

MANUFACTURER OF LOW VOLTAGE CONNECTION, PROTECTION AND
ELECTRICITY DISTRIBUTION EQUIPMENT FOR THE PUBLIC DISTRIBUTION NETWORK

Our
energy
serving
yours

GENERAL
Catalog
2021



DEPAGNE, french manufacturer for more than 100 years



Some figures:

100%
MADE IN FRANCE



3
SITES IN ISERE



150
EMPLOYEES



27,6 M€
TURNOVER



12
PRESSES
MACHINE TOOLS



Since 1920, depagne has been manufacturing equipment low voltage electricity supply in isère (France).

The company has become the european leader on the pedestals market for ports.

It has also been a reference for over 40 years on the french market for street lighting and lighting pole connections.

Teams and know-how

AS CLOSELY AS POSSIBLE TO SPECIFICATIONS

DEPAGNE commercial network supports the customers for the definition of their specifications and provides advice for personalised studies in order to meet their requirements.

DRIVING FORCE OF INNOVATION

Composed of a design office equipped with CAD/CAM tools and a test laboratory, the R&D department plays a dual role: ensuring the compliance of the products and imagine tomorrow's applications.

PRODUCTS DESIGN FLEXIBILITY

Our industrial tool and the flexibility of its organisation enable us to supply products within a very short time, at the client's request, by the unit or in a bulk.

International

KNOW-HOW OVER 40 YEARS

Specialist in the manufacturing of metering and security boxes, DEPAGNE has been evolving on the export markets, especially with a strong presence on the African continent.

PERSONALIZED OFFER

DEPAGNE's offer is personalized and based on the specifications and requirements of any energy companies.



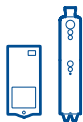
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ISO 9001



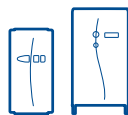
SUSTAINABLE
DEVELOPMENT
POLICY



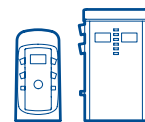
> 1 000 tonnes
OF PLASTIC MATERIALS
TRANSFORMED PER YEAR



172 000
STREET LIGHTING BOXES
PER YEAR



320 000
ENEDIS PRODUCTS
PER YEAR



2 000
PORT PEDESTALS
PER YEAR



Our **know-how** focuses in our mastery of the entire production chain from the design of our products to marketing in France and abroad.

Historical partner

IN 2016, ERDF BECOMES ENEDIS "THE NETWORK ELECTRICITY"

On the basis for this trust, for more than 40 years now, we supply equipment to Enedis, mainly for contracts concerning monitored power connection and limited power equipment.

Eco-responsible policy

A SUSTAINABLE DEVELOPMENT POLICY

Our company is committed to respect and support the International Labour Organization and the global compact principles of the United Nations, in order to improve the environmental situation and the general process of planning and sales of a product.

In 2020, DEPAGNE celebrated its centenary!

100 years old: The perfect occasion to thank all our employees, clients, suppliers and partners for taking part in the Depagne adventure.

Huge thanks for your investments, the trust you have placed in us over all these years, and also for the professionalism shown by our teams over the years for doing their best to respond to the needs of our clients.

Today, our organisation is a major player in the low-voltage electricity distribution sector. This century of our company's existence has been characterised by us developing and creating loyalty from an exacting client base. This success reflects all our efforts and collaboration.

The coming years will be an opportunity to strengthen our position and develop new products and services.

For this anniversary year, we have been using a special "100 years" logo in the "Made in France" colours, representing our past, present and above all our future together!

Thank you to everyone for these great years, let's continue the Depagne adventure!

Supplier



Member of



Contents

01	Power supply solutions for apartment blocks and housing estates	
	• Electrical risers	20
	• Power supply solutions for apartment blocks and housing estates	22
	• Configurations of standard NF C 14-100	24
	• Range of boxes located at the bottom of buildings with CCPC (Collective Main Cutout)	26
	• Riser boxes range	30
	• Riser distributors range HN 62-S-35	32
	• Individual electrical connection boxes range	36
	• Electric metering and connection boxes range	42
	• Equipped European cabinets range	44
	• Disconnection cabinets	46
	• Urban low voltage switchboard	48
02	Metering	
	• Types of connection	52
	• Metering	54
	• Upgrade Limited Power Connection	56
	• Limited Power Connection panels ≤ 36 kVA	58
	• Accessories for Limited Power Connection	64
	• Creul boxes (small outdoor box for long use)	67
	• BPS boxes (2020 level)	
	Monitored Power Connection from 36 to 250 kVA	68
	• BPS cabinets for Monitored Power Connection from 36 to 250 kVA	72
	• Cabinets and boxes for temporary connection from 3 to 250 kVA	74
	• PME-PMI connection BOXES and PANELS	76
	• Metering switchboard for HTA meter	78
03	Outdoor lighting and signage	
	• Standards and protection	82
	• Outdoor lighting and signage	84
	• Command and control boxes	90
	• Metering and control units	98
	• Junction and protection boxes at the base of lighting poles	102
	• Outdoor connection and protection boxes for lighting poles	108
	• Outdoor connection and protection boxes	111
	• Specific equipment for lighting poles	113
	• Lighting management solutions	116
	• Lighting poles protection	124
04	Distribution for stallholders and markets	
	• Distribution for stallholders and markets	130
	• Stallholders and markets	132
	• Retractable distribution pedestals	134
	• Mobile cabinets for stallholders	140
	• Boxes and cabinets for stallholders	141
	• Worksite boxes	146

05 Distribution pedestals

• Distribution pedestals	150
• Marinas	152
• Ecosystem electronic management for distribution pedestals	154
• Pedestals for marinas	156
• High capacity pedestals	164
• Pedestals for technical areas	166
• Tailor-made stainless steel pedestals	168
• Tailor-made stainless steel Boxes	170
• High flow pedestals	171
• Riverside pedestals	172
• Camp site pedestals	176
• Sourcelec and Sourcinox equipment	178
• Safety pedestals	182
• Signage	183
• Water distribution pedestals	184
• Service points for camper vans	185
• Pumping Stations	186
• Installation and maintenance of distribution pedestals	188

06 Cabinets

• Cabinets	192
• Aluminium cabinets	194
• Polyester cabinets and boxes	196
• Specific cabinets	205
• Equipments for cabinets and boxes	206

07 Protection and connection

• Protection and connection	210
• Cutout	212
• Connection boxes	214
• Cylindrical fuse cartridges NF AD	215
• Knife fuse cartridges NH AD size 00	216
• Adapters size 2 for knife fuse cartridges size 00	216
• Knife fuse cartridges NH gG size 00 and size 2	217
• Industrial cylindrical fuse cartridges NF	218
• Industrial knife fuse cartridges NH (HPC)	220
• Accessories	222
• Locks and hinges	223
• Depagne keys	224
• Cable glands	226

08 Depagne

• Degrees of protection	230
• Glossary	232
• General terms and conditions of sale	233

Alphabetical index

A

Adapters size 2 for knife fuse cartridges size 00	
Adapters size 2 for knife fuse cartridges size 00 spacing 115 mm	216
Adapters size 2 for knife fuse cartridges size 00 spacing 160 mm	216

Accessories for Limited Power Connection

Cutout boxes 250x250	64
CTBX panels	64
DIN rail fixing	64
EBCP and EBCD end caps	64
Three/single phase adapter kit	65
Adapter kit for replacing electronic meter with single-phase Linky meter	65
Adapter kit for re-using customer utility wiring	65
Production kit	66
Adapter kit for replacing electromechanical meter with electronic meter	66
Electric switchboards	66

Aluminium cabinets

1 door Taillefer cabinets	195
2 doors Taillefer cabinets	195

B

Boxes and cabinets for stallholders

Taillefer cabinets	141
Sourcelec for stallholders with general protection, without individual protection of feeders	
Sourcelec for stallholders 711	142
Sourcelec for stallholders without general protection, with individual protection of feeders	
Sourcelec for stallholders 716	142
Sourcelec for stallholders with general protection, individual protection of feeders and individual metering	
Sourcelec for stallholders 731	143
Sourcelec for stallholders 732	143
Sourcelec for stallholders 739	143
Sourcelec for stallholders 735	143
Sourcelec for stallholders 737	143
Sourcelec for stallholders 738	144
Sourcelec for stallholders 740	144
Sourcelec for stallholders 733 (Sourcelec 1000)	144
Sourcelec for stallholders 734 (Sourcelec 1200)	144
Concrete chamber with underground socket for removable Sourcelec for stallholders	145
Ecosystem electronic management	145

BPS boxes (2020 level) Monitored Power Connection from 36 to 250 kVA

BPS 100 A boxes	
BPS 100 A boxes type 1, type 2	69
BPS 400 A boxes	
BPS 400 A boxes type 1, type 2, type 3, type 4	70
Monitored Power Connection boxes version 2	
Boxes version 2 equipped with metering panel version 2	71
Metering panel version 2	71
Kits for conversion from monitored power to limited power	
Kits for converting monitored power 200/400A to limited power 60A	71
Kits for converting monitored power 100A to limited power 60A	71

BPS cabinets for Monitored Power Connection from 36 to 250 kVA

Composite BPS cabinets	72
AGCP circuit-breakers	72
Aluminium BPS cabinet	73
Polyester BPS cabinets	73

C

Cabinets and boxes for temporary connection from 3 to 250 kVA

Aluminium BPS cabine, 36 to 250 kVA	74
Polyester BPS cabinets, 36 to 250 kVA	74
AGCP circuit-breakers	75
Single-phase S20 boxes, 3 to 12 kVA	75
Three-phase S15 boxes, 9 to 36 kVA	75

Cable glands

226

Camp site pedestals

The essentials	
Sourcelec 218	176
Sourcelec 238	177
Sourcelec 208	177
The classic	
Sourcelec 108	177

Command and control boxes

The essentials	90
Box 800 x 250 (Type 2 S17) with CCPI function	90
Pedestal 1000x500 with CCPI function	91
Oisans boxes (1000x250, 1000x800 and 1000x1100) with CCPI function	92
Oisans S17 type 3 boxes	93
S17 type 2 box	93
The classics	94
Taillefer cabinets	94
Ecrins modular cabinets with CCPI function	95
Chartreuse modular cabinets with CCPI function	95
Meije boxes (600x500 and 1000x500) with CCPI function	96
Meije boxes (800x250 and 800x500)	96
Oisans 1000x250 box	97
S20 double box	97
S20 (S2000) boxes	97
1894 box	97

Connection boxes

Connection boxes 10/30A	214
Connection boxes 15/60A	214
Connection boxes 30/90A	214
Pilot or boundary cutout connection box	215
Protection box with fuse indicator	215

CREUL BOXES (small outdoor box for long use)

CREUL box with cable gland	67
CREUL box with cone grommet	67

Cutout

Cutout base 10x38	212
Cutout base 14x51	212
Cutout base 22x58	213
Cutout base size 00	213
Triple neutrals	213

Cylindrical fuse cartridges NF AD

Cylindrical fuse cartridges NF AD 10x38	215
Cylindrical fuse cartridges NF AD 14x51	215
Cylindrical fuse cartridges NF AD 22x58	215

D

Degrees of protection	230
Depagne keys	
Tailor-made multi-arm keys	
Metal hinged keys	224
Standard multi-arm keys	
Electrical and gas insulating fixed keys 2 arms	225
Metal fixed keys 1, 3 or 4 arms	225
Metal hinged keys 4 arms	225
Disconnection cabinets	
4 ways disconnection cabinets with base	46
6 ways disconnection cabinets with base	47

E

Ecosystem electronic management for distribution pedestals	154
Electric metering and connection boxes range	
HN 62-S-20 boxes and panels	42
Equipments for cabinets and boxes	
Boards	206
Perforated grids	206
Frames	206
Metering boxes	206
Fixing systems	206
Accessories	207
Maintenance of cabinets and boxes	207
Equipped European cabinets range	
European cabinets range	44
Terminal bars and disconnect neutrals	45
Extractable DRIVER connector	110
G	
General terms and conditions of sale	233
Glossary	232

H

High capacity pedestals	
The essentials	
Sourcelec Rivage 788	164
Sourcelec 460	164
Sourcinox 48 large model	165
The classics	
Sourcinox 38 large	165
Sourcinox 18 large model	165
High flow pedestals	171

I

Individual electrical connection boxes range	
Individual Electrical Connection Boxes (CIBE)	
CIBE boxes	37
CIBE pedestals	37
Individual connection outdoor boxes HN 62-S-22	
S22 single boxes	38
S22 high boxes	39
S22 pedestal boxes	39
S22 single pedestals	40
S22 boxes and pedestals for "long use" connection	40
S22 boxes for single-phase long connection (type 2)	40
S22 miscellaneous boxes and pedestals	40
Industrial cylindrical fuse cartridges NF	
Industrial cylindrical fuse cartridges NF 8x32	218
Industrial cylindrical fuse cartridges NF 10x38	218
Industrial cylindrical fuse cartridges NF 14x51	219
Industrial cylindrical fuse cartridges NF 22x58	219
Industrial knife fuse cartridges NH (HPC)	
Industrial knife fuse cartridges NH (HPC) size 000	220
Industrial knife fuse cartridges NH (HPC) size 00	220
Industrial knife fuse cartridges NH (HPC) size 0	220
Industrial knife fuse cartridges NH (HPC) size 1	221
Industrial knife fuse cartridges NH (HPC) size 2	221
Industrial knife fuse cartridges NH (HPC) size 3	221
Installation and maintenance of distribution pedestals	188
J	
Junction and protection boxes at the base of lighting poles	
Boxes type 0	102
Boxes type 1	103
Boxes type 2	104
Boxes type 3	105
Boxes type 4	106
Connection boards	107
K	
Knife fuse cartridges NH AD size 00	216
Knife fuse cartridges NH gG size 00 and size 2	
Knife fuse cartridges NH gG size 00	217
Knife fuse cartridges NH gG size 2 spacing 115 mm	217
Knife fuse cartridges NH gG size 2 spacing 160 mm	217

Alphabetical index (continued)

L

Lighting management solutions	
Delayed bus TIM	116
Delayed bus TIMgrad	116
Management of electronic ballasts	
SL21 controllers	120
SL31 controllers	120
Management of ferromagnetic ballasts	
SL42 controllers	121
Infrared motion sensors on adjustable support	
Lumiway sensor	123
Lumiway sensor with lighting controller	123
Delayed bus TIMgrad	123

Lighting poles protection

Differential disconnection device with automatic rearming/resetting RED 12	125
Automatic disconnection device with manual resetting RDI 12	125
Automatic disconnection device with automatic resetting f or urban camera REDcam	125
Automatic disconnection device with automatic resetting and timer ON/OFF middle of the night RED GT	126
Short overvoltage and overcurrent protection	
Short overvoltage protection STR class II	126
Short overvoltage protection STR class I	126
Short overvoltage and overcurrent protection STIR class II	126
Surge, overvoltage protection	127

Limited Power Connection PANELS ≤ 36 kVA

SINGLE-PHASE panels 225x250	58
UNIVERSAL casing for SINGLE-PHASE control panel	58
SINGLE-PHASE panels with cutout 500x250	59
UNIVERSAL single-phase panels 225x250	59
Single-phase connectors and links	59
THREE-PHASE panels 550x250	60
THREE-PHASE panels with cutout 800x250	61
Three-phase connectors and links	61
Single-phase PRODUCER panels 450x250	62
Single-phase panels 2x60A 500x250	635

Locks and hinges	223
------------------	-----

M

Metering + control units

SINGLE-PHASE metering + control units	
Single-phase diagram - 1 circuit	98
Single-phase diagram - 2 circuits	98
THREE-PHASE metering + control units	
Three-phase metering + control units	99
Three-phase diagram 2 circuits	99
Equipment and options	100

Metering switchboard for HTA meter	78
------------------------------------	----

Mobile cabinets for stallholders

Sourcelec for stallholders on mobile trolley small model	140
Sourcelec for stallholders on mobile trolley large model	140

O

Outdoor connection and protection boxes

1800 boxes (for cable glands)	111
1810 box (for cable glands)	111
1835 boxes (with cone grommet)	112
S22 box	112

Outdoor connection and protection boxes for lighting poles

Boxes type 597	108
Boxes LJMI 591	109
Boxes type 593	110

P

Pedestals for marinas

The essentials	
Sourcelec Rivage 159	156
Sourcelec Rivage 199	156
Sourcelec Rivage 788	157
Sourcelec Rivage 299 Connect	157
Sourcelec Escale 156	158
Sourcelec Escale 266	159
Sourcelec Escale 196	159
Standard Sourcinox Riviera	160
Reinforced Sourcinox Riviera	161
The stainless steel	
Sourcinox 18	162
Sourcinox 28	162
Sourcinox 38	162
Sourcinox 48	162
Sourcinox 4	163

Pedestals for technical areas

The essentials	
Sourcelec 248	166
Sourcelec 460	166
The classic	
Sourcinox 18	166

PME-PMI connection boxes and panels

PME-PMI boxes	76
Control panels on PME-PMI renovation panels	
PME-PMI control panels	77
PME-PMI renovation panels	77

Polyester cabinets and boxes

Ecrins range, modular cabinet	197
Chartreuse range, modular cabinet	199
Bellefontaine range, range of 1 or several compartments cabinets	201
Meije range, standard boxes	202
Oisans range, multi-compartment boxes	203
Alpes range, one-piece cabinets	204

Protection and connection accessories

Adapters on pin socket for cylindrical fuse cartridge	222
Fuse holder sockets for knife fuse cartridge NH	222
Narrow extraction handle for knife fuse cartridges size 00 to size 3	222
Connection terminal block	222

Pumping stations

Mobile waste water and bilge water stations	186
Waste water and bilge water stations	186
Waste water stations	187
Combined waste water and bilge water stations, 2 pumps	187
Combined waste water and bilge water stations	187

R

Range of boxes located at the bottom of buildings with CCPC (Collective Main Cutout)

ECP2D boxes and pedestals	
ECP2D boxes	27
ECP2D boxes	27
ECP3D boxes and pedestals	
ECP3D boxes	27
ECP3D pedestals	27
REMBT boxes, Low Voltage Modular Emerging Connection	
REMBT 300 pedestals	29
REMBT 450 pedestals	29
REMBT 600 pedestals	29

Retractable distribution pedestals

Water distribution retractable Sourcinox pedestals small model	
Retractable Sourcinox 01	135
Power and water distribution retractable Sourcinox pedestals small model	
Retractable Sourcinox 06	137
Retractable Sourcinox 07	137
Power and water distribution retractable Sourcinox pedestals large model	
Retractable Sourcinox 10	139
Retractable Sourcinox 11	139
Retractable Sourcinox 12	139

Riser boxes range

Disconnection/protection boxes with subtransmission box, version SPCM (Disconnection, Protection, Multiple Risers) HN 62-S-16 amendment 2	
SPCM boxes cutout 200A	30
SPCM box without cutout	30
Switch cutout and mains supply boxes HN 62-S-16	
Switch cutout box with 200A fuse	31
Disconnection box 400A	31
Mains supply distributor boxes	31
Boxes assembly	31

Riser distributors range HN 62-S-35

Floor distributors for interchangeable CPF	
200A distributors	33
400A distributors	33
Interchangeable Fuse Holder Connector (CPF)	33
Floor distributors for CCPI	
200A distributors	34
200A distributors, 3 or 6 feeders	34
400A distributors	34
Single-pole Individual Main Cutout (CCPI)	35

Riverside pedestals

The essentials	
Sourcelec Escale 156	173
Sourcelec Escale 266	173
Sourcelec Escale 196	173
Sourcelec Rivage 159	174
Sourcelec Rivage 199	174
Sourcelec Rivage 788	174
The classics	
Sourcinox 18	175
Sourcinox 28	175

S

Safety pedestals

Fire pedestals	
Sourcelec 196	182
Sourcelec 199	182
Pedestals for extinguisher	
Sourcelec 880	182
Sourcelec 882	182

Service points for camper vans

Signage	
Beaconing and marking pedestals	
Sourcelec 2008	183
Sourcelec 888	183
Conical pile caps	183

Sourcelec and Sourcinox equipment

Electrical equipment and electric accessories	178
Water distribution	178
Beaconing and lighting	179
Beaconing and sensing lighting	179
Electronic management	180

Specific cabinets

European range, cabinets mounted on retractable base or surface-mounted	205
CCV range, Glass Fibre Reinforced Cement cabinets	205

Specific equipment for lighting poles

Lighting pole base plates	113
Protection caps for nuts and anchor rods	113
Temporary protection pedestals	
Temporary protection pedestals CS	114
Temporary protection pedestals ECS	114
RESTOSOL®, cable anti-theft device during installation of lighting poles	114
Twilight switch	114
LUMIprise, lighting pole top connection sockets	115
Junction boxes for road signage	115

T

Tailor-made stainless steel boxes	170
-----------------------------------	-----

Tailor-made stainless steel pedestals	168
---------------------------------------	-----

U

Urban low voltage switchboard

Urban low voltage switchboard	48
Urban low voltage one-piece feeders	49

W

Water distribution pedestals

Sourcinox and Sourcelec water distribution pedestals	
Sourcinox 4	184
Sourcelec 8	184
Sourcelec 10	184
Sourcevac water distribution pedestals with trough	185

Worksite boxes

Distribution boxes	
Distribution boxes 3/4 sockets	146
Distribution boxes 5 sockets	146
Worksite boxes	
Worksite boxes 1860 type on metal base	147
Worksite boxes S20 type on metal base	147

Enedis references

Enedis ref.	Pages	Enedis ref.	Pages	Enedis ref.	Pages	Enedis ref.	Pages	Enedis ref.	Pages	Enedis ref.	Pages
44 49 002	27, 28, 35, 41, 71, 72, 101, 207	69 02 643	31	69 42 657	215, 218	69 80 423	38	69 80 823	37	69 88 138	77
		69 02 644	31	69 42 664	215, 219	69 80 424	38	69 80 840	225	69 88 150	77
		69 02 645	31	69 42 669	215, 219	69 80 429	40	69 80 841	225	69 88 792	78
44 49 007	35, 72, 207	69 02 646	31	69 43 007	27, 30, 49, 217	69 80 430	39	69 80 881	37, 197	69 88 793	78
44 49 074	35, 41	69 02 647	31	69 43 009	27, 30, 49, 217	69 80 431	39	69 80 887	37	69 88 794	78
44 49 075	35, 41	69 02 648	31	69 43 013	49, 217	69 80 432	40	69 80 888	37	69 88 845	71
44 49 086	35, 41	69 02 650	30	69 43 014	49, 217	69 80 433	39	69 80 890	37	69 88 850	71
44 49 087	35, 41	69 02 651	30	69 43 016	49, 217	69 80 434	39	69 80 891	37	69 88 904	70
44 49 171	64	69 02 652	30	69 43 405	217	69 80 440	39	69 80 893	37	69 88 905	69
63 88 291	35	69 02 682	31	69 43 408	31, 217	69 80 441	39	69 80 894	37, 48	69 88 914	70
67 26 085	64	69 02 683	31	69 43 413	31, 217	69 80 442	40	69 80 904	101	69 88 915	69
67 26 086	64	69 02 684	31	69 43 417	217	69 80 443	39	69 80 905	48, 101	69 88 924	70
67 26 087	64	69 02 685	31	69 43 420	217	69 80 444	39	69 81 047	64	69 88 934	70
67 26 088	64, 67	69 30 003	67	69 43 424	217	69 80 451	39	69 81 053	64	69 88 940	71
67 26 089	64	69 30 004	67	69 43 449	31, 217	69 80 452	39	69 81 057	64	69 88 941	71
67 26 090	64	69 30 005	67	69 43 450	27, 30, 49, 217, 221	69 80 460	38, 39, 41	69 81 069	64	69 88 943	71
67 26 162	35	69 30 006	67			69 80 470	41	69 81 155	58	69 89 254	215
67 31 735	28	69 30 007	67	69 43 479	31, 217	69 80 471	41	69 81 188	58		
67 64 022	46	69 30 009	67	69 43 484	221	69 80 472	40, 41	69 81 210	59		
67 64 037	46	69 30 010	67	69 43 512	33, 35, 216, 217	69 80 473	41	69 81 220	60		
67 70 512	28	69 40 017	214			69 80 476	41	69 81 222	61		
67 70 522	28	69 40 022	214	69 43 513	33, 35, 216	69 80 477	41	69 81 276	66		
67 70 532	28	69 40 035	214	69 43 514	33, 35, 216	69 80 478	41	69 81 277	65		
67 71 700	28	69 40 036	214	69 43 516	33, 35, 216	69 80 479	41	69 81 279	66		
67 71 702	28	69 40 037	214	69 43 520	33, 35, 216	69 80 480	41	69 81 282	62		
67 71 704	28	69 40 038	214	69 43 530	220	69 80 481	41	69 81 289	65		
67 71 706	28	69 40 246	215	69 80 015	43	69 80 484	41	69 81 290	65		
67 71 708	28	69 40 408	213	69 80 016	43	69 80 492	43	69 81 291	59		
67 71 710	28	69 40 409	213	69 80 019	43, 97	69 80 493	39, 41	69 81 292	63		
69 02 019	27	69 40 508	213	69 80 020	43	69 80 495	41	69 82 104	48		
69 02 033	27	69 40 518	213	69 80 022	43	69 80 499	41	69 82 106	48		
69 02 053	27	69 40 521	35	69 80 033	43	69 80 503	41	69 82 108	48		
69 02 054	27	69 40 522	35	69 80 035	43, 97	69 80 508	41	69 82 777	49		
69 02 424	34	69 40 523	35	69 80 041	43	69 80 511	38, 39, 41	69 82 814	49		
69 02 425	34	69 40 524	33	69 80 042	43	69 80 515	40	69 82 830	49		
69 02 428	33	69 40 525	33	69 80 043	43	69 80 520	40	69 82 833	49		
69 02 429	33	69 40 538	35	69 80 047	43	69 80 521	40	69 82 873	49		
69 02 441	34	69 40 539	35	69 80 094	225	69 80 523	40	69 82 924	48		
69 02 442	34	69 40 540	213	69 80 101	64	69 80 524	40	69 82 926	48		
69 02 443	34	69 40 543	35	69 80 104	64	69 80 531	39	69 82 928	48		
69 02 476	34	69 40 544	35	69 80 130	43	69 80 534	39	69 88 100	76		
69 02 477	34	69 41 165	222	69 80 131	43	69 80 536	39	69 88 102	77		
69 02 478	33	69 41 166	222	69 80 132	43	69 80 540	40	69 88 110	77		
69 02 479	33	69 41 272	216	69 80 136	43	69 80 541	40	69 88 112	77		
69 02 604	31	69 41 273	216	69 80 137	43	69 80 630	67	69 88 114	77		
69 02 609	31	69 41 284	27, 30, 31, 33, 35, 49, 222	69 80 139	43	69 80 631	67	69 88 116	77		
69 02 621	31			69 80 186	43	69 80 802	37	69 88 118	77		
69 02 622	31	69 42 104	218	69 80 210	71	69 80 803	37	69 88 120	77		
69 02 623	31	69 42 115	218	69 80 212	71	69 80 805	37, 197	69 88 122	77		
69 02 624	31	69 42 146	219	69 80 216	71	69 80 806	37	69 88 124	77		
69 02 625	31	69 42 204	219	69 80 220	71	69 80 807	37	69 88 126	77		
69 02 626	31	69 42 603	215	69 80 235	72	69 80 810	37	69 88 128	77		
69 02 627	31	69 42 617	215	69 80 415	40	69 80 812	37	69 88 130	77		
69 02 628	31	69 42 626	215	69 80 420	38	69 80 818	37	69 88 132	77		
69 02 641	31	69 42 634	215	69 80 421	38	69 80 819	37	69 88 134	77		
69 02 642	31	69 42 638	215	69 80 422	40	69 80 820	37	69 88 136	77		

Depagne references

Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages
101 272 00	216	150 893 00	37	181 500 01	39	184 341 01	40	359 155 01	58
101 273 00	216	150 894 00	37	181 501 01	39	184 915 00	38, 39, 41	359 155 09	98
102 053 00	27	180 001 00	41	181 510 01	39	190 604 00	31	359 218 00	58
102 054 00	27	180 002 00	41	181 511 01	39	190 609 00	31	359 282 00	59
102 424 00	34	180 012 01	41	182 100 00	41	190 621 00	31	359 282 40	61
102 425 00	34	180 013 01	41	182 300 01	39	190 622 00	31	359 285 00	64
102 425 02	34	180 017 00	43	182 301 01	39	190 623 00	31	359 286 00	64
102 427 00	34	180 018 00	39, 41	182 310 01	39	190 624 00	31	359 286 01	64
102 471 00	34	180 020 00	41	182 311 01	39	190 625 00	31	359 287 00	64
102 471 06	34	180 031 00	35, 41	182 319 01	39	190 626 00	31	359 288 00	64
102 472 00	34	180 032 00	35, 41	182 320 01	39	190 627 00	31	359 289 00	64
102 472 03	34	180 033 00	35, 41	182 321 01	39	190 628 00	31	359 300 00	62
102 474 00	34	180 034 00	35, 41	182 322 01	39	190 641 00	31	359 300 01	62
102 475 00	34	180 100 00	41	182 323 01	39	190 642 00	31	367 409 00	75
102 475 00	34	180 101 00	41	182 330 01	39	190 643 00	31	367 441 01	75
102 476 00	34	180 102 00	41	182 331 01	39	190 644 00	31	367 441 02	75
102 476 06	34	180 115 00	41	182 337 01	39	190 645 00	31	367 652 00	73
102 477 00	34	180 300 01	38	182 340 01	40	190 646 00	31	367 652 01	73
102 477 03	34	180 301 01	38	182 400 01	39	190 647 00	31	367 652 10	74
102 478 00	33	180 310 01	38	182 410 01	39	190 648 00	31	367 679 00	73
102 478 06	33	180 311 01	38	182 412 01	39	201 265 00	49	367 679 01	73
102 479 00	33	180 319 01	38	182 413 01	40	201 268 00	49	367 679 10	74
102 479 03	33	180 340 01	40	182 420 01	39	220 010 00	48	367 682 00	73
102 480 00	33	180 360 00	112	182 421 01	39	220 020 00	48	367 682 02	73
102 480 06	33	180 400 01	38	182 430 01	39	220 030 00	48	367 682 10	74
102 481 00	33	180 401 01	38	182 431 01	39	220 040 00	48	367 682 14	74
102 481 03	33	180 410 01	38	182 440 01	39	220 050 00	48	368 210 00	59
102 500 00	35	180 411 01	38	182 441 01	39	220 060 00	48	368 210 05	59
102 521 00	35	180 500 01	38	182 500 01	39	220 081 00	49	368 220 00	60
102 522 00	35	180 501 01	38	182 510 01	39	220 082 00	49	368 220 05	60
102 523 00	35	180 510 01	38	182 520 01	39	220 083 00	49	368 220 09	99
102 524 00	35	180 511 01	38	182 521 01	39	220 084 00	49	368 222 00	61
102 525 00	35	180 512 01	40	182 530 01	39	220 091 00	45	368 222 05	61
102 650 00	30	180 601 02	40	182 531 01	39	220 091 20	45	368 279 00	66
102 651 00	30	181 000 00	27, 35, 41, 71, 72,	182 540 01	39	220 092 00	45	368 292 00	63
102 652 00	30		73, 74, 75, 101, 207	182 541 01	39	220 092 20	45	368 292 01	63
102 654 01	30	181 000 01	27, 35, 41, 71,	183 000 01	38, 39, 41	231 022 00	35	369 792 00	78
102 654 02	30		101, 207	183 001 00	40, 41	231 023 00	35	369 793 00	78
103 524 00	33	181 010 00	41	183 010 01	38, 39, 41	231 024 00	35	369 794 00	78
103 525 00	33	181 011 00	41	183 100 01	40	282 822 00	46	380 630 00	67
150 802 00	37	181 012 01	41	183 101 01	40	282 824 00	46	380 631 00	67
150 803 00	37	181 013 01	41	183 102 01	40	282 844 00	47	380 638 00	64, 67
150 805 00	37, 197	181 100 00	35, 72, 73, 74, 207	183 103 01	40	282 845 00	47	380 650 00	112
150 806 00	37	181 100 01	35, 207	183 201 01	40	282 846 00	47	380 651 00	112
150 807 00	37	181 247 02	40	183 202 01	40	308 640 00	111	380 652 00	112
150 810 00	37	181 300 01	39	183 203 01	40	308 642 00	111	380 655 00	112
150 812 00	37	181 301 01	39	183 209 01	40	308 644 00	111	381 276 00	66
150 818 00	37	181 310 01	39	183 300 01	40	308 650 00	111	381 277 00	65
150 819 00	37	181 311 01	39	183 301 01	40	308 652 00	111	381 289 00	65
150 820 00	37	181 319 01	39	183 302 01	40	308 654 00	111	381 290 00	65
150 823 00	37	181 340 01	40	183 303 01	40	308 656 00	111	381 291 00	35, 59
150 881 00	37, 197	181 341 01	40	183 304 01	40	308 666 00	111	381 291 01	59
150 887 00	37	181 400 01	39	183 329 01	40	308 668 00	111	388 941 00	71
150 888 00	37	181 401 01	39	183 340 01	40	308 840 00	111	388 941 01	71
150 890 00	37	181 410 01	39	183 480 00	40	308 840 10	111	388 943 00	71
150 891 00	37	181 411 01	39	183 486 00	40	359 155 00	58	388 943 01	71

Depagne references (continued)

Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages
400 452 00	163, 184	443 222 00	161	500 820 24	99	511 111 20	104	514 800 00	107
400 454 00	163, 184	443 332 00	161	500 820 26	99	511 111 21	104	514 820 00	107
400 462 00	163, 184	446 008 00	164, 166	500 913 00	107	511 112 00	104	514 840 00	107
400 464 00	163, 184	460 322 00	28	500 914 00	107	511 113 00	104	514 860 00	107
400 802 00	184	460 324 00	28	500 915 00	107	511 114 00	104	519 204 00	105
400 804 00	184	460 326 00	28	500 916 00	107	511 115 00	104	519 510 00	105
400 812 00	184	478 208 00	157, 164, 174	500 917 00	107	511 116 00	104	519 510 01	105
400 814 00	184	478 850 00	180	500 918 00	107	511 117 00	104	519 512 00	105
401 020 00	184	478 852 00	180	500 933 00	107	511 118 00	104	519 512 01	105
401 021 00	184	478 857 00	180	500 934 00	107	511 118 02	104	519 513 00	105
401 040 00	184	478 860 10	180	500 935 00	107	511 120 00	104	519 513 01	105
401 041 00	184	478 860 20	180, 189	500 936 00	107	511 120 02	104	519 514 00	105
402 308 00	183	478 860 30	180	500 937 00	107	511 120 12	104	519 514 01	105
403 008 00	162	478 860 31	180	500 938 00	107	511 121 00	104	519 520 00	103, 104, 105
403 008 00	166, 175	478 860 41	180	500 953 00	107	511 121 02	104	519 522 00	104, 105
403 208 00	165	478 860 42	180	500 954 00	107	511 121 12	104	540 464 00	41
404 008 00	162, 175	478 860 43	180	500 955 00	107	511 127 00	104	540 488 00	41
405 008 00	162	478 870 00	180	500 973 00	107	511 127 02	104	540 731 00	28
405 040 00	185	479 310 00	186	500 974 00	107	511 221 00	105	540 860 00	28
405 041 00	185	479 312 00	186	500 975 00	107	511 221 02	105	540 861 00	28
405 100 20	185	479 320 00	187	511 009 00	103	511 221 12	105	540 862 00	28
405 208 00	165	479 322 00	187	511 009 02	103	511 221 20	105	540 870 00	28
406 008 00	162	479 330 00	187	511 009 20	103	511 221 21	105	540 871 00	28
406 208 00	165	479 332 00	187	511 010 00	103	511 222 00	105	540 872 00	28
410 828 00	177	479 340 00	187	511 010 02	103	511 222 02	105	540 873 00	28
410 848 00	177	479 342 00	187	511 010 12	103	511 223 00	105	540 874 00	28
415 208 00	156, 174	479 350 00	186	511 010 20	103	511 223 02	105	540 875 00	28
415 608 00	158, 173	479 352 00	186	511 010 21	103	511 225 00	105	540 879 00	28
419 101 00	182	488 000 00	182	511 011 00	103	511 226 00	105	590 230 10	120
419 208 00	156, 174	488 001 00	182	511 011 02	103	511 227 00	105	590 232 10	120
419 608 00	159, 173	488 200 00	182	511 011 12	103	511 227 02	105	590 234 10	120
419 611 00	182	488 201 00	182	511 011 20	103	511 228 00	105	590 236 10	120
420 008 20	177	488 880 00	183	511 011 21	103	511 421 00	105	590 242 00	121
420 008 21	177	488 881 00	183	511 017 00	103	511 421 02	105	590 242 10	121
420 008 40	177	500 598 00	66	511 017 02	103	511 421 12	105	590 243 00	121
420 008 41	177	500 599 00	66	511 018 00	103	511 422 00	105	590 321 10	120
421 008 20	176	500 610 14	98	511 018 02	103	511 422 02	105	590 322 10	120
421 008 40	176	500 610 16	98	511 019 00	103	511 423 00	105	590 323 10	120
423 008 20	177	500 610 24	98	511 019 02	103	511 423 02	105	590 382 00	121
423 008 21	177	500 610 26	98	511 020 00	103	511 425 00	105	590 432 10	120
423 008 40	177	500 620 14	99	511 020 02	103	511 426 00	105	590 433 10	120
423 008 41	177	500 620 16	99	511 021 00	103	511 427 00	105	590 484 00	123
424 808 00	166	500 710 14	98	511 021 02	103	511 427 02	105	590 531 10	120
426 608 00	159, 173	500 710 16	98	511 024 00	103	511 428 00	105	590 533 10	120
429 100 00	157	500 710 24	98	511 025 00	103	514 200 00	106	590 536 10	120
429 008 00	157	500 710 26	98	511 026 00	103	514 220 00	106	590 542 00	121
442 100 00	160	500 720 14	99	511 027 00	103	514 240 00	106	590 542 10	121
442 200 00	160	500 720 16	99	511 027 02	103	514 260 00	106	590 543 00	121
442 201 00	160	500 720 24	99	511 110 00	104	514 400 00	106	590 821 10	120
442 211 00	160	500 720 26	99	511 110 02	104	514 420 00	106	590 822 10	120
443 100 00	161	500 810 14	98	511 110 12	104	514 440 00	106	590 831 10	120
443 200 00	161	500 810 16	98	511 110 20	104	514 460 00	106	590 832 10	120
443 201 00	161	500 810 24	98	511 110 21	104	514 600 00	107	593 001 00 G	110
443 202 00	161	500 810 26	98	511 111 00	104	514 620 00	107	593 001 00 I	110
443 211 00	161	500 820 14	99	511 111 02	104	514 640 00	107	593 001 00 N	110
443 212 00	161	500 820 16	99	511 111 12	104	514 660 00	107	593 002 00 G	110

Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages
593 002 00 I	110	597 001 12 I	108	600 244 01	205	603 581 00	140	605 426 00 + 605 426 00	199
593 002 00 N	110	597 001 12 N	108	600 245 00	44, 205	603 596 00	206	605 426 00 + 605 427 00	199
593 012 00 G	110	597 001 20 G	108	600 245 01	44, 205	603 611 00	206	605 426 00 + 605 428 00	199
593 012 00 I	110	597 001 20 I	108	600 246 00	44, 205	603 616 00	201	605 427 00	199
593 012 00 N	110	597 001 20 N	108	600 246 01	44, 205	603 626 00	206	605 428 00	199
593 013 00 G	110	597 002 00 G	108	600 247 00	44, 205	603 632 00	206	605 816 00	201
593 013 00 I	110	597 002 00 I	108	600 247 01	44, 205	603 633 00	206	605 858 00	201
593 013 00 N	110	597 002 00 N	108	600 251 00	205	603 634 00	206	606 228 00	204
593 014 00 G	110	597 002 02 G	108	600 252 00	205	603 640 00	206	607 100 00 GO	197
593 014 00 I	110	597 002 02 I	108	600 253 00	205	603 650 00	206	607 200 00 GO	197
593 014 00 N	110	597 002 02 N	108	600 511 00	44	603 660 00	206	607 201 00 GO	197
593 901 00	103, 110	597 012 00 G	108	600 512 00	44	603 670 00	206	607 201 01 GO	197
593 901 10	103, 110	597 012 00 I	108	600 513 00	44	603 703 00	201	607 211 00 GO	197
594 130 00	97	597 012 00 N	108	600 514 00	44	603 730 00	201	607 240 00	95
595 252 00	207	597 013 00 G	108	600 517 00	44	604 427 00	95	607 300 00 GO	197
595 257 00	101, 207	597 013 00 I	108	600 518 00	44	604 427 01	95	607 301 00 GO	197
595 258 00	101	597 013 00 N	108	600 533 00	96, 202	604 428 00	95	607 301 01 GO	197
595 262 00	101, 207	597 014 00 G	108	600 533 02	96, 202	604 428 01	95	607 310 00 GO	197
595 262 01	101, 207	597 014 00 I	108	600 534 00	93	604 430 00	199	607 311 00 GO	197
596 001 00	115	597 014 00 N	108	600 536 00	202	604 431 00	95	607 321 00 GO	197
596 002 00	115	599 120 00	125	600 551 00	202	604 432 00	95, 199	607 331 00 GO	197
596 003 00	115	599 120 01	125	600 558 00	96, 202	604 434 00	199	607 340 00	95
591 001 00 G	109	599 120 10	125	600 558 03	96, 202	604 435 00	95	607 400 00 GO	197
591 001 00 I	109	599 120 11	125	600 558 15	96	604 435 01	95	607 401 00 GO	197
591 001 00 N	109	599 130 00	125	600 559 00	93, 203	604 436 00	95, 199	607 411 00 GO	197
591 002 00 G	109	599 130 10	125	600 559 02	93, 203	604 436 01	95	607 801 00 GO	197
591 002 00 I	109	599 200 00	126	600 561 00	202	604 580 00	201	607 802 00 GO	197
591 002 00 N	109	599 200 12	126	600 562 00	202	604 616 00	201	607 803 00 GO	197
591 003 00 G	109	599 300 00	125	600 563 00	202	604 635 00	92	607 804 00 GO	197
591 003 00 I	109	599 300 10	125	600 581 00	202	604 635 01	92	607 813 00 GO	197
591 001 00 N	109	599 400 00	116	600 590 00	203	604 635 33	92	607 823 00 GO	197
591 011 00 G	109	599 400 10	116	600 590 03	203	604 635 81	92	607 910 00	197
591 011 00 I	109	599 410 00	116, 123	600 620 00	204	604 635 82	92	607 911 00	197
591 011 00 N	109	599 650 00	126	600 635 00	202	604 643 00	201	607 912 00	197
591 012 00 G	109	599 650 10	126	600 637 00	202	604 835 00	92, 201	607 915 00	197
591 012 00 I	109	599 652 00	126	600 679 00	204	604 881 00	201	607 916 00	197
591 012 00 N	109	599 652 10	126	600 681 00	204	605 050 00	115	607 917 00	197
591 013 00 G	109	599 658 00	126	600 682 00	204	605 052 00	115	607 920 00	197
591 013 00 I	109	599 658 10	126	600 685 00	201	605 053 00	115	607 921 00	197
591 013 00 N	109	600 022 00	206	600 690 00	201	605 054 00	115	607 922 00	197
591 021 00 G	109	600 023 00	206	600 691 00	201	605 054 01	115	607 931 00	197
591 021 00 I	109	600 024 00	206	600 701 00	201	605 055 00	115	607 932 00	197
591 021 00 N	109	600 025 00	206	600 703 00	201	605 056 00	115	607 933 00	197
591 022 00 G	109	600 160 00	147	600 706 00	201	605 057 00	115	607 934 00	197
591 022 00 I	109	600 161 00	147	600 707 00	201	605 058 00	115	607 935 00	95, 197
591 022 00 N	109	600 162 00	147	601 560 02	91	605 059 00	115	607 936 00	95, 197
591 024 00 G	109	600 163 00	147	601 562 00	96	605 060 00	115	607 942 00	95, 197
591 024 00 I	109	600 164 00	147	601 965 00	201	605 061 00	115	607 944 00	95, 197
591 024 00 N	109	600 165 00	147	602 022 00	201	605 062 00	115	609 211 00	201
597 001 00 G	108	600 210 00	43	602 544 00	96	605 074 01	43, 97	610 000 00	97, 206
597 001 00 I	108	600 210 01	43	602 635 00	92	605 074 02	43, 97	610 000 03	97, 206
597 001 00 N	108	600 240 00	205	602 635 01	92	605 078 00	97	610 000 03-V	206
597 001 02 G	108	600 241 00	205	602 636 00	92	605 170 02	90	610 000 04	206
597 001 02 I	108	600 242 00	205	602 835 00	92	605 175 00	97, 203	610 000 06	206
597 001 02 N	108	600 243 00	205	603 250 00	201	605 176 00	92	610 000 40	101, 145, 207
597 001 12 G	108	600 244 00	205	603 580 00	140	605 426 00	199	610 001 00	206

Depagne references (continued)

Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages
610 002 00	206	674 002 00	43	721 010 14	139	722 006 50	137	900 021 01	112
610 003 00	97, 206	674 005 00	43	721 010 30	139	722 006 52	137	900 022 00	212
610 003 01	206	674 006 00	43	721 010 34	139	722 006 60	137	900 023 00	212
610 004 00	206	674 007 00	43	721 010 50	139	722 006 62	137	900 030 00	213
610 005 00	206	674 008 00	43	721 010 54	139	722 007 10	137	900 031 00	213
610 006 00	206	674 008 01	43	721 010 70	139	722 007 12	137	900 041 00	27, 30, 31, 33, 35, 49, 222
611 000 00	93, 96, 206	674 010 00	43, 97	721 010 74	139	722 007 20	137	900 051 00	214
611 000 01	206	674 012 00	43	721 010 80	139	722 007 22	137	900 052 00	214
611 000 02	206	674 015 00	43	721 010 84	139	722 007 30	137	900 060 00	214
611 000 03	206	674 016 00	43	721 010 90	139	722 007 32	137	900 060 01	101
611 000 05	206	674 017 00	43	721 010 94	139	722 007 40	137	900 060 02	101
611 000 05-V	206	674 030 00	43	721 011 10	139	722 007 42	137	900 062 00	214
611 000 06	206	674 048 00	102	721 011 14	139	722 007 50	137	900 062 01	101
611 000 10	206	674 048 02	102	721 011 30	139	722 007 52	137	900 062 02	101
611 000 11	206	674 049 00	102	721 011 34	139	722 007 60	137	900 063 00	214
611 578 00	201	674 049 02	102	721 011 50	139	722 007 62	137	900 064 00	214
612 000 00	206	674 053 00	102	721 011 54	139	731 001 00	143	900 066 00	214
613 204 61	43	674 053 02	102	721 011 70	139	732 001 00	143	900 067 00	35
614 000 00	206	674 056 00	102	721 011 74	139	733 000 00	144	900 068 00	35
616 000 00	206	674 056 02	102	721 011 80	139	733 901 00	145	900 069 00	35
616 000 01	206	674 056 20	102	721 011 84	139	733 902 00	145	900 070 00	215
620 000 00	206	674 057 00	102	721 011 90	139	734 000 00	144	900 083 00	64
621 000 00	96, 206	674 057 02	102	721 011 94	139	735 001 00	143	900 086 00	64
621 000 01	206	674 058 00	102	721 012 10	139	737 001 00	143	900 088 00	215
624 000 00	206	674 058 02	102	721 012 14	139	738 001 00	144	900 090 00	101
625 427 00	95	674 058 12	102	721 012 30	139	739 001 00	143	900 092 00	101
625 427 01	95	674 058 20	102	721 012 34	139	740 001 00	144	900 169 00	212
625 428 00	95	674 058 23	102	721 012 50	139	751 316 00	146	900 251 00	64
626 000 00	206	674 059 00	102	721 012 54	139	751 416 00	146	900 251 01	64
626 001 00	206	674 059 02	102	721 012 70	139	752 516 00	146	900 252 00	64
626 002 00	206	674 060 00	102	721 012 74	139	752 532 00	146	900 261 00	64
626 005 00	206	674 061 00	102	721 012 80	139	753 516 00	146	900 261 01	64
628 000 00	206	674 061 02	102	721 012 84	139	753 532 00	146	900 262 00	64
630 000 00	206	674 063 00	102	721 012 90	139	755 001 00	146	900 270 00	64
630 001 00	206	674 063 02	102	721 012 94	139	755 002 00	146	900 273 00	64
652 115 00	195	674 064 00	102	721 079 00	183	900 001 00	213	900 274 00	64
652 116 00	195	674 065 00	102	721 079 40	183	900 002 00	213	900 280 00	64
652 216 00	195	674 101 00	43	721 079 50	183	900 003 00	48, 101	900 503 00	102, 103, 112
652 117 00	195	674 102 00	43	721 079 51	183	900 005 00	48, 101	900 503 10	102, 103
652 217 00	195	674 105 00	43	721 079 61	183	900 006 00	213	900 504 00	102, 104, 105
652 218 00	195	674 111 00	43	721 079 71	183	900 007 00	212	900 504 10	102, 104, 105
652 219 00	195	674 112 00	43	721 079 72	183	900 008 00	212	900 506 00	104, 105
652 815 00	195	674 207 00	74	721 079 80	183	900 009 00	213	900 506 01	102, 103
652 816 00	195	674 209 00	75, 147	721 079 81	183	900 009 10	45	900 550 00	35, 010
652 816 00	195	674 210 00	96	721 079 90	183	900 009 11	45	900 550 01	35, 101
652 817 00	195	674 211 00	74	721 079 91	183	900 009 20	45	900 554 01	35, 73, 74, 101
652 818 00	195	674 212 00	92	722 001 20	135	900 010 00	213	900 570 00	35
652 901 00	195	674 261 01	75	722 001 40	135	900 011 00	213	900 887 00	41, 43, 223
652 902 00	73, 74, 195	674 261 02	75	722 006 10	137	900 013 00	213	900 889 00	71, 223
652 903 00	195	711 014 00	142	722 006 12	137	900 013 10	213	901 250 00	145
652 904 00	195	716 004 00	142	722 006 20	137	900 013 11	213	901 250 01	145
652 906 00	195	716 005 00	142	722 006 22	137	900 013 12	213	901 966 70	64
652 908 00	195	716 006 00	142	722 006 30	137	900 013 14	213	902 424 00	206
673 019 00	27	716 007 00	142	722 006 32	137	900 014 00	213	902 427 00	206
673 033 00	27	716 008 00	142	722 006 40	137	900 020 00	213	902 429 00	206
674 001 00	43	721 010 10	139	722 006 42	137	900 021 00	212		

Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages
902 500 00	145	910 056 15	218	910 204 00	219	910 320 00	219	910 416 00	220
902 500 01	145	910 058 00	218	910 204 10	219	910 320 15	219	910 420 00	220
905 116 70	35, 101	910 060 00	218	910 206 00	219	910 325 00	219	910 425 00	220
905 182 01	101	910 060 15	218	910 206 10	219	910 325 10	219	910 432 00	220
905 184 01	101	910 062 15	218	910 208 00	219	910 325 15	219	910 435 00	220
905 250 00	178	910 064 15	218	910 208 10	219	910 332 00	219	910 440 00	220
905 275 00	180	910 065 15	218	910 210 00	219	910 332 15	219	910 450 00	220
905 335 42	178	910 066 15	218	910 212 00	219	910 340 00	219	910 463 00	220
905 413 00	222	910 080 00	31, 217	910 216 00	219	910 340 15	219	910 469 00	220
905 414 00	222	910 090 00	27, 30, 31,	910 216 10	219	910 350 00	219	910 470 00	220
905 700 00	212		49, 217, 221	910 220 00	219	910 350 10	219	910 471 00	220
905 700 01	112	910 101 00	218	910 220 10	219	910 350 15	219	910 472 00	220
905 930 00	180	910 102 00	218	910 225 00	219	910 352 10	219	910 473 00	220
905 931 00	180	910 102 15	218	910 225 10	219	910 354 00	219	910 474 00	220
909 500 60	59	910 104 00	218	910 232 00	219	910 354 10	219	910 475 00	220
909 500 80	61	910 104 15	218	910 232 10	219	910 356 00	219	910 476 00	220
910 000 00	218	910 106 00	218	910 240 00	219	910 356 10	219	910 477 00	220
910 001 00	218	910 106 15	218	910 240 10	219	910 358 00	219	910 478 00	220
910 002 00	218	910 108 00	218	910 250 00	219	910 358 10	219	910 479 00	220
910 002 15	218	910 108 15	218	910 250 10	219	910 360 00	219	910 480 00	220
910 004 00	218	910 110 00	218	910 252 00	219	910 360 10	219	910 481 00	220
910 004 15	218	910 110 15	218	910 252 10	219	910 363 00	219	910 482 00	220
910 006 00	218	910 112 00	218	910 254 00	219	910 363 15	219	910 483 00	220
910 006 15	218	910 112 15	218	910 254 10	219	910 372 00	219	910 489 00	220
910 008 00	218	910 116 00	218	910 256 00	219	910 372 10	219	910 491 00	220
910 008 15	218	910 116 15	218	910 256 10	219	910 376 00	219	910 492 00	220
910 010 00	218	910 120 00	218	910 258 00	219	910 376 10	219	910 530 00	33, 35, 216
910 010 15	218	910 120 15	218	910 258 10	219	910 380 00	219	910 531 00	33, 35, 216
910 011 00	215	910 125 00	218	910 260 00	219	910 380 10	219	910 532 00	33, 35, 216
910 011 00	218	910 125 15	218	910 260 10	219	910 380 15	219	910 533 00	33, 35, 216
910 012 00	218	910 132 00	218	910 272 00	219	910 381 00	219	910 534 00	217
910 012 15	218	910 132 15	218	910 272 10	219	910 381 15	219	910 570 00	220
910 016 00	218	910 151 00	218	910 276 00	219	910 382 00	219	910 571 00	220
910 016 15	218	910 151 15	218	910 276 10	219	910 382 10	219	910 572 00	220
910 017 00	215	910 152 00	218	910 280 00	219	910 382 15	219	910 573 00	220
910 020 00	218	910 152 15	218	910 280 10	219	910 383 00	219	910 574 00	220
910 020 15	218	910 154 00	218	910 285 00	219	910 383 10	219	910 575 00	220
910 021 00	215, 219	910 154 15	218	910 285 10	219	910 385 00	219	910 576 00	220
910 025 00	218	910 156 00	218	910 286 00	219	910 385 10	219	910 577 00	220
910 025 15	218	910 156 15	218	910 286 10	219	910 386 00	219	910 600 00	220
910 027 00	215	910 158 00	218	910 287 00	219	910 386 10	219	910 606 00	220
910 028 00	215	910 158 15	218	910 287 10	219	910 387 00	219	910 610 00	220
910 030 00	215	910 160 00	218	910 288 00	219	910 387 10	219	910 616 00	220
910 031 00	215, 219	910 160 15	218	910 288 10	219	910 388 00	219	910 620 00	220
910 038 00	215	910 171 00	64	910 302 00	219	910 388 10	219	910 625 00	220
910 039 00	215	910 172 00	218	910 304 00	219	910 389 00	219	910 632 00	220
910 040 00	215	910 172 15	218	910 306 00	219	910 389 10	219	910 635 00	220
910 050 00	33, 35, 216, 217, 220	910 176 00	218	910 306 15	219	910 390 00	219	910 640 00	220
		910 176 15	218	910 308 00	219	910 390 10	219	910 650 00	220
910 051 00	218	910 180 00	218	910 308 15	219	910 391 00	219	910 663 00	220
910 051 15	218	910 180 15	218	910 310 00	219	910 391 10	219	910 670 00	221
910 052 00	218	910 185 00	218	910 310 15	219	910 392 00	219	910 670 10	221
910 052 15	218	910 185 15	218	910 312 00	219	910 392 10	219	910 671 00	221
910 054 00	218	910 192 15	218	910 312 15	219	910 404 00	220	910 671 10	221
910 054 15	218	910 202 00	219	910 316 00	219	910 406 00	220	910 672 00	221
910 056 00	218	910 202 10	219	910 316 15	219	910 410 00	220	910 672 10	221

Depagne references (continued)

Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages
910 673 00	221	910 885 00	221	911 353 00	224	922 024 90	180	943 104 01	178
910 673 10	221	910 885 10	221	911 354 00	224	922 024 91	180	943 111 00	178
910 674 00	221	910 886 00	221	911 355 00	224	922 024 92	180	943 112 00	178
910 674 10	221	910 886 10	221	911 440 00	225	922 030 00	180	943 114 00	178
910 675 00	221	910 887 00	221	911 441 00	225	922 031 00	180	943 122 00	178
910 675 10	221	910 887 10	221	911 451 00	224	922 032 00	180	943 124 00	178
910 680 00	220	910 888 00	221	912 000 00	27, 30, 49, 217	922 039 00	180	943 132 00	178
910 681 00	220	910 889 00	221	912 001 00	27, 30, 49, 217	922 051 00	178	943 134 00	178
910 682 00	220	910 899 00	221	912 002 00	27, 30, 49, 217	930 003 00	67	943 201 00	178
910 683 00	220	910 900 00	221	912 003 00	49, 217	930 004 00	67	943 202 00	178
910 700 00	221	910 900 10	221	912 004 00	49, 217	930 005 00	67	943 202 01	178
910 763 00	221	910 901 00	221	912 005 00	49, 217	930 006 00	67	943 204 00	178
910 763 10	221	910 901 10	221	912 080 00	217	930 007 00	67	943 204 01	178
910 780 00	221	910 902 00	221	912 260 00	224	930 009 00	67	943 211 00	178
910 780 10	221	910 902 10	221	912 261 00	224	930 010 00	67	943 212 00	178
910 781 00	221	910 903 00	221	912 262 00	224	931 000 00	189, 207	943 214 00	178
910 781 10	221	910 903 10	221	912 502 00	31, 217	931 010 00	189, 207	943 222 00	178
910 782 00	221	910 904 00	221	912 503 00	31, 217	936 581 00	101, 145, 207	943 224 00	178
910 782 10	221	910 904 10	221	912 504 00	31, 217	936 581 01	101, 145, 207	943 232 00	178
910 783 00	221	910 905 00	221	912 505 00	217	941 020 60	93	943 234 00	178
910 783 10	221	910 905 10	221	912 506 00	217	941 020 61	93	944 004 00	71
910 784 00	221	910 906 00	221	912 507 00	217	941 040 00	100	944 005 00	178
910 784 10	221	910 909 00	221	912 682 00	31	941 041 00	100	947 216 00	178
910 785 00	221	910 910 00	221	912 683 00	31	941 045 00	100	947 216 01	178
910 785 10	221	910 911 00	221	912 684 00	31	941 045 01	35	947 232 00	178
910 786 00	221	910 911 10	221	912 685 00	31	941 060 00	100	947 332 00	178
910 786 10	221	910 912 00	221	920 002 00	179	941 061 00	100	947 333 00	178
910 787 00	221	910 912 10	221	920 002 00 BE	179	941 065 00	100	947 416 00	178
910 787 10	221	910 913 00	221	920 006 00	179	941 065 01	35	947 432 00	178
910 863 00	217	910 913 10	221	920 007 00	182	941 070 00	100	947 463 00	178
910 869 00	221	910 914 00	221	920 008 00	179	941 071 00	100	947 463 01	178
910 870 00	221	910 914 10	221	920 019 00	179	941 075 00	100	947 525 01	178
910 870 10	221	910 950 00	221	920 020 00	114, 179	941 075 01	35	947 532 00	178
910 871 00	221	911 247 00	225	920 211 00	179	941 080 00	100, 145	947 550 00	178
910 871 10	221	911 248 00	225	920 212 00	179	941 081 00	100	947 563 00	178
910 872 00	221	911 248 01	225	920 311 00	179	941 085 00	100	947 650 00	178
910 872 10	221	911 248 81	223	920 312 00	179	941 085 01	35	950 001 00	207
910 873 00	221	911 250 00	225	920 411 00	179	941 110 00	75, 101, 178, 207	950 001 05	180
910 873 10	221	911 251 00	225	920 412 00	179	941 110 01	178	950 008 00	147
910 874 00	221	911 255 00	225	920 611 00	179	941 110 02	101, 178, 207	951 003 01	207
910 874 10	221	911 259 00	223	920 612 00	179	941 125 00	178	951 006 00	182
910 875 00	221	911 264 00	223	922 000 00	181	941 200 00	181	951 008 00	101, 207
910 875 10	221	911 265 00	223	922 009 00	180	942 102 00	178	951 160 00	222
910 876 00	221	911 340 00	224	922 010 00	180	942 102 01	178	951 400 00	222
910 876 10	221	911 341 00	224	922 010 02	180	942 104 00	178	954 001 01	100
910 878 00	221	911 342 00	224	922 010 03	180	942 108 00	178	954 001 10	100
910 879 00	221	911 343 00	224	922 010 07	180	942 109 00	178	954 001 11	100
910 880 00	221	911 344 00	224	922 014 00	180	942 121 00	178	954 002 01	100
910 881 00	221	911 345 00	224	922 016 00	180	942 122 00	178	954 002 10	100
910 881 10	221	911 346 00	224	922 020 01	180	942 122 01	178	954 002 11	100
910 882 00	221	911 347 00	224	922 020 05	180	942 132 00	178	954 006 10	100
910 882 10	221	911 348 00	224	922 022 25	180	942 210 00	178	954 006 16	100
910 883 00	221	911 349 00	224	922 022 40	180	943 101 00	178	954 006 20	100
910 883 10	221	911 350 00	224	922 022 63	180	943 102 00	178	954 006 25	100
910 884 00	221	911 351 00	224	922 024 40	180	943 102 01	178	954 006 32	100
910 884 10	221	911 352 00	224	922 024 63	180	943 104 00	178	954 006 40	100

Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages	Depagne ref.	Pages
954 006 50	100	954 082 00	101, 181, 207, 223	954 291 00	206	970 061 95	222	988 100 01	76
954 006 63	100	954 082 01	101, 181, 207, 223	954 292 00	206	970 062 35	222	988 102 00	77
954 007 01	100	954 082 02	101, 181, 207, 223	954 501 00	101	970 062 50	222	988 102 01	77
954 007 10	100	954 082 03	101, 181, 207, 223	954 502 00	101	970 062 70	222	988 110 00	77
954 007 11	100	954 083 00	207, 223	954 510 00	101	970 123 00	145	988 112 00	77
954 009 10	100	954 084 00	207, 223	954 511 00	101	970 125 00	145	988 114 00	77
954 009 16	100	954 084 01	207, 223	954 512 00	101	970 126 00	145	988 116 00	77
954 009 20	100	954 085 00	73, 74, 207, 223	954 513 00	101	970 127 00	145	988 118 00	77
954 009 25	100	954 088 00	181, 207, 223	954 514 00	101	970 143 00	145	988 120 00	77
954 009 32	100	954 089 00	101, 207	954 515 00	101	970 146 00	145	988 122 00	77
954 016 10	100	954 090 00	101, 207	954 516 00	101	970 223 00	145	988 124 00	77
954 016 16	100	954 091 00	223	954 517 00	101	970 226 00	145	988 126 00	77
954 016 20	100	954 092 00	41, 43, 71, 223	954 518 00	101	970 243 00	145	988 128 00	77
954 016 25	100	954 094 00	181, 207, 223	954 519 00	101	970 246 00	145	988 130 00	77
954 016 32	100	954 097 00	41, 43, 71, 223	954 522 00	101	970 323 00	145	988 132 00	77
954 016 40	100	954 098 00	73, 74, 207, 223	954 529 00	101	970 326 00	145	988 134 00	77
954 016 50	100	954 099 00	207, 223	954 533 00	101	970 343 00	145	988 136 00	77
954 016 63	100	954 101 00	207	954 534 00	101	970 346 00	145	988 138 00	77
954 020 00	143, 144, 201, 204	954 102 00	207	954 536 00	101	971 000 00	222	988 150 00	77
954 021 00	73	954 103 00	207	954 538 00	101	971 010 95	222	988 845 00	71
954 022 00	201	954 107 00	101, 145, 181, 207	954 539 00	100	971 250 00	222	988 845 01	71
954 023 00	204	954 108 00	101, 145, 181, 207	954 580 00	143, 201	971 630 00	222	988 850 00	71
954 026 10	100	954 109 00	111, 226	954 601 01	127	980 210 00	71	988 905 00	69
954 026 16	100	954 111 00	111, 226	954 602 00	127	980 212 00	71	988 906 10	70
954 026 20	100	954 113 00	111, 226	954 610 00	102, 103, 104, 105	980 216 00	71	988 915 00	69
954 026 25	100	954 116 00	111, 226	954 643 00	201	980 220 00	71	988 918 10	70
954 026 32	100	954 121 00	111, 226	954 700 00	100	980 232 00	72	988 926 10	70
954 026 40	100	954 129 00	226	954 701 00	100	980 232 01	72	988 936 10	70
954 026 50	100	954 136 00	226	954 702 00	100	980 232 02	72	988 940 00	71
954 026 63	100	954 148 00	226	954 703 00	100	980 232 03	72		
954 030 00	114	954 210 00	96, 142, 202	954 704 00	100	980 232 04	72		
954 032 00	113	954 212 00	96, 202	954 708 00	100	980 232 05	72		
954 034 00	113	954 213 00	92, 93, 142,	954 709 00	100	980 232 06	72		
954 036 00	113		143, 202, 203	954 810 00 G	199	980 232 07	72		
954 040 00	114	954 215 00	202	954 811 00	95	980 232 08	72		
954 041 00	114	954 216 00	204	954 811 00 G	199	980 232 09	72		
954 042 00	114	954 218 00	143, 202, 203	954 812 00	95	980 233 00	72		
954 044 00	114	954 219 00	73, 201, 204	954 812 00 G	199	980 235 00	72		
954 051 00	207, 223	954 223 00	92	954 814 00 G	199	980 235 01	72		
954 052 00	207, 223	954 230 00	145, 207	954 815 00 G	199	980 235 90	72		
954 052 02	207, 223	954 233 00	145	954 816 00 G	199	980 235 92	72		
954 053 00	207, 223	954 260 00	206	954 881 00	201	980 236 00	72, 75		
954 054 00	207, 223	954 270 00	43, 75, 92, 93,	954 965 00	201	980 237 00	72, 75		
954 054 02	207, 223		96, 97, 142, 206	970 010 95	222	980 237 01	72, 75		
954 058 00	73, 74, 207, 223	954 271 00	75, 96, 206	970 011 50	222	980 238 00	72, 75		
954 059 00	73, 74, 207, 223	954 272 00	93, 142, 206	970 012 40	222	980 238 01	72, 75		
954 060 00	113	954 273 00	92, 206	970 020 95	222	980 239 00	72, 75		
954 061 00	113	954 274 00	43, 75, 97, 112	970 021 50	222	980 239 01	72, 75		
954 062 00	113	954 274 01	43, 75, 97, 112	970 022 40	145, 222	980 240 00	71		
954 063 00	113	954 274 10	111	970 030 00	145, 222	980 243 00	41, 43, 71, 223		
954 064 00	113	954 275 10	67, 111	970 046 00	145	980 244 00	71		
954 069 10	113	954 276 00	67, 112	970 047 00	145	980 249 00	73, 74		
954 069 20	113	954 280 00	96, 97, 142, 206	970 060 35	222	981 000 00	206		
954 070 00	101, 207	954 281 00	96, 206	970 061 16	222	981 160 00	222		
954 080 00	101, 207	954 282 00	92, 93, 142, 206	970 061 35	222	982 001 00	207		
954 081 00	101, 207, 223	954 290 00	206	970 061 70	222	988 100 00	76		



01

Power supply solutions for apartment blocks and housing estates

FOR ELECTRICAL RISERS INDIVIDUAL AND COLLECTIVE CONNECTION

• Electrical risers.....	20
• Power supply solutions for apartment blocks and housing estates	22
• Configurations of standard NF C 14-100.....	24
• Range of boxes located at the bottom of buildings with CCPC (Collective Main Cutout)	
ECP2D Boxes and pedestals.....	26
ECP3D Boxes and pedestals.....	26
REMBT pedestals, Low Voltage Modular Emerging Connection.....	28
• Riser boxes range	
Disconnection/protection boxes with subtransmission box, version SPCM (Disconnection, Protection, Multiple Risers) HN 62-S-16 amendment 2.....	30
Switch cutout and mains supply boxes HN 62-S-16.....	31
• Riser distributors range HN 62-S-35	32
Floor distributors for interchangeable CPF.....	33
Floor distributors for CCPI	34
• Individual electrical connection boxes range	
Individual Electrical Connection Boxes (CIBE).....	36
Individual connection outdoor boxes HN 62-S-22.....	38
• Electric metering and connection boxes range	
HN 62-S-20 boxes and panels.....	42
• Equipped European cabinets range.....	44
• Disconnection cabinets.....	46
• Urban low voltage switchboard.....	48

Electrical RISERS



The rules applicable to electrical risers are defined in standard NF C 14-100: **Low-voltage mains installations.**



An **electrical riser** has a rated current of 200A or 400A.

It has a 400A rating in one of the following cases:

- if the total current of all levels is higher than 200A,
- if there is at least one single-phase customer feeder in limited power connection (formerly Blue Tariff) higher than 60A,
- if there is a monitored power connection (formerly Yellow Tariff) from 36 kVA to 120 kVA.

However, 400A risers with bottom feed (riser) may end with 200A distributors, if, from a certain level, the total current is less than 200A and if there is no monitored power connection or limited power connection of 90A (renovation only).

The conductor cross-section may decrease from the bottom to the top; changes of section being made in the distributors and a space between 3 levels, taking into account the cable type. Apart from these section changing points, no cable disconnection should be allowed:

- inlet distributor, change of conductor cross-section and type,
- level distributor, change only in conductor cross-section.

COLONELEC calculation software

DEPAGNE provides engineering firms, installers, project owners or managers and craftsmen with the COLONELEC electrical riser calculation software.

This simple and user-friendly tool (which runs on Windows), will help you size and model your designs to compile a complete connection file.



EQUIPMENT

**A complete solution dedicated
to electrical risers.**



Service entrance BOXES RANGE with CCPC

Products in this range are used at service entrances to allow a cutout and/or protection point.

Single, double, multiple or electrical room riser

- ECP2D boxes and pedestals
- ECP3D boxes and pedestals

Small collective (maximum 6 customers)

With a disconnection and/or protection point for each individual branch.

- REMBT pedestals



Riser boxes range

Products in this range are used in risers, indoors, to allow:

- a cutoff or protection point,
- a cutoff or protection point completed by 2 branches.

- SPCM boxes
- S16 cutout boxes (only for operation/replacement)



Riser DISTRIBUTORS range

Products in this range are used indoors to allow:

- individual branch points,
- disconnection and/or protection points for each individual branch,
- installation of a distribution riser.

- Floor distributors for CCPI: incoming cable and level
- Floor distributors for CPF: incoming cable and level
- Interchangeable CCPI and CPF



RISER ACCESSORIES range

Products for metering, remote reading and earth links in electrical risers.

- UNIVERSAL Single-phase panel 225x250 (see "Metering" chapter, page 50)
- Earth splitter
- Remote reader components

Power supply SOLUTIONS for apartment blocks and housing estates

Service entrance boxes with CCPC

ECP 3D box, multiple electrical riser

C1, C2, C3 Wiring diagrams



ECP2D box, distribution in an electrical room

C4 wiring diagram



REMBT pedestal, small collective

C5 wiring diagram



Riser boxes

Disconnection/protection box

With subtransmission box version SPCM



Riser distributors

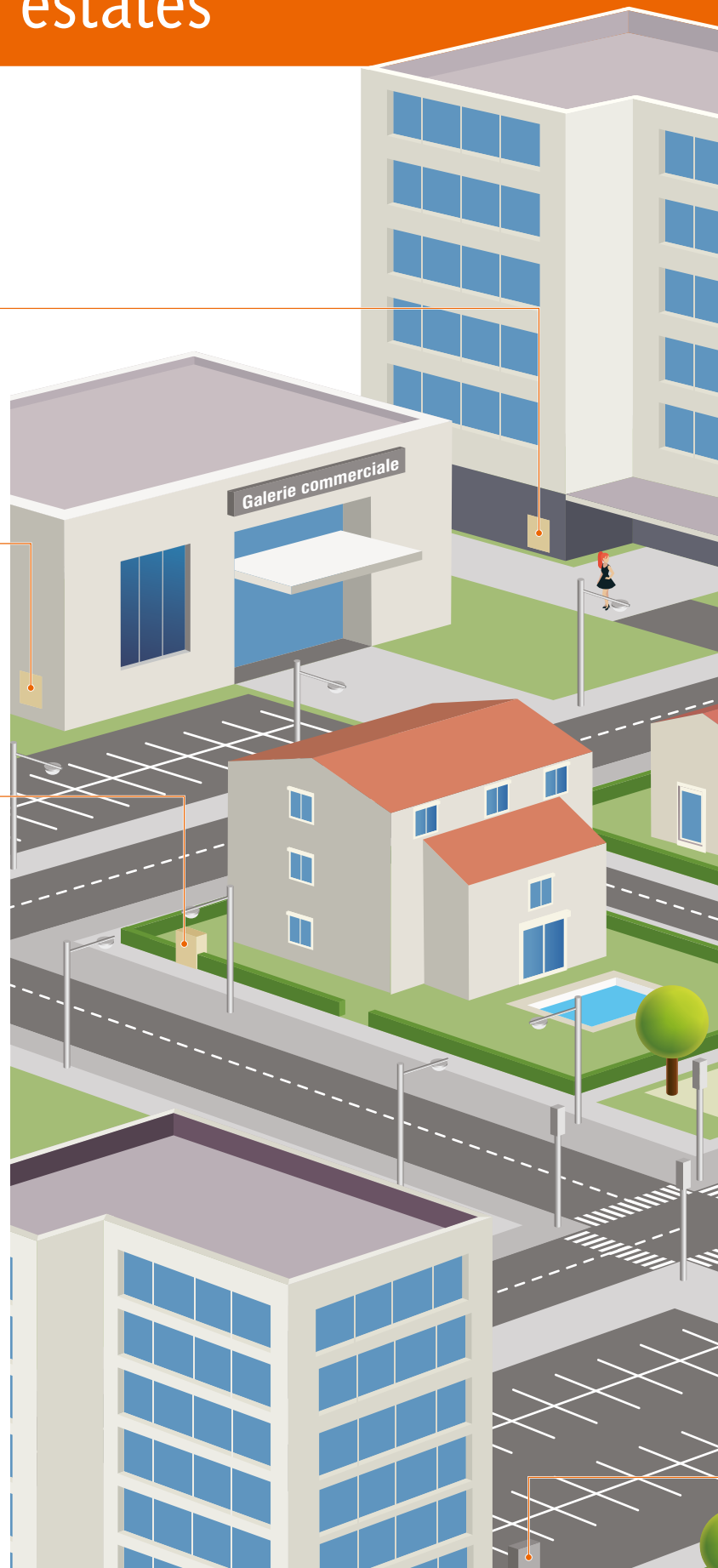
200A distributor

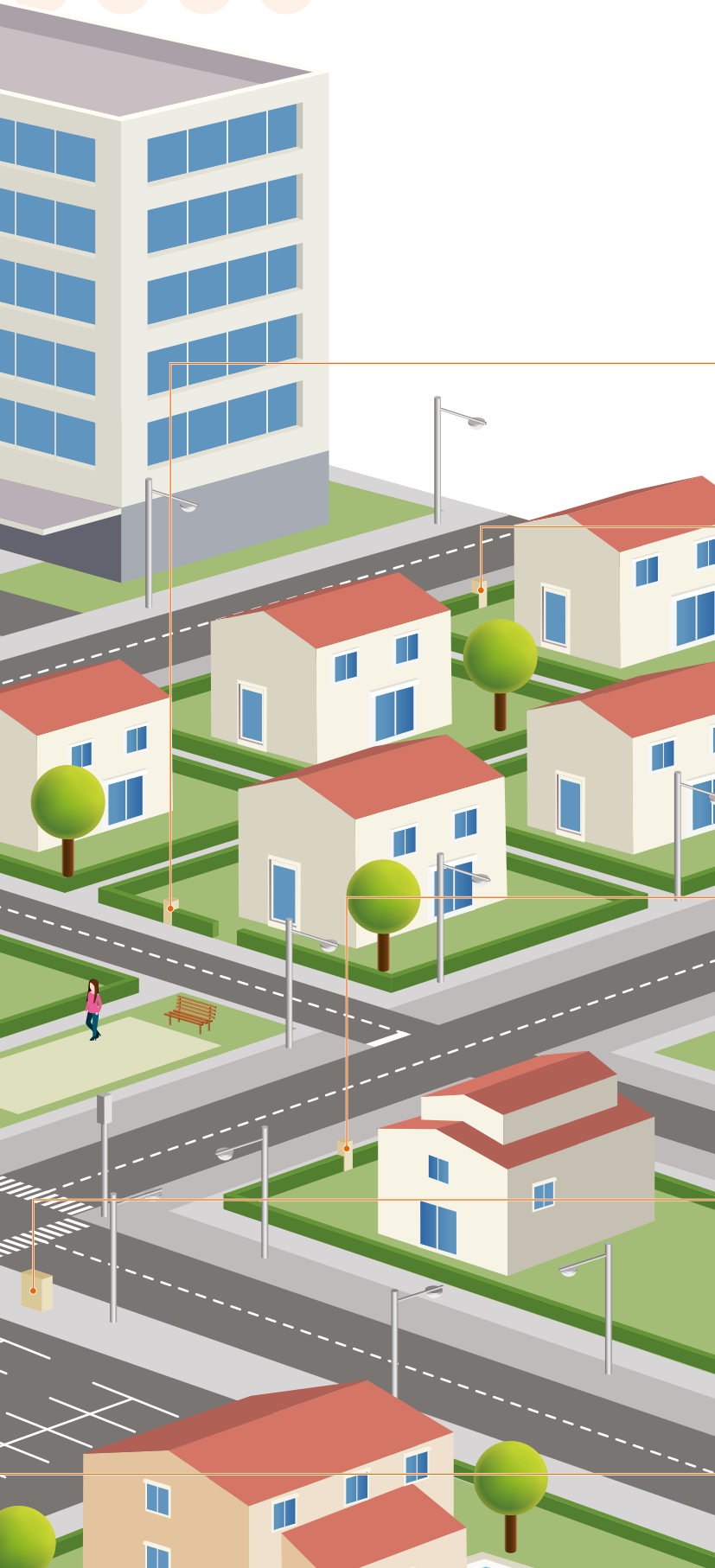
Incoming cable and level



400A distributor

Incoming cable and level





Individual electrical connection boxes

CIBE box

Single individual connection



CIBE pedestal

Individual connection on base



Connection boxes and electrical metering

S20 box

Individual metering on base



Disconnection cabinets

6 ways cabinets

Equipped with reduced size urban low voltage switchboard with one-piece feeders



European cabinets

Cabinet size 2

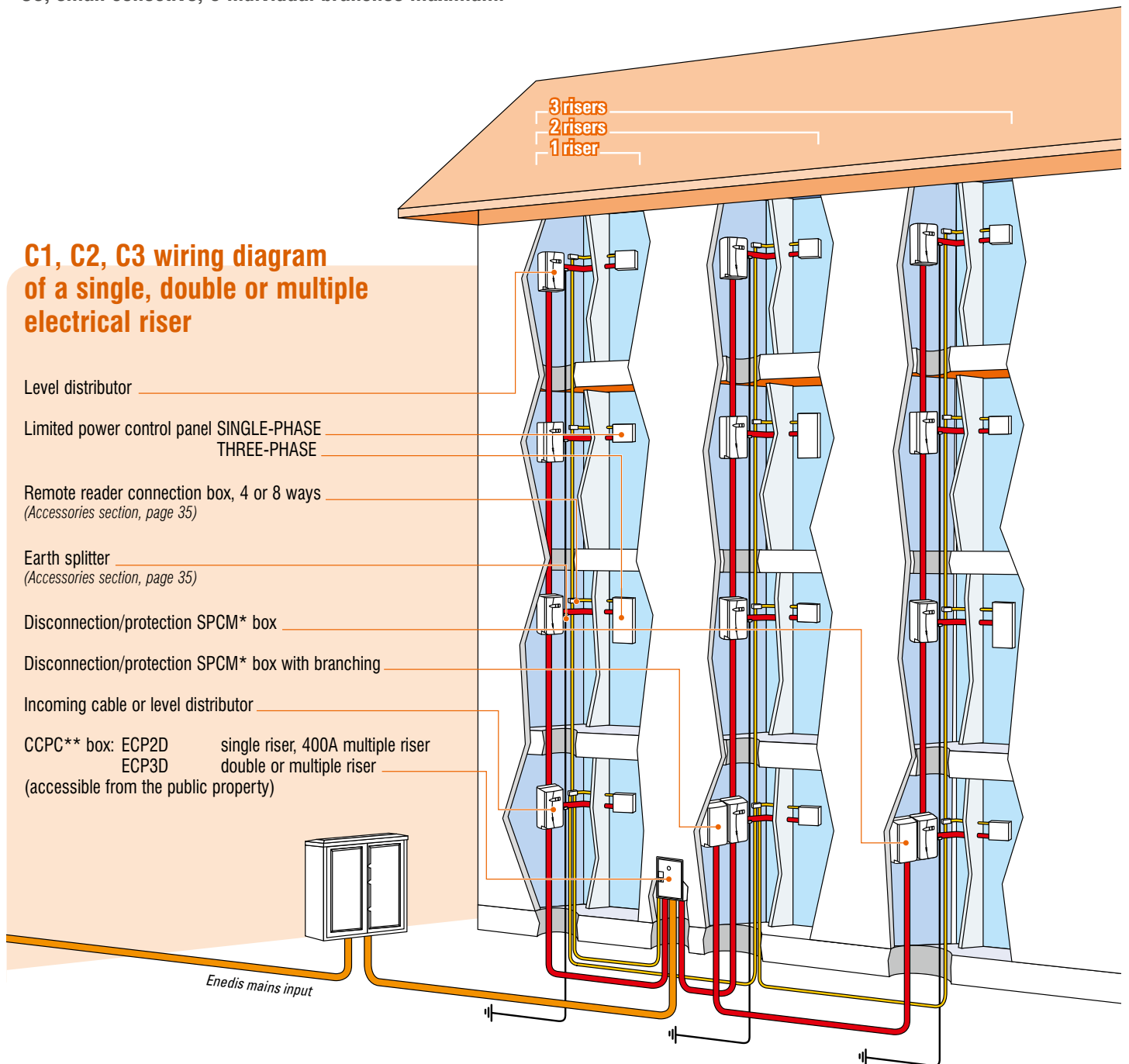
Equipped with terminal bars and disconnect neutrals



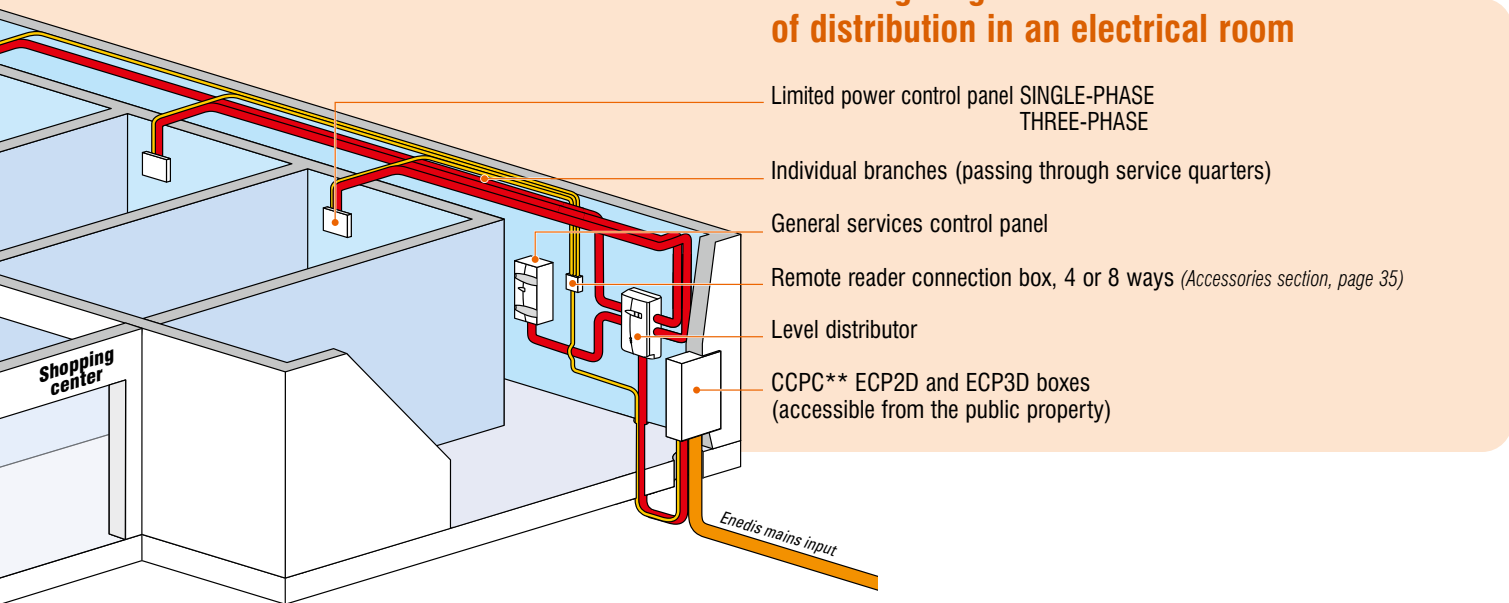
CONFIGURATIONS of standard NF C 14-100

Standard NF C 14-100 defines 5 supply principles in the collective system:

- C1, single riser,
- C2, double riser,
- C3, multiple riser (above 3 risers),
- C4, electrical room,
- C5, small collective, 6 individual branches maximum.



C4 wiring diagram of distribution in an electrical room



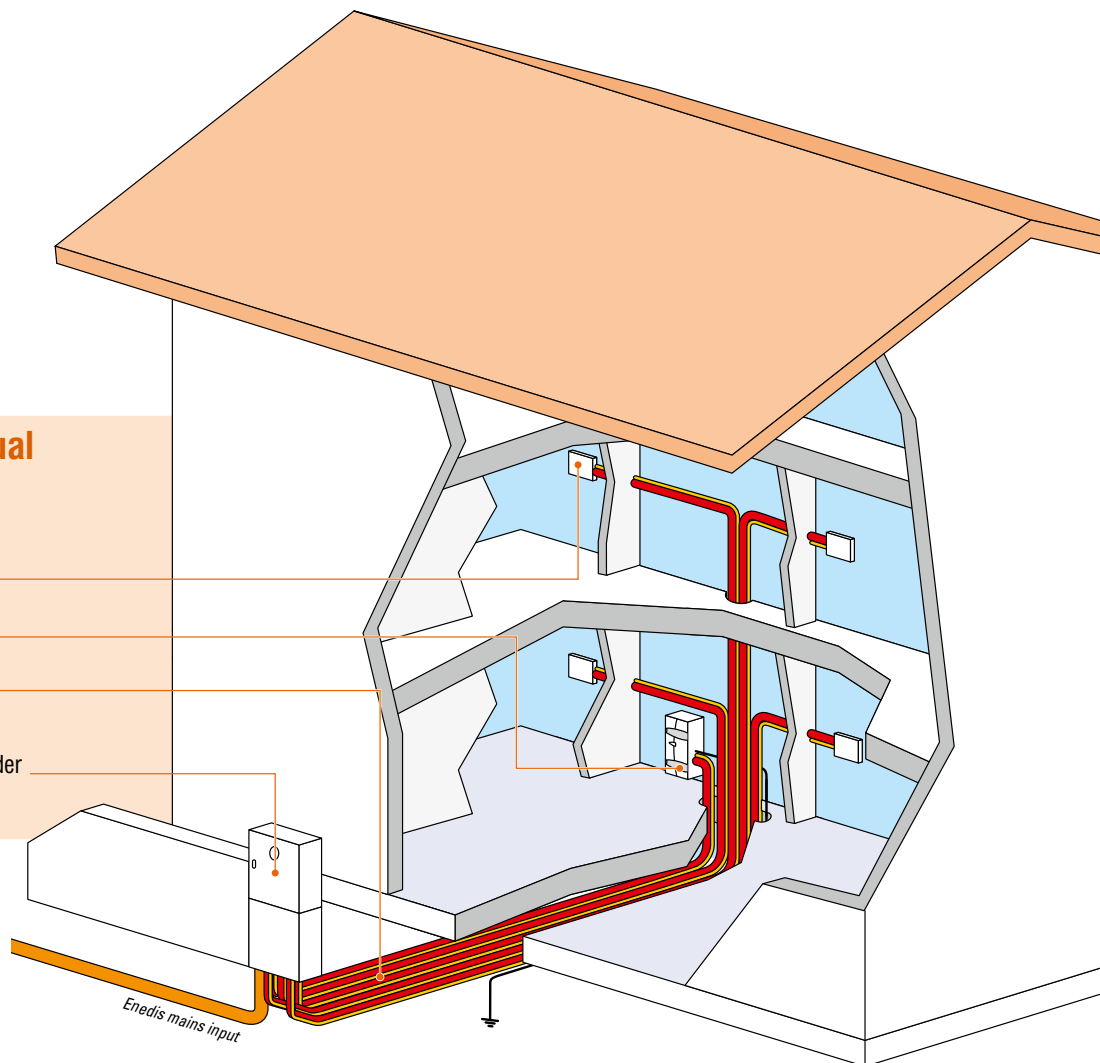
C5 wiring diagram small collective, 6 individual branches maximum

Limited power control panel SINGLE-PHASE
THREE-PHASE

General services control panel

Individual branches
(passing through service quarters)

REMBT*** box equipped with remote reader
(accessible from the public property)



* SPCM: Disconnection, Protection, Multiple Risers

** CCPC: Collective Main Cutout

*** REMBT: Low Voltage Modular Emerging Connection

Range of BOXES located at the bottom of buildings with CCPC (COLLECTIVE MAIN CUTOUT)

The range of collective main cut-out boxes must be always accessible from the public sector, without controlled access, to provide emergency shutdown. If power supply comes directly from a public distribution station, integrated into the building, the CCPC box is not compulsory. Its function is to disconnect the whole building, and the shared facilities or common areas.



Uniformity with ranges CIBE and REMBT

IP2X Data connection

Cables spreading (compact connection)

Box or pedestal

As an option: remote reading base plate

The existing materials are divided in three families:

- **ECP2D** single electrical riser, multiple riser (400A), technical room,
- **ECP3D** double riser, multiple riser, technical room,
- **REMBT** small collective (maximum 6 customers).

Boxes and pedestals ECP2D and ECP3D

The range of boxes and pedestals ECP2D is intended to be used:

- as Collective Main Cut-Out of a building including 1 single electrical riser,
- as Collective Main Cut-Out of a building including several 400A electrical risers,
- for technical room.

The range of boxes and pedestals ECP3D is intended to be used:

- as Collective Main Cut-Out of a building including 2 or several electrical risers,
- for protection of a monitored individual power connection box, for technical room.

Cabinets

Equipment made of glass fibre reinforced polyester (GRP), ivory colour.

Protection Degree: IP34D - IK10.

Equipment of 2 or 3 directions connector, for breaking bar or size 2 fuse cartridges, spacing 115 mm.

Top closing by panel with triangular lock.

Energy backfeed trap.

Connection capacity

Wired copper from 50 to 240 mm².

Wired aluminium from 50 to 240 mm².

Fixings

In the ground (box), in trench (pedestal), surface-mounted or embedded.

Standards

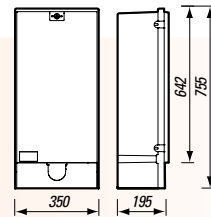
Comply with ENEDIS specifications ECP2D and 3D, HN 60 E 02 and HN 60 S 02.



ECP2D boxes and pedestals

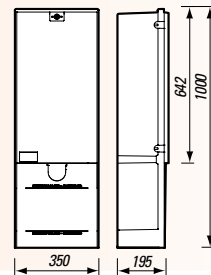
ECP2D boxes ivory

	Enedis sign	Enedis	Depagne
ECP2D box equipped with 2 directions connection		69 02 054	102 054 00



ECP2D pedestals ivory

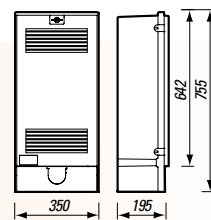
	Enedis sign	Enedis	Depagne
ECP2D box equipped with 2 directions connection		69 02 053	102 053 00



ECP3D boxes and pedestals

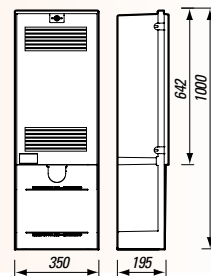
ECP3D boxes ivory

	Enedis sign	Enedis	Depagne
ECP3D box equipped with 3 directions connection		69 02 019	673 019 00



ECP3D pedestals ivory

	Enedis sign	Enedis	Depagne
ECP3D box equipped with 3 directions connection		69 02 033	673 033 00



Accessories

	Enedis	Depagne
Knife fuse cartridge NH gG size 2, spacing 115 mm	125A	69 43 007 912 000 00
	160A	912 001 00
	200A	69 43 009 912 002 00
Neutral knife cartridge NH size 2, spacing 115mm		69 43 450 910 090 00
Narrow extraction handle for fuse cartridges size 00 to size 3		69 41 284 900 041 00
Ivory remote reading base plate		44 49 002 181 000 00
Ivory remote reading base plate kit, supplied mounted		181 000 01

Other NH gG knife fuse cartridge, see page 217

Range of BOXES located at the bottom of buildings with CCPC (COLLECTIVE MAIN CUTOUT) (continued)

REMBT, Low Voltage Modular Emerging Connection

The REMBT pedestals range is intended to be used for small collective accommodation (6 individual branches maximum) making possible multiple network configurations due to its modular concept.

REMBT G3:

- the following modules are interchangeable between the builders:

- Direct Network Connection (RRD),
- Direct Junction Connection (RBD),
- Protected Junction Connection (RBP), as well as supporting lug accessories.

The modules can be installed equally on all bus bars, regardless of the module supplier and the source of the bus bar.

- the following modules are an exception to this rule because of their specific configuration:

- Cutout Network Connection (RRC),
- Protection Cutout Network Connection (RRCP),

The RRC or RRCP module from a manufacturer can be installed only on the bus bar made by the same manufacturer.

Specifications

HN 63-S-65 specification supplemented by its addendum A - Interchangeability - March 2006.

Degree of protection IP2X, modules in place and cable connected.

Class A according to NF C 63-061 for network connection modules (700 cycles).

Class B according to NF C 63-061 for protection cutout junction modules (200 cycles).

Tightening screws calibrated for tightening conductors.

Connection on bus bar using M12 screws.

Enclosures

Our range of enclosures allow multiple network configurations through their modular design.

They ensure a protection degree IP 43 and IK10.

The enclosures are moulded in reinforced fiberglass polyester. Ivory colour.

They can be embedded, surface-mounted or fixed in the ground by 4 sealing feet.

The access to electrical equipment is provided by a door with triangular lock.

3 types of enclosures complying with the width of standardized busbars:

- REMBT 300: bus bar 6 ranges (JDB 300),
- REMBT 450: bus bar 9 ranges (JDB 450),
- REMBT 600: bus bar 12 ranges (JDB 600).



REMBT 300



REMBT 450



REMBT 600

G3 brackets (standard bus bars)

The brackets identified G3 receive the G3 interchangeable modules.

The connection pads are directly fitted with the 400A resupply sockets through M12 tapped hole.

The spacing between the contact pads is 50 mm.



6 ranges (JDB 300)



9 ranges (JDB 450)



12 ranges (JDB 600)

G3 interchangeable connection modules

3 types of connection modules:

- 240 mm², mechanically tightened, with 3 Ph+N,
- 150 mm², mechanically tightened, with 3 Ph+N,
- 3x35 mm², mechanically tightened, with 3 Ph+N.

2 types of connection and protection cutout modules:

- 60A comprising 4 bases (3 Ph+N),
- 90A comprising 2 bases (Ph+N).

This system enables to:

- combine several network and/or connection functions at a given point,
- replace or add functions thanks to the system's modular design (even during operation, with IP2X protection facilitating live work),
- simplify installation as the configuration is done in the field,
- limit the number of installations in a housing estate and to facilitate resupply through standard M12 400A sockets,
- limit the number of cutout/metering boxes,
- feed several supply points from a single box,
- monitor the evolution of networks cost-effectively,
- centralise the cutout points (the subscriber is equipped with a limited power meter, formerly Blue Tariff),
- simplify maintenance work because each subscriber is perfectly identified from a single point.

The range of REMBT products includes:

- 3 models of 400A bus bar 300, 400 or 600 mm wide,
- 5 functional connection modules,
- 2 cutout and/or protection connection modules,
- locking using a triangle key.

Accessories:

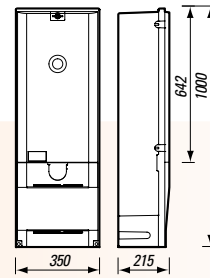
- maintenance tools: 1 set of supporting lugs, temporary resupply frame.



REMBT pedestals

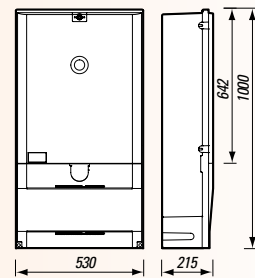
REMBT 300 pedestals ivory

		Depagne
REMBT 300 unequipped	Enedis sign	460 322 00



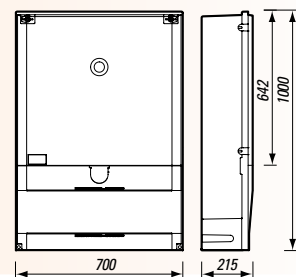
REMBT 450 pedestals ivory

		Depagne
REMBT 450 unequipped	Enedis sign	460 324 00



REMBT 600 pedestals ivory

		Depagne
REMBT 600 unequipped	Enedis sign	460 326 00



Accessories

		Enedis	Depagne
Interchangeable brackets (standard bus bars)	6 ranges (JDB 300)	67 70 512	540 860 00
	9 ranges (JDB 450)	67 70 522	540 861 00
	12 ranges (JDB 600)	67 70 532	540 862 00
Interchangeable modules	network module	50-240 mm ² (RRD 240)	67 71 700 540 870 00
		50-150 mm ² (RRD 150)	67 71 702 540 871 00
	spin-off connection module	3x35 mm ² (RBDT)	67 71 704 540 872 00
	fuse connection module	single-phase 60A (RBPM)	67 71 706 540 873 00
		three-phase 60A (RBPT)	67 71 708 540 874 00
	set of 4 "supporting lugs"	67 71 710	540 875 00
Non-interchangeable module RCP 400			540 879 00
Earthing connector with dielectric breakdown		67 31 735	540 731 00
Remote reader base ivory		44 49 002	181 000 00

Riser BOXES range

Disconnection/protection boxes with subtransmission box, version SPCM (Disconnection, Protection, Multiple Risers) HN 62-S-16 amendment 2

Protection and disconnection boxes with SPCM subtransmission boxes are placed after the CCPC, inside buildings, fixed on a wall.

They ensure the supply of multiples risers, protection of a monitored power connection or possibly (excluding Enedis's mandatory requirements: note SPCM V1) the supply of general services upstream of the disconnection of a riser.

They are used in:

- 200A disconnection: equipped with 4 isolating strips size 2 spacing 115 mm,
- 200A protection: equipped with 3 fuse cartridges and 1 neutral cartridge size 2 spacing 115 mm.

Rated voltage 440 V.

Terminals	minimum	maximum
35 mm ²	6 mm ²	35 mm ²
150 mm ²	16 mm ²	150 mm ²
240 mm ²	50 mm ²	240 mm ²

Degree of protection:


- closed cover: IPXXD according to NF EN 60529,
- open cover: IPXXB according to NF EN 60529,
- protection against mechanical impact: IK10 according to NF EN 62262.

Cone grommet as accessory allows the fanning out of cables.

Tightening capacity of terminals (copper or aluminium cable).

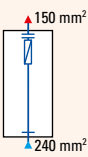
Standards

Complies with Enedis specification HN 63-S-16 and amendment 2 (january 2007) & HN 62-S-35, HN 60-S-01, HN 60-S-02 and HN 60-E-03.

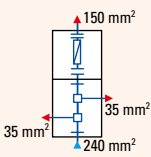


SPCM boxes cutout 200A white

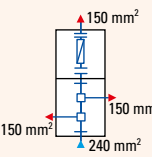
	Enedis	Depagne
Without branch	69 02 650	102 650 00
2 branches 35 mm ²	69 02 651	102 651 00
2 branches 150 mm ²	69 02 652	102 652 00



Without branch



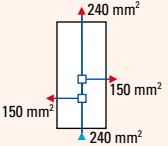
2 branches 35 mm²

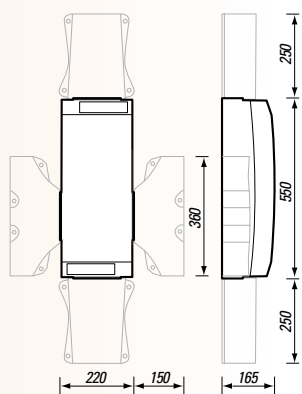


2 branches 150 mm²

SPCM box without cutout white

	Depagne
2 branches 150 mm ²	102 653 00





Accessories

	Enedis	Depagne
White cone grommet	long	102 654 01
	side short	102 654 02
Knife fuse cartridge NH gG, size 2, spacing 115 mm	125A	69 43 007
	160A	912 000 00
	200A	912 001 00
Neutral knife cartridge NH, size 2, spacing 115 mm	69 43 009	912 002 00
Neutral knife cartridge NH, size 2, spacing 115 mm	69 43 450	910 090 00
Narrow extraction handle for fuse cartridges size 00 to size 3	69 41 284	900 041 00

Other NH gG knife fuse cartridge, see page 221

Switch cutout and mains supply boxes HN 62-S-16

This equipment is used during operation for the replacement of existing equipment. For a new installation, please refer to SPCM cutout boxes.

Indoor boxes are defined by three functions: - switch cutout with fuses of 200A maximum, - disconnection by 400A strips, - mains distributors.

Rated voltage 440 V, to be mounted on the link to the junction network. Protection and disconnection boxes are fitted with the cartridges, with a spacing of 160 mm as standard, 115 mm on request. They are equipped with a single incoming cable and a single feeder.

The mains distributors are equipped with a single incoming cable but several line feeders.

Standards

Compliant with Enedis specifications: HN 62-S-16, HN 60-S-01 and HN 60-S-02 and HN 60-E-03.

Switch cutout box with 200A fuse grey

	Enedis	Depagne
1 incoming cable 95 mm ² , 1 feeder 95 mm ²	69 02 604	190 604 00

Disconnection box 400A grey

For fuse cartridges size 2, 200A maximum, with isolating strips 400A maximum. Connection capacity 240 mm² on incoming cable and feeder.

	Enedis	Depagne
1 incoming cable 240 mm ² , 1 feeder 240 mm ²	69 02 609	190 609 00

Mains supply distributor boxes grey

For branching of several lines. Connection capacity 35 to 240 mm² depending on definition.

	Enedis	Depagne
Diagram A		
1 incoming cable 35 mm ² , 3 feeders 35 mm ²	69 02 627	190 627 00
1 incoming cable 95 mm ² , 3 feeders 35 mm ²	69 02 626	190 626 00
2 incoming cables 95 mm ² , 2 feeders 35 mm ²	69 02 625	190 625 00
Diagram B		
2 incoming cables 150 mm ² , 2 feeders 95 mm ²	69 02 621	190 621 00
2 incoming cables 150 mm ² , 1 feeder 95 mm ² , 2 feeders 35 mm ²	69 02 622	190 622 00
2 incoming cables 150 mm ² , 4 feeders 35 mm ²	69 02 623	190 623 00
1 incoming cable 240 mm ² , 2 feeders 150 mm ²	69 02 624	190 624 00
2 incoming cables 240 mm ² , 2 feeders 95 mm ²	69 02 628	190 628 00

Boxes assembly

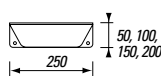
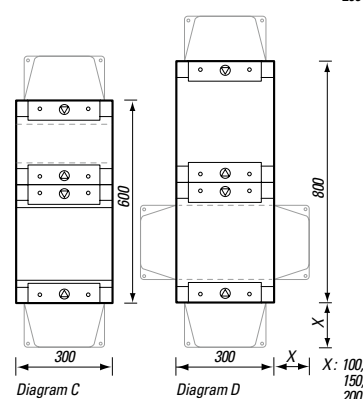
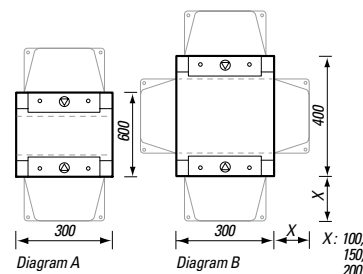
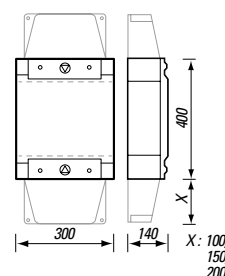
Assembled at the factory.

	Enedis	Depagne
Diagram C		
box 190 625 00 + box 190 604 00	69 02 641	190 641 00
box 190 604 00 + box 190 625 00	69 02 642	190 642 00
Diagram D		
box 190 604 00 + box 190 621 00	69 02 643	190 643 00
box 190 622 00	69 02 644	190 644 00
box 190 622 00	69 02 645	190 645 00
box 190 623 00	69 02 646	190 646 00
box 190 624 00	69 02 647	190 647 00
box 190 609 00 + box 190 624 00	69 02 648	190 648 00

Accessories

	Enedis	Depagne
Grey cone grommet	length 50 mm	69 02 682 912 682 00
	length 100 mm	69 02 683 912 683 00
	length 150 mm	69 02 684 912 684 00
	length 200 mm	69 02 685 912 685 00
NH gG knife fuse cartridge, size 2, spacing 160 mm	125A	69 43 408 912 502 00
	160A	69 43 479 912 503 00
	200A	69 43 413 912 504 00
Neutral knife cartridge NH, size 2, spacing 160 mm	69 43 449	910 080 00
Narrow extraction handle for fuse cartridges size 00 to size 3	69 41 284	900 041 00

Other NH gG knife fuse cartridge, see page 217



Riser DISTRIBUTORS range HN 62-S-35

This generation of distributors has the following characteristics:

- the cover is overlapping, closed by sealable triangular screws; this design facilitates mounting on a deformed bracket,
- to cover all possible scenarios during installation, the number of cable exits, fixing points and cable raceway under the distributor have been considerably increased,
- the distributor is made of synthetic insulating and self-extinguishing material,
- ergonomic assembly designed very carefully to ensure that:
 - all removable parts are captive (cover, CCPI strips),
 - safety has been improved particularly when using CCPI.

Standards

Complies with Enedis specifications HN 62-S-35, HN 60-S-01 and HN 60-S-02.

These devices are designed to meet the operating and implementation conditions set out in NF C 14-100.



Ergonomics

Ergonomic for better on-site integration and possible equipment.

Captive fasteners

The CCPI strip holder and the terminal box cover are hinge-mounted.

Optimised installation

Increased number of fixing points and cable exits and troughs under the distributor.

Main line connection terminal block (riser part)

Conductor connection:

- 200A: 25 to 95 mm² copper and 35 to 95 mm² aluminium,
- 400A: 50 to 240 mm² copper and aluminium.

Conductors fitted in the terminal boxes without removable parts.

Shear head tightening screw.

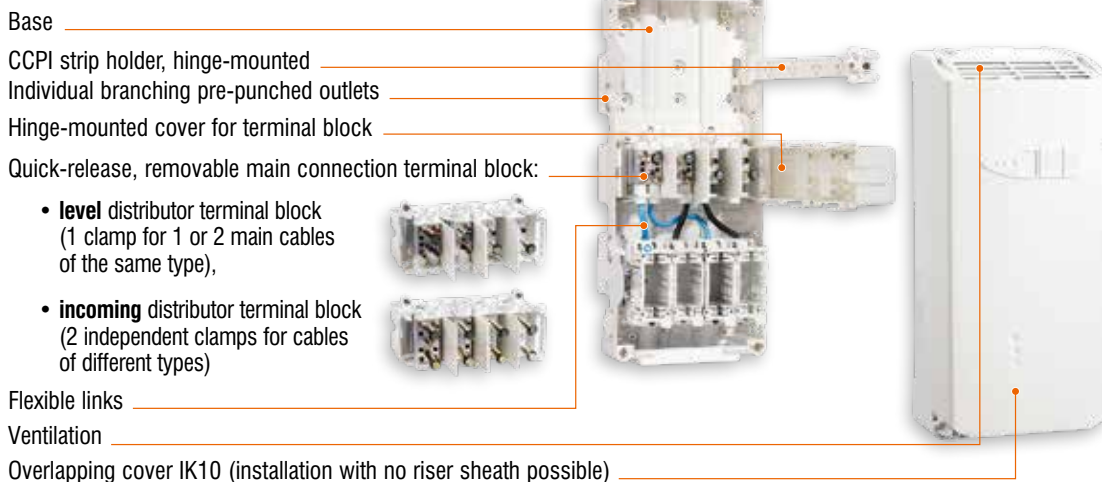
Protection by IPXXB cover with single opening.

Junction box (customer part)

Connection of flexible links from single-pole CCPI.

Capacity of 6 to 35 mm² copper and aluminium.

Capacity with reducer end-pieces of 35 to 95 mm².



Base

CCPI strip holder, hinge-mounted

Individual branching pre-punched outlets

Hinge-mounted cover for terminal block

Quick-release, removable main connection terminal block:

- **level** distributor terminal block (1 clamp for 1 or 2 main cables of the same type),
- **incoming** distributor terminal block (2 independent clamps for cables of different types)

Flexible links

Ventilation

Overlapping cover IK10 (installation with no riser sheath possible)

Floor distributors for interchangeable CPF

200A distributors white



Wiring diagrams up to 72 kVA:

- incoming distributor
(disconnection from incoming conductors possible)



3 single-phase



1 three-phase

- level distributor



6 single-phase



3 single-phase
1 three-phase

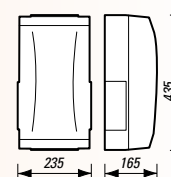


2 three-phase

Allowed connections:

- limited power connection: single-phase 60A, three-phase 60A,
- no monitored power connection.

		Enedis	Depagne
Unequipped	level 6 feeders	69 02 428	102 478 00
	incoming 3 feeders	69 02 429	102 479 00
Equipped with	level 6 feeders	equipped with 6 CPF units single-phase 60A	102 478 06
	incoming 3 feeders	equipped with 3 CPF units single-phase 60A	102 479 03



400A distributors white



Wiring diagrams up to 174 kVA:

- an adapter kit for monitored power is allowed in the lower part, incoming distributor
(disconnection from incoming conductors possible)



3 single-phase



1 three-phase

- level distributor



6 single-phase



3 single-phase
1 three-phase

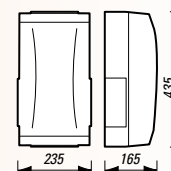


2 three-phase

Allowed connections:

- limited power connection: single-phase 60A and 90A, three-phase 60A,
- monitored power connection possible.

		Enedis	Depagne
Unequipped	level 6 feeders	69 02 478	102 480 00
	incoming 3 feeders	69 02 479	102 481 00
Equipped with	level 6 feeders	equipped with 6 CPF units single-phase 60A	102 480 06
	incoming 3 feeders	equipped with 3 CPF units single-phase 60A	102 481 03



Interchangeable Fuse Holder Connector (CPF)

CPF are fitted with: - knife neutral cartridge NH size 00,
- knife fuse cartridge NH type AD size 00.

In accordance with the Enedis technical specification, CPF are interchangeable from one manufacturer to another and are supplied as single-phase or three-phase units.

The connection is made using connectors with dielectric breakdown with capacity: 6 to 35 mm² copper and aluminium.

The customer cable is tightened with shear head screws so that the tightening torque is calibrated perfectly.



CPF for neutral cartridge

CPF for fuse cartridge

		Enedis	Depagne
CPF unit, size 00	60A	single-phase, 1 N + 1 Ph	69 40 524
		three-phase, 1 N + 3 Ph	69 40 525
Knife fuse cartridge NH AD, size 00	30A		69 43 516
	45A		69 43 514
	60A		69 43 513
	90A		69 43 520
Knife neutral cartridge NH size 00			69 43 512
Narrow extraction handle for fuse cartridges size 00 to size 3			69 41 284
			900 041 00

Riser DISTRIBUTORS range HN 62-S-35 (continued)

Floor distributors for CCPI

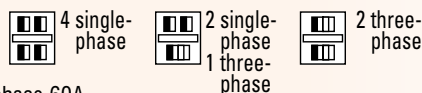
200A distributors white

Wiring diagrams up to 72 kVA:

- incoming distributor
(disconnection from incoming conductors possible)



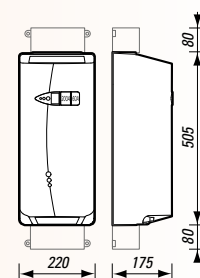
- level distributor



Allowed connections:

- limited power connection: single-phase 60A, three-phase 60A,
- no monitored power connection.

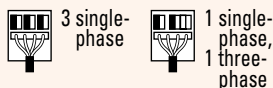
		Enedis	Depagne
Unequipped	level	69 02 424	102 424 00
	incoming	69 02 425	102 425 00
Equipped	level	equipped with 4 CCPI units size 00 single-phase 60A	102 424 04
	with incoming	equipped with 2 CCPI units size 00 single-phase 60A	102 425 02
White cone grommet, small model			102 427 00



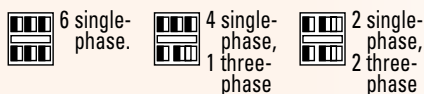
200A distributors, 3 or 6 feeders white

Wiring diagrams up to 72 kVA:

- incoming distributor
(disconnection from incoming conductors possible)



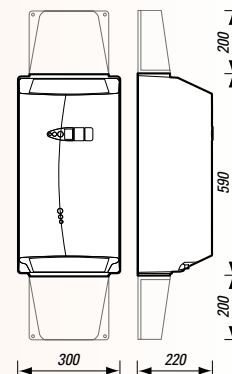
- level distributor



Allowed connections:

- limited power connection: single-phase 60A and 90A, three-phase 60A,
- no monitored power connection.

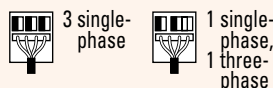
		Enedis	Depagne
Unequipped	level 6 feeders	69 02 476	102 476 00
	incoming 3 feeders	69 02 477	102 477 00
Equipped	level 6 feeders	equipped with 6 CCPI units size 00 single-phase 60A	102 476 06
	with incoming 3 feeders	equipped with 3 CCPI units size 00 single-phase 60A	102 477 03
White cone grommet, large model			102 475 00



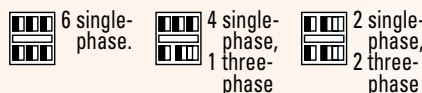
400A distributors white

Wiring diagrams up to 174 kVA:

- an adapter kit for monitored power is allowed in the lower part, incoming distributor
(disconnection from incoming conductors possible)



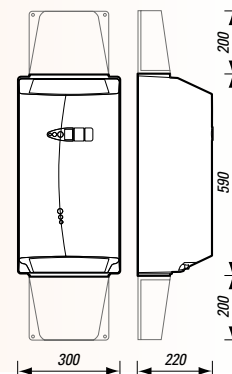
- level distributor



Allowed connections:

- limited power connection: single-phase 60A and 90A, three-phase 60A,
- monitored power connection possible.

		Enedis	Depagne
Unequipped	level	69 02 441	102 471 00
	incoming	69 02 442	102 472 00
Equipped	level	equipped with 6 CCPI units size 00 single-phase 60A	102 471 06
	with incoming	equipped with 3 CCPI units size 00 single-phase 60A	102 472 03
White cone grommet, large model			102 475 00
Adaptor kit for monitored power for 400A		69 02 443	102 474 00



Single-pole Individual Main Cutout (CCPI)

CCPI are fitted with: - knife neutral cartridge NH size 00,
- knife fuse cartridge NH type AD size 00.

They are equipped with a flexible cable (16 mm²/60A and 25 mm²/90A) for connection to the distributor's main terminal block (shunt connections). Customer feeder with capacity 6 to 35 mm² copper or aluminium with customer identity on the marking zone, 35 to 95 mm² with reducing end-pieces.



CCPI
for neutral
cartridge

CCPI
for fuse
cartridge

		60A		90A	
		Enedis	Depagne	Enedis	Depagne
Single-pole CCPI base, size 00	neutral	69 40 538	900 067 00	69 40 543	231 022 00
	neutral long		900 069 00		231 024 00
	phase	69 40 539	900 068 00	69 40 544	231 023 00
CCPI unit, size 00	single-phase, 1 N + 1 Ph	69 40 521	102 521 00	69 40 522	102 522 00
	single-phase, 1 N long + 1 Ph		102 524 00		102 525 00
	three-phase, 1 N + 3 Ph	69 40 523	102 523 00		
Knife fuse cartridge NH AD, size 00	30A			69 43 516	910 530 00
	45A			69 43 514	910 531 00
	60A			69 43 513	910 532 00
	90A			69 43 520	910 533 00
Knife neutral cartridge NH size 00				69 43 512	910 050 00
Narrow extraction handle for fuse cartridges size 00 to size 3				69 41 284	900 041 00

Equipment

Connection circuit-breaker

		Depagne
"selective" 500mA differential connection circuit-breaker, supplied in bulk	2x15/45A	941 045 01
	2x30/60A	941 065 01
	4x10/30A	941 075 01
	4x30/60A	941 085 01

Accessories



		Enedis	Depagne
UNIVERSAL Single-Phase panel		63 88 291	381 291 00
Earth splitter 5 branches (1 incoming cable, 1 shunt, 4 feeders), supplied in bulk			900 550 00
Earth splitter kit 5 branches (1 incoming cable, 1 shunt, 4 feeders), supplied mounted			900 550 01
Disconnecting earthing rod, supplied in bulk			905 116 70
Disconnecting earthing rod kit, supplied mounted			900 554 01
Set of 2 reducing end-pieces to be stripped, 25-95 mm ²		67 26 162	900 570 00
Remote reader connecting strip, ivory	4 ways	44 49 074	180 031 00
	8 ways	44 49 086	180 032 00
Remote reader connection box, ivory	4 ways	44 49 075	180 033 00
	8 ways	44 49 087	180 034 00
Remote reader base	ivory	44 49 002	181 000 00
	grey		181 001 00
Remote reader unit	ivory	44 49 007	181 100 00
Remote reader base kit, supplied mounted	ivory		181 000 01
Remote reader unit kit, supplied mounted	ivory		181 100 01
Punch pliers			102 500 00

Individual electrical connection BOXES range

Individual Electrical Connection Boxes (CIBE)

These boxes and pedestals allow the connection of all private houses to the LV public electricity distribution network. Equipped with spin-off, false cutoff and star connection functions, they are placed at the property boundary accessible from the public property.



Upgrade

The CIBE range complies with the Enedis standard, replacing the S22 range.

Innovation

CCPI function is performed by CPF.

Standards

The enclosures are moulded in glass fibre reinforced polyester with protection rating of IP43 according to NF EN 60529, IK10 according to NF EN 62262. Complies with Enedis specifications HM-24/03/107 and HM-24/04/002. The boxes are designed to meet the operating and implementation conditions set out in NF C 14-100.

Product range

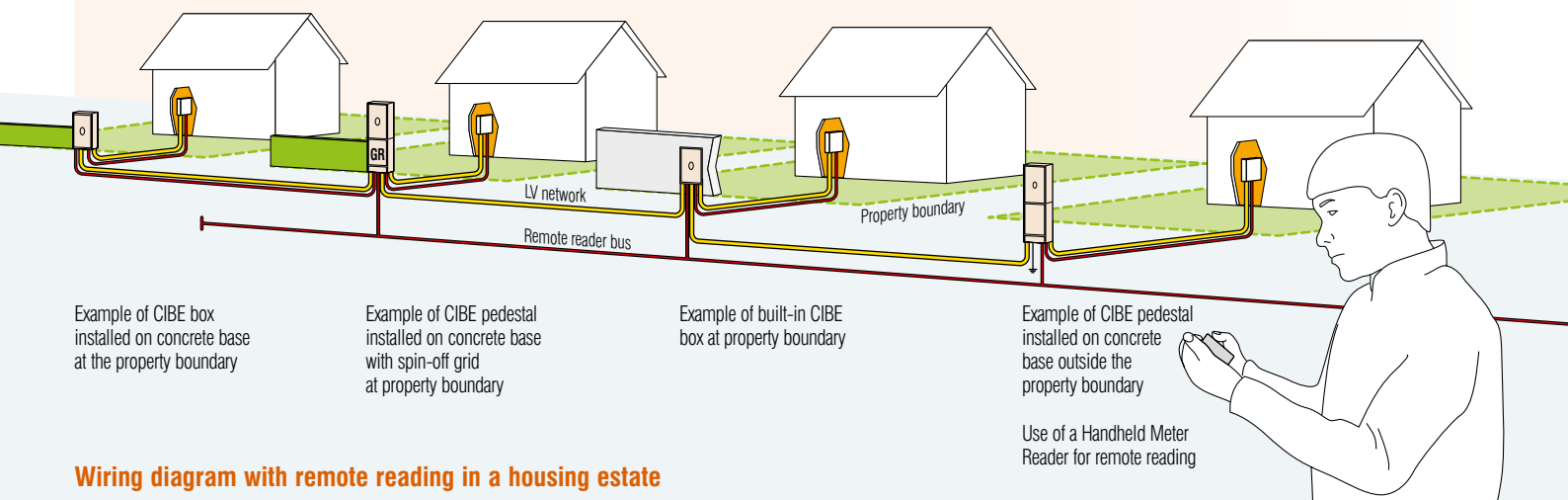
- Single-phase box with or without remote reader,
- single-phase pedestal with or without remote reader (box on base),
- single-phase pedestal with or without remote reader for type 2 connections (2 pedestals version available).

Composition

- 1 enclosure,
- 1 electrical device performing the connection's main cutout function, which can be: single-phase 60A or 90A*, three-phase 60A, double single-phase 60A (* Single-phase 90A equipment : reserved to old networks maintenance),
- 1 remote reading device (depending on the version),
- 1 spin-off, star connection and false cutoff grid or 1 device for type 2 connection,
- 1 three-phase kit 60A allows conversion from single-phase to three-phase.

Closed by triangle lock with sealable sliding flap.

Wall-mounted, surface-mounted, built-in or on a post or on a base.



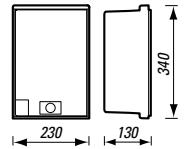
Wiring diagram with remote reading in a housing estate

CIBE boxes ivory



		Enedis	Depagne
Single-phase CIBE box	60A	69 80 890	150 890 00
	60A with remote reader	69 80 891	150 891 00
	2x60A	69 80 887	150 887 00
	2x60A with remote reader	69 80 888	150 888 00
	90A*	69 80 893	150 893 00
	90A* with remote reader	69 80 894	150 894 00
Spin-off grid	3x35 mm ²	69 80 818	150 818 00
Star connection grid	150 mm ² , 3x35 mm ²	69 80 819	150 819 00
False cutoff grid	2x150 mm ² , 2x35 mm ²	69 80 820	150 820 00
Three-phase kit	60A	69 80 881	150 881 00

* Single-phase 90A equipment: reserved to old networks maintenance

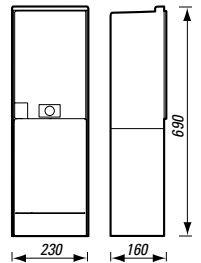


CIBE pedestals ivory



		Enedis	Depagne
Single-phase CIBE pedestal	60A	69 80 805	150 805 00
	60A with remote reader	69 80 806	150 806 00
	2x60A	69 80 802	150 802 00
	2x60A with remote reader	69 80 803	150 803 00
	90A*	69 80 807	150 807 00
	90A* with remote reader	69 80 810	150 810 00
2 single-phase CIBE pedestals	60A with remote reader equipped with type 2 connection	69 80 812	150 812 00
CIBE pedestal	unequipped	69 80 823	150 823 00
Spin-off grid	3x35 mm ²	69 80 818	150 818 00
Star connection grid	150 mm ² , 3x35 mm ²	69 80 819	150 819 00
False cutoff grid	2x150 mm ² , 2x35 mm ²	69 80 820	150 820 00
Three-phase kit	60A	69 80 881	150 881 00

* Single-phase 90A equipment: reserved to old networks maintenance



Individual electrical connection BOXES range (continued)

Individual connection outdoor boxes HN 62-S-22

These boxes can be installed outdoors or at a property boundary (accessible from the public property).

Incoming cable and feeder enter at the lower part using a removable drawer.
Internal equipment mounted on an insulating board, adjustable in lateral racks.

Possible equipment: **A2 D2** (Ph+N incoming cable, Ph+N feeder),
A4 D2 (3 Ph+N incoming cable, Ph+N feeder),
A4 D4 (3 Ph+N incoming cable, 3 Ph+N feeder).

Conductors are connected via dielectric breakdown with meltable fuse head connectors:
16 to 25 mm² stranded, copper or aluminium and 16 to 35 mm² solid aluminium.

Closed by triangle lock with sealable sliding flap.

Wall-mounted, surface-mounted, built-in or on a post or on a base.

Standards

Complies with Enedis specifications HN 62-S-22, HN 60-S-01 and HN 60-S-02.

The boxes are designed to meet the operating and implementation conditions set out in NF C 14-100.

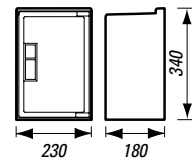
Protection of enclosures: IP43 enclosures in accordance with NF EN 60529, IK10 in accordance with NF EN 50102, IPXXB open door in accordance with NF EN 60529.



S22 single boxes ivory

		Enedis	Depagne
S22 single box single-phase	A2 D2	69 80 420	180 300 01
	with remote reader	69 80 421	180 310 01
	with 4 ways strip		180 301 01
	with 4 ways strip and remote reader		180 311 01
A4 D2			180 400 01
	with remote reader	69 80 423	180 410 01
	with 4 ways strip	69 80 424	180 401 01
	with 4 ways strip and remote reader		180 411 01
S22 single box three-phase	A4 D4		180 500 01
	with remote reader		180 510 01
	with 4 ways strip		180 501 01
	with 4 ways strip and remote reader		180 511 01
S22 single box	unequipped		180 319 01
S22 base, ivory		69 80 460	183 000 01
S22 low base, ivory			183 010 01
Mounted on a post with 2 lug strip for S22 box		69 80 511	184 915 00

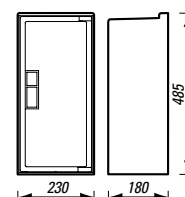
Other accessories, see page 41



S22 high boxes ivory

		Enedis	Depagne
S22 high box single-phase	A2 D2	69 80 430	181 300 01
	with remote reader	69 80 431	181 310 01
	with 4 ways strip		181 301 01
	with 4 ways strip and remote reader		181 311 01
	A4 D2		181 400 01
	with remote reader	69 80 433	181 410 01
S22 high box three-phase	with 4 ways strip	69 80 434	181 401 01
	with 4 ways strip and remote reader		181 411 01
	A4 D4		181 500 01
	with remote reader		181 510 01
S22 high box unequipped	with 4 ways strip		181 501 01
	with 4 ways strip and remote reader		181 511 01
S22 base, ivory		69 80 460	183 000 01
S22 low base, ivory			183 010 01
Mounted on a post with 2 lug strip for S22 box		69 80 511	184 915 00

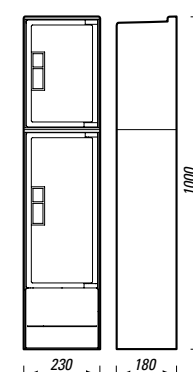
Other accessories, see page 41



S22 pedestal boxes ivory

		Enedis	Depagne
S22 pedestal box (single box on base) single-phase	A2 D2	69 80 440	182 300 01
	with remote reader	69 80 441	182 310 01
	with 4 ways strip		182 320 01
	with 4 ways strip and remote reader		182 321 01
	A2 D2 with spin-off grid	69 80 451	182 301 01
	with remote reader	69 80 452	182 311 01
	with 4 ways strip		182 330 01
	with 4 ways strip and remote reader		182 331 01
	A4 D2		182 400 01
	with remote reader	69 80 443	182 410 01
	with 4 ways strip	69 80 444	182 420 01
	with 4 ways strip and remote reader		182 421 01
S22 pedestal box (single box on base) three-phase	A4 D2 with spin-off grid		182 430 01
	with remote reader		182 431 01
	with 4 ways strip		182 440 01
	with 4 ways strip and remote reader		182 441 01
	A4 D4		182 500 01
	with remote reader		182 510 01
S22 pedestal box (high box on low base) single-phase	with 4 ways strip		182 520 01
	with 4 ways strip and remote reader		182 521 01
	A4 D4 with spin-off grid		182 530 01
S22 pedestal box (high box on low base) single-phase	with remote reader		182 531 01
	with 4 ways strip		182 540 01
S22 pedestal box	with 4 ways strip and remote reader		182 541 01
	unequipped		182 319 01
S22 pedestal box	with spin-off grid		182 337 01
	S22 low base, ivory		183 010 01
S22 spin-off grid, 3 incoming cables/feeders, 1 S23 shunt		69 80 493	180 018 00

Other accessories, see page 41



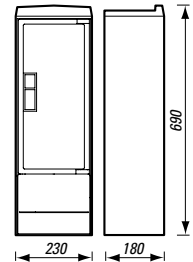
Individual electrical connection BOXES range (continued)



S22 single pedestals ivory

		Enedis	Depagne
S22 single pedestal (base with base cap) single-phase	A2 D2	69 80 520	183 100 01
	with remote reader	69 80 521	183 101 01
	with 4 ways strip		183 102 01
	with 4 ways strip and remote reader		183 103 01
	A4 D2		183 209 01
	with remote reader	69 80 523	183 201 01
S22 single pedestal (base with base cap) three-phase	with 4 ways strip	69 80 524	183 202 01
	with 4 ways strip and remote reader		183 203 01
	A4 D4		183 300 01
S22 single pedestal unequipped	with remote reader		183 301 01
	with 4 ways strip		183 302 01
	with 4 ways strip and remote reader		183 303 01
S22 base cap, ivory	69 80 472	183 001 00	

Other accessories, see page 41



S22 boxes and pedestals for "long use" connection ivory

The boxes and pedestals are designed for flat-rate subscriptions (level crossings, telephone booths, television relays, bus shelters, telephone antennas or relays...).

	Enedis	Depagne
S22 single box	69 80 422	180 340 01
S22 high box	69 80 432	181 340 01
S22 pedestal box (single box on base)	69 80 442	182 340 01
S22 single pedestal		183 340 01

S22 boxes for single-phase long connection (type 2) ivory

Long connection equipment includes a box from the S22 range + board with space for the single-phase electronic meter and connection circuit-breaker.

	Enedis	Depagne
S22 high box	69 80 429	181 341 01
S22 pedestal box (high box on low base)	69 80 540	184 341 01
2 x S22 pedestal boxes (high box on low base)	69 80 541	182 413 01

S22 miscellaneous boxes and pedestals ivory

		Enedis	Depagne
S22 single box	single-phase 2x60A with 4 ways strip + remote reader	69 80 415	180 512 01
S22 single pedestal	single-phase 2x60A with 4 ways strip + remote reader	69 80 515	183 304 01
S22 box for bollard	equipped single box 3x90A + neutral		180 601 02
	equipped high box 3x160A + neutral		181 247 02
S22 equipped pedestal box (single box on base)	single-phase 2P+N 90A		183 480 00
	three-phase 3P+N 60A		183 486 00

S22 accessories

The modular design of the HN 62-S-22 range makes it possible to create different configurations by simply adding kits:

- **three-phase kit (or single-phase/three-phase)**, users with a single-phase box can convert their box to three-phase.

This conversion is achieved by simply clipping on the kits.

This three-phase kit is made up of an upstream module + a downstream module + a IP2X cover,

- **phase balancing kit** balances the customer feeder.

It is equipped with an upstream module + an empty downstream module + IP2X cover.

Spin-off grid

Insulation piercing spin-off grid compliant with HN 62-S-23 specification.

Includes 4 individual, transparent IP2X covers.



		Enedis	Depagne
Spin-off grid	S22, 3 incoming/feeders, 1 S23 shunt	69 80 493	180 018 00
Star connection grid	S22, 1 incoming 150 mm ² and 3 feeders 35 mm ²	69 80 503	540 464 00
False cutoff grid	S22, 2 incoming 150 mm ² and 3 feeders 35 mm ²	69 80 508	540 488 00
S22 base, ivory		69 80 460	183 000 01
S22 low base, ivory			183 010 01
S22 base cap, ivory		69 80 472	183 001 00
S22 door for single box		69 80 476	180 012 01
and low base, ivory	with remote reader	69 80 477	180 013 01
S22 door for high box		69 80 478	181 012 01
and base, ivory	with remote reader	69 80 479	181 013 01
Kit d'équilibrage de phase	single-phase	69 80 470	181 010 00
	three-phase	69 80 471	181 011 00
Kit for concentrator supply/protection		69 80 484	180 020 00
Kit for connection type 2 single-phase		69 80 499	180 115 00
Extension for phase balancing		69 80 480	180 002 00
Set of 2 connectors		69 80 481	180 001 00
Single-phase board	A2 D2	69 80 495	180 100 00
	A4 D2		180 101 00
Three-phase board	A4 D4		180 102 00
Remote reader connecting strip, ivory	4 ways	44 49 074	180 031 00
	8 ways	44 49 086	180 032 00
Remote reader connection box, ivory	4 ways	44 49 075	180 033 00
	8 ways	44 49 087	180 034 00
Remote reader base	ivory	44 49 002	181 000 00
	grey		181 001 00
Remote reader base ivory kit, supplied mounted			181 000 01
Remote reader junction connection		69 80 473	182 100 00
Plastic lock kit, supplied mounted	triangle		954 092 00
	rectangle		954 097 00
Padlock cylinder kit, supplied mounted			980 243 00
Set of 2 plastic hinges for S20 and S22 door			900 887 00
Mounted on a post with 2 lug strip for S22 box		69 80 511	184 915 00

Electric metering and connection BOXES range

HN 62-S-20 boxes and panels

The outdoor boxes are designed to receive all the equipment necessary for supplying power to individual houses and to housing estates through underground or overhead/underground connections.

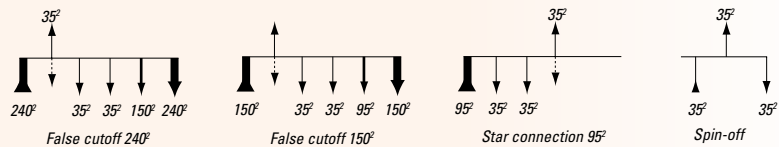
Two types of connection:

- single-phase 18 kW maximum,
- three-phase 36 kW maximum.

They can be used for power supply and metering for individual houses and housing estates.

This range includes a box, a single or double base, a transfer box. The box always contains a chamber, a door (opening 180°), and a triangle lock (rectangle on request).

It can be equipped with a remote reader base and different types grids:
false cutoff, star connection, spin-off.



Made of synthetic insulating and self-extinguishing material. IP43 according to NF EN 60529 and IK10.

Fixing of the box: built-in, on a base or against a wall.

Fixing of the base: sealed to the ground or to a wall.

Connection configuration

S22 pedestal box and S20 box installed side by side on base.

Standards

Complies with Enedis specifications HN 62-S-20, HN 60-S-01, HN 60-S-02, HN 60-S-03.

The single-phase metering box 90A includes:

- 1 junction trough,
- 1 phase lug and 1 neutral lug (fuse and neutral knife cartridges size 00),
- dielectric breakdown with meltable fuse head terminals,
- sealable protective cover, mounted on the basin,
- 1 removable single-phase board.

The three-phase metering box 60A includes:

- 1 junction trough,
- 3 phase lugs and 1 neutral lugs (fuse and knife neutral cartridges size 00),
- dielectric breakdown with meltable fuse head terminals,
- sealable protective cover, mounted on the basin,
- 1 removable three-phase board.

The single-phase/three-phase box converts a single-phase connection into three-phase and vice versa. Also balances the phases.





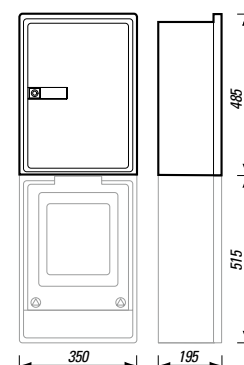
Single-phase



Single-phase/
three-phase

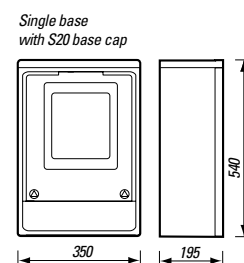
S20 boxes ivory

	Enedis	Depagne
Single-phase	69 80 020	674 001 00
with remote reader	69 80 015	674 101 00
Three-phase	69 80 022	674 002 00
with remote reader	69 80 016	674 102 00
Single-phase/three-phase	69 80 130	674 005 00
with remote reader	69 80 131	674 105 00
S20 single base, ivory	69 80 035	674 010 00
S20 base cap, ivory	69 80 041	674 012 00



S20 panels ivory

	Enedis	Depagne
Single-phase	without opening for meter with insulation piercing end caps	69 80 186 613 204 61
Single-phase/three-phase	with opening for meter	69 80 132 674 006 00
Versatile	with 3 fastening lugs	69 80 033 674 030 00



S20 accessories

	Enedis	Depagne
S20 box, unequipped	with triangle lock	605 074 01
	with rectangle lock	69 80 019 605 074 02
S20 door, ivory with hinges and rectangle lock	without remote reader	600 210 00
	with remote reader	674 111 00
S20 door, ivory with hinges and triangle lock		600 210 01
S20 trough, ivory		674 112 00
Spin-off grid	S20/S15, 3 incoming/feeders, 1 x S23 shunt	69 80 492 180 017 00
Star connection grid	S20, 150 mm ² with S20 fixing kit	69 80 047 674 017 00
False cutoff grid	S20, 150 mm ² , 700 cycles	69 80 042 674 016 00
	S20, 240 mm ² , 700 cycles	69 80 043 674 015 00
S20 incoming module	single-phase/three-phase	69 80 136 674 007 00
Set of 2 x S20 feeder modules	single-phase/three-phase	69 80 137 674 008 00
	insulation piercing single-phase/three-phase	69 80 139 674 008 01
Plastic lock kit, supplied mounted	triangle	954 092 00
	rectangle	954 097 00
Padlock cylinder kit, supplied mounted		980 243 00
Set of 2 plastic hinges for S20 and S22 door		900 887 00
Pole fixing for strips (not supplied) and/or wall fixing, 2 brackets, supplied in bulk with nut		954 274 00
Pole fixing for strips (not supplied) and/or wall fixing kit, 2 brackets, supplied mounted		954 274 01
Fixing wall-mounted 2 C-profiles for box width between 250/300 mm		954 270 00

Equipped European CABINETS range

European cabinets range

This type of pavement cabinet is designed for connection and production of underground and surface cabled networks.

It is mounted:

- on retractable standard base,
- on base for surface-mounting.

Tip: the surface-mounted base can be installed as a height extension on a standard base.

Cabinet made of hot-moulded glass fibre reinforced polyester, light grey.
 Protection ratings: IP43 according to NF EN 60529, IK10 according to NF EN 62262.
 Anti-posting door with grooves, smooth surface on request.
 Fixing on base using 4 M12 bolts. Door swivelling to the right.
 Air vents provide natural ventilation.
 3 points locking, controlled by a handle with a profile semi-cylindrical lock.
 The distribution bars are mounted directly on the bottom.

Type of possible equipment: 4, 6 or 8 feeders maximum, either in size 00, 2 to 160A, either in size 2, 80 to 400A with disconnect neutral.



Cabinets size 0 grey RAL 7035

		Depagne
1 anti-posting door, equipped with 4 feeders size 2	400A neutral cutoff	600 511 00
	400A neutral not cutoff	600 512 00
Polyester base size 0 grey	retractable, 930x590x320	600 245 00
	surface-mounted, 320x590x320	600 245 01

Unequipped cabinets, see "Cabinets" chapter, page 205

Cabinets size 1 grey RAL 7035

		Depagne
1 anti-posting door, equipped with 6 feeders size 2	400A neutral cutoff	600 513 00
	400A neutral not cutoff	600 514 00
Polyester base size 1 grey	retractable, 930x785x320	600 246 00
	surface-mounted, 320x785x320	600 246 01

Unequipped cabinets, see "Cabinets" chapter, page 205

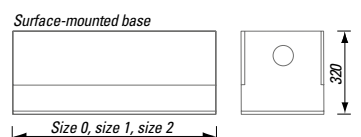
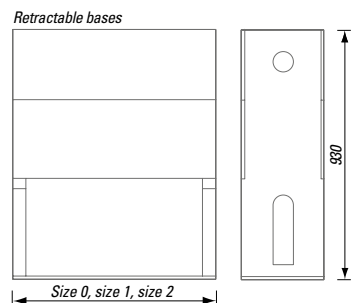
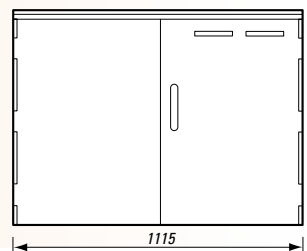
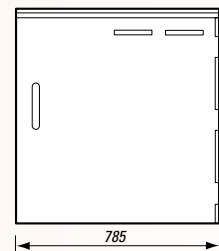
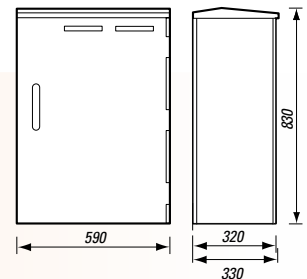
Cabinets size 2 grey RAL 7035

		Depagne
2 anti-posting doors, equipped with 8 feeders size 2,	400A neutral cutoff	600 517 00
	400A neutral not cutoff	600 518 00
Polyester base size 2 grey	retractable, 930x1115x320	600 247 00
	surface-mounted, 320x1115x320	600 247 01

Unequipped cabinets, see "Cabinets" chapter, page 205

Reminder

The width of a terminal bar size 2 is equal to the width of two terminal blocks size 00 with adapter.



Terminal bars and disconnect neutrals

This type of equipment is designed to be mounted on 3 copper bars.

Spacing 185 mm (SL00 spacing 100 mm), for fuses DIN 43620, sizes 00/2.

Glass fibre reinforced polyester fuse holder. Complies with DIN 43623.

2 types of terminal bars:

with single-pole disconnecting, each fuse disconnects regardless the others.

with three-pole disconnecting, the 3 fuses disconnect at the same time.

Connection type:

size 00, 2 to 160A, M8 x 20 connector (6 to 50 mm²),

size 2, 80 to 400A, M12 x 35 connector (50 to 240 mm²).

Connection of disconnect neutral:

by mechanically tightened connector 50 mm², by M10 screws.

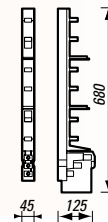


Size 00 terminal bars, 2 to 160A

		Depagne
2 to 160A	with single-pole isolation	220 091 00
	with three-pole isolation	220 092 00

Size 00 disconnect neutrals, 2 to 160A

		Depagne
2 to 160A	with M10 screws	900 009 10
	with mechanically tightened connector 50 mm ²	900 009 11

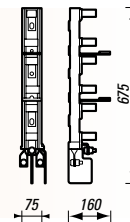


Size 2 terminal bars, 80 to 400A

		Depagne
80 to 400A	with single-pole isolation	220 091 20
	with three-pole isolation	220 092 20

Size 2 disconnect neutrals, 80 to 400A

		Depagne
80 to 400A	with M10 screws	900 009 20



Disconnection CABINETS

This type of cabinet is used to link and isolate elements in LV networks.

It also ensures distribution and supply in case of cutoff with or without backup power on the network (either on the building riser, or in housing estate networks).

Self-extinguishing glass fibre cabinet with isophthalic gelcoat, with one door (or two doors for 6 ways).

Anti-posting and anti-graffiti. 4 or 6 ways cabinet with cutoff under load. Neutral in cutoff.

Closed by two quarter-turn triangle locks, padlockable. IP45, IK10.

Rain and streaming proof. Surface-mounted on a wall, or mounted on concrete or polyester base.

Cabinet fully removable after unscrewing the 4 "fastening nuts and lock nuts".

Connection of cables 35 to 240 mm² at cutoff.

The base receives the metal one-piece frame.

2 types of cabinets

- **Without building supply cutoff.** It is equipped with a frame and 4 bus bars. Depending on the number of incoming cables and feeders, several types of combinations can be created.

- **With isolation cutoff** compliant with Enedis HN 63-S-30. It is equipped with a frame and 4 bus bars. The bus bar includes a central cutoff with power on and off-load.

Standards

Cabinet compliant with Enedis HN 63-S-30.

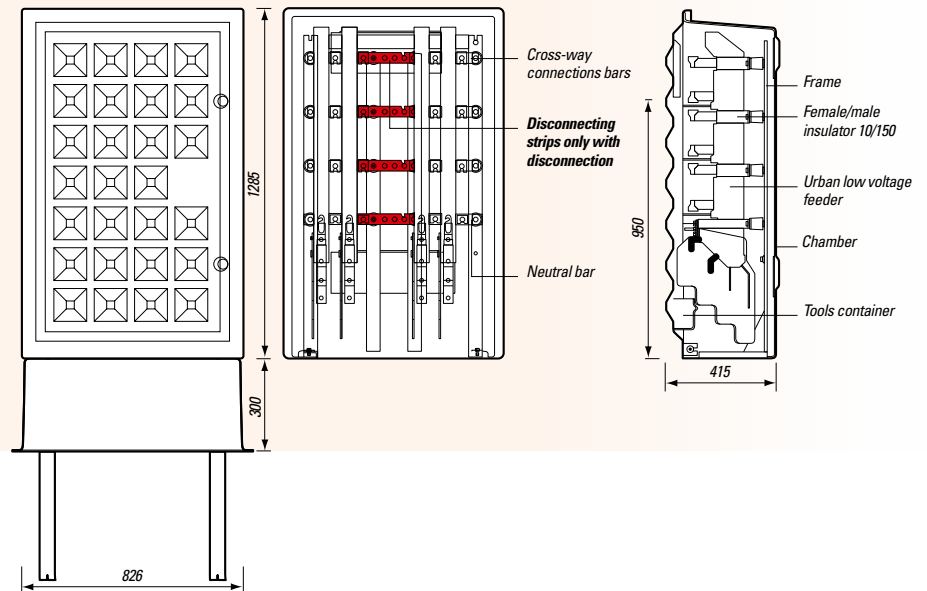


4 ways disconnection cabinets with base ivory

	Enedis	Depagne
Without cutoff, urban low voltage switchboard not supplied	67 64 037	282 822 00
With cutoff, urban low voltage switchboard not supplied	67 64 022	282 824 00

Urban low voltage switchboard, see page 48.

Knife fuse cartridges NH gG size 2, see page 217





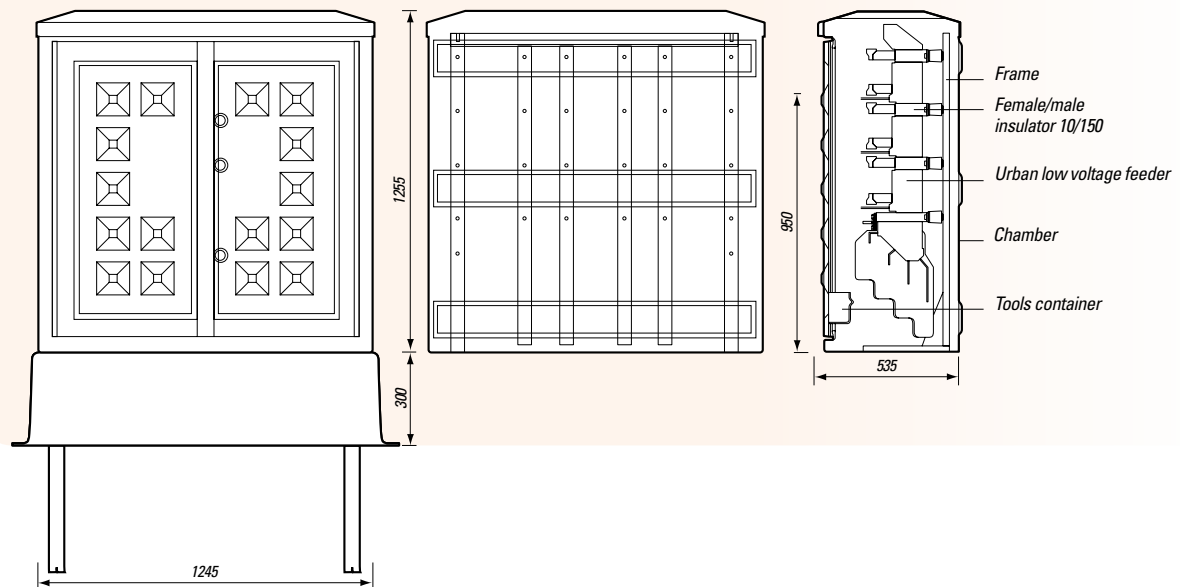
6 ways disconnection cabinets with base ivory

Depagne

Without cutoff, urban low voltage switchboard not supplied	282 844 00
With 1 cutoff, urban low voltage switchboard not supplied	282 845 00
With 2 cutoff, urban low voltage switchboard not supplied	282 846 00

Urban low voltage switchboard, see page 48.

Knife fuse cartridges NH gG size 2, see page 217



Urban low voltage SWITCHBOARD

Urban low voltage switchboard

This type of equipment is designed to equip urban switchboards for public distribution.

There are 3 models:

- **800A**, 4 feeder blocks max, switch/circuit-breaker cutoff,
- **1200A**, 8 feeder blocks max, switch cutoff,
- **1800A**, 8 feeder blocks max, switch cutoff,

The switchboard is equipped with four-pole bus bars for receiving the feeder blocks.

A metal frame is used for wall-mounting.

Current 800A, 1200A, 1800A. Rated voltage 440 V.

Test voltage 50 Hz 1 minute 10 kV to earth. Voltage with 20 kV shockwave.

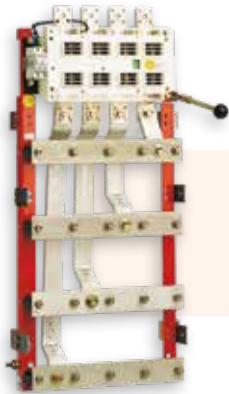
The breaking power of the switches is equal to their rated current at 440 V Cos 0.9.

The switchboard (one-piece device) is used for live installation of extra one-piece feeders within the limit of the switchboard's capacity.

The three-phase feeder 400A is protected by 3 fuses with spacing 115 mm size 2 for connecting one 400A feeder per four-pole cable.

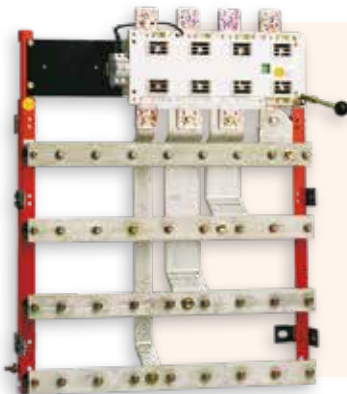
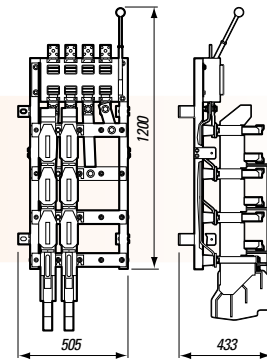
Standards

Equipment compliant with specification HN 63-S-61 designed to equip prefabricated urban switchboards for public distribution. Meets operating requirements and overcomes problems of live work and safety.



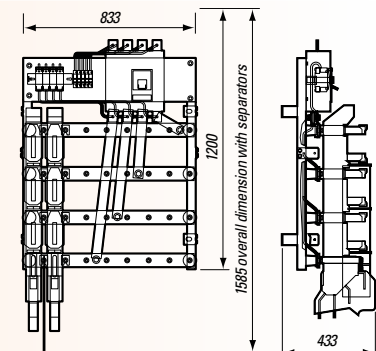
Urban low voltage switchboard 4-800

		Enedis	Depagne
Urban low voltage switchboard 4-800	without ACG (main cutout)	69 82 104	220 010 00
	with ACG (main cutout)	69 82 924	220 020 00



Urban low voltage switchboard 8-1200

		Enedis	Depagne
Urban low voltage switchboard 8-1200	without ACG (main cutout)	69 82 106	220 030 00
	with ACG (main cutout)	69 82 926	220 040 00



Urban low voltage switchboard 8-1800

		Enedis	Depagne
Urban low voltage switchboard 8-1800	without ACG (main cutout)	69 82 108	220 050 00
	with ACG (main cutout)	69 82 928	220 060 00

Accessories

		Enedis	Depagne
Main cutout device (ACG)	2x60A	69 80 904	900 003 00
	4x60A	69 80 905	900 005 00

Urban low voltage one-piece feeders

The one-piece feeder is used to activate the number of feeders required.

It is used for live installation of extra feeders in the switchboards.
Protected by 3 fuses, spacing 115 mm, size 2.
Connection of one 400A feeder per four-pole cable.



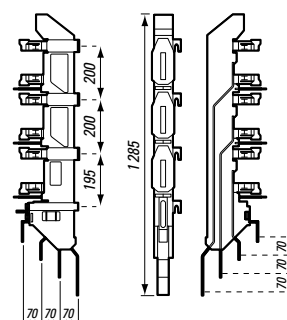
Urban low voltage one-piece feeders

		Enedis	Depagne
One-piece feeder 400A	with side panel mounted, for crimp lugs	69 82 777	220 081 00
	with mechanically tightened connectors 240 mm ²		220 083 00
Set of 3 protective covers for fuse cartridges		69 82 873	201 265 00
Locking and short-circuiting screen		69 82 830	220 082 00
Reservation panel		69 82 833	220 084 00
Insulated operating key		69 82 814	201 268 00

Accessories

		Enedis	Depagne
Knife fuse cartridge NH gG size 2, spacing 115 mm	125A	69 43 007	912 000 00
	160A		912 001 00
	200A	69 43 009	912 002 00
	250A	69 43 013	912 003 00
	315A	69 43 014	912 004 00
	400A	69 43 016	912 005 00
Neutral knife cartridge NH, size 2, spacing 115 mm		69 43 450	910 090 00
Narrow extraction handle for fuse cartridges size 00 to size 3		69 41 284	900 041 00

Other knife fuse cartridges NH gG size 2, see page 217





02



Metering

FOR LIMITED POWER CONNECTION (formerly Blue Tariff)
MONITORED POWER CONNECTION (formerly Yellow Tariff)
TEMPORARY CONNECTION
PME-PMI TEMPORARY CONNECTION
HTA SUPPLY POINT CONNECTION (formerly Green Tariff)

• Type of connection.....	52
• Metering.....	54
• Upgrade Limited Power Connection.....	56
• Limited Power Connection panels ≤ 36 kVA	
SINGLE-PHASE panels 225x250.....	58
UNIVERSAL casing for SINGLE-PHASE control panel.....	58
SINGLE-PHASE panels with cutout 500x250.....	59
UNIVERSAL Single-phase panels 225x250.....	59
THREE-PHASE panels 550x250.....	60
THREE-PHASE panels with cutout 800x250.....	61
Single-phase PRODUCER panels 450x250.....	62
Single-phase panels 2x60A 500x250.....	63
• Accessories for Limited Power Connection	
Cutout boxes 250x250.....	64
CTBX panels and DIN rail fixing.....	64
EBCP and EBCD end caps.....	64
Three/single phase adapter kit.....	65
Adapter kit for replacing electronic meter with single-phase Linky meter.....	65
Adapter kit for re-using customer utility wiring.....	65
Production kit.....	66
Adapter kit for electromechanical meter with electronic meter.....	66
Electric switchboards.....	66
• CREUL boxes (Small Outdoor Box for Long Use).....	67
• BPS boxes (2020 level) Monitored Power Connection from 36 to 250 kVA	
BPS 100A boxes type 1, type 2.....	69
BPS 400A boxes type 1, type 2, type 3, type 4.....	70
Monitored Power Connection boxes version 2.....	71
Kits for conversion from monitored power to limited power.....	71
• BPS Cabinets for Monitored Power Connection from 36 to 250 kVA	
Composite BPS cabinets.....	76
Aluminium BPS cabinet.....	77
Polyester BPS cabinets.....	77
• Cabinets and boxes for temporary connection from 3 to 250 kVA	
Aluminium BPS cabinet, from 36 to 250 kVA.....	74
Polyester BPS cabinet, from 36 to 250 kVA.....	74
Single-phase S20 boxes, from 3 to 12 kVA.....	75
Three-phase S15 boxes, from 9 to 36 kVA.....	75
• PME-PMI connection boxes and panels	
PME-PMI boxes.....	76
Control panels on PME-PMI renovation panels.....	77
• Metering switchboard for HTA meter.....	78

Types of CONNECTION



Depagne has been designing and manufacturing control panels and boxes in synthetic materials which comply with Enedis specifications for over 40 years. Our range of panels and boxes are suitable for all metering configurations, both indoor and outdoor, and more importantly, for all types of connections (linked to meters).

Different types of connection/equipment/meters.

- **Single-phase and three-phase limited power connection: from 3 to 36 kVA, CBE or LINKY meters**

This metering configuration is dedicated to connections wherein the user's power demand is limited to the value subscribed from the local distribution service.

In single-phase, the power ranges between 3 and 12 kVA (18 kVA only for renovation of current connection).

In three-phase, the power ranges between 9 and 36 kVA.

Our range of panels meets all needs:

- control panels (meter and circuit-breaker with or without cutout),
- producer panel (consumption and production),
- universal panel (meter and/or circuit-breaker) for electric riser.

- **Long use connection: 3 kVA max. without meter**

This configuration is dedicated to long use single-phase connections requiring a low constant power, enjoying a fixed rate tariff without metering. The CREUL box is the ideal solution for this need.

- **Three-phase monitored power connection: from 36 to 250 kVA, three-phase PME-PMI meter**

This metering configuration is dedicated to connections wherein the user's power demand is monitored by a metering device. Any exceedance of the power subscribed from the local distribution service is recorded.

Our range includes several boxes and cabinets satisfying this type of metering:

- box 100A, from 36 to 59 kVA,
- box 400A, from 60 to 250 kVA,
- BPS cabinet for monitored power connection.

- **Three-phase PME-PMI connection: three-phase PME-PMI meter**

This configuration makes it possible (for a new installation) to connect the Voltage U and Current I cables from a LV monitored power installation or a HTA installation with LV metering to the new PME-PMI meter. The PME-PMI box is the ideal solution for this need.

For renovation, the control panels associated with the PME-PMI renovation panel make it possible to replace the CJE meters (Yellow Tariff) and ICE meters (Green Tariff LV meter on secondary) with the new PME-PMI meter.

Renovation panels are available in 15 dimensions to suit all cabinets dimensions found on the field.

- **Three-phase HTA supply point connection: three-phase ICE meter**

The HTA supply point metering panel satisfies this need.

A number of accessories are available to supplement these devices, in order to modify the type of meter installed for these connections: CBE or LINKY or to convert the type of connection: from three-phase to single-phase or monitored power to limited power.



INNOVATIONS

With the advent of new **PME-PMI** and **LINKY** meters, the existing boxes and panels have evolved, allowing **DEPAGNE** to design new products to meet the needs of these new types of metering.

Limited power connection



- **SINGLE-PHASE** panel
- **SINGLE-PHASE** panel with cutout
- **UNIVERSAL** Single-phase panel
- **THREE-PHASE** panel
- **THREE-PHASE** panel with cutout
- **Single-phase PRODUCER** panel
- **SINGLE-PHASE** panel 2x60A

Monitored power connection



- **BPS 100A** box
- **BPS 400A** box
- **BPS** cabinet

PME-PMI power connection



- **PME-PMI** box
- **PME-PMI** control panel
- **PME-PMI** renovation panel

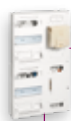
Metering

Limited Power Connection ≤ 36 kVA



SINGLE-PHASE panel with cutout

Indoor installation



Single-phase PRODUCER panel

Indoor installation for photovoltaic production management



Single-phase panel 2x60A

Indoor installation for photovoltaic production management



THREE-PHASE panel

Indoor installation

Monitored Power Connection from 36 to 250 kVA



BPS 100A box

Indoor installation



BPS cabinet

Outdoor installation



BPS box 400A

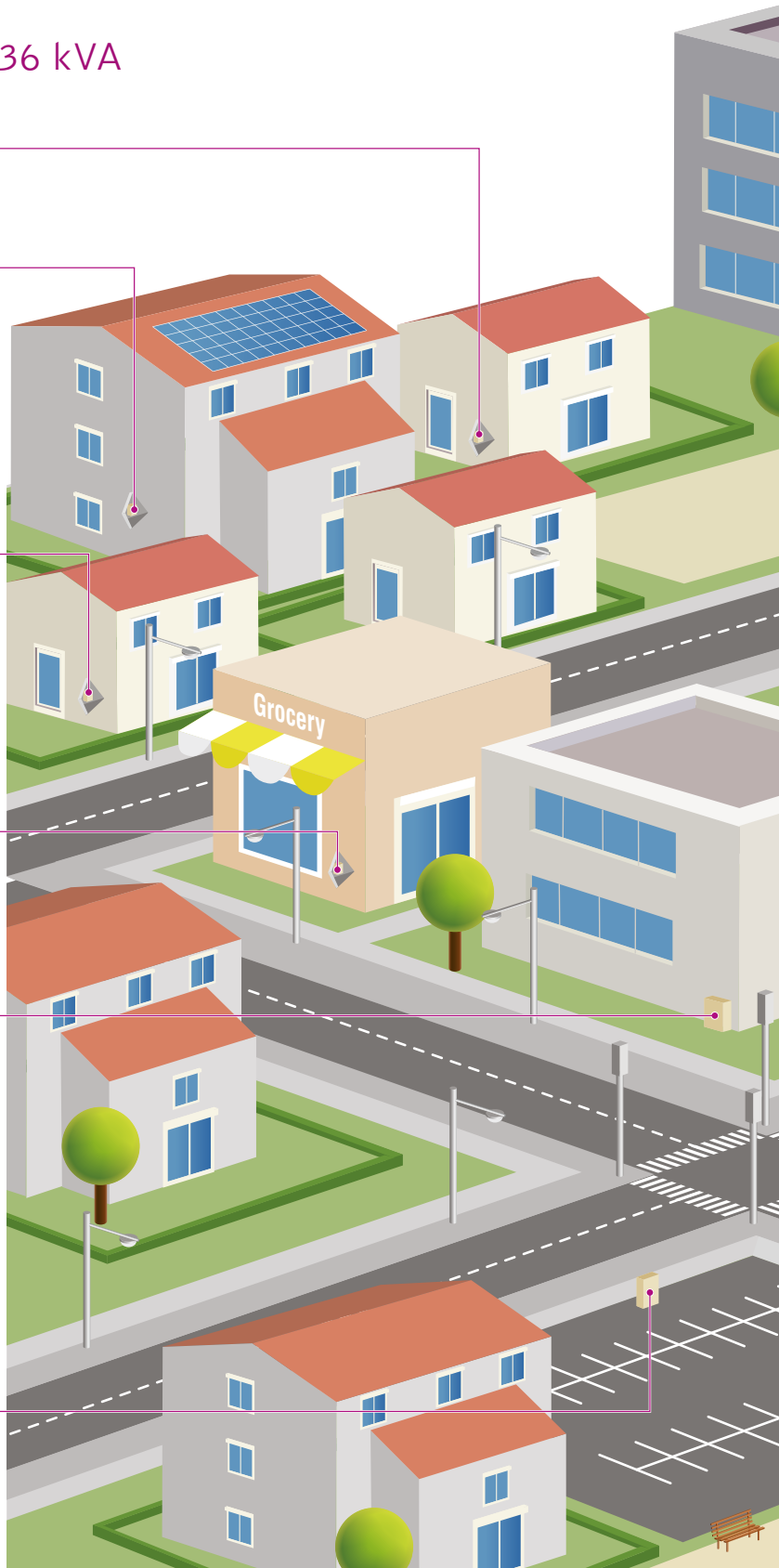
Installation in BPS cabinet



Temporary connection

BPS cabinet for temporary connection

Outdoor installation





PME-PMI connection

PME-PMI box

Installation in a HTA LV substation



Control panel on PME-PMI renovation panel

Installation in an existing outdoor cabinet



Connection for HTA Supply Point

Metering switchboard for HTA meter

Indoor installation in an electrical room



Long Use connection

CREUL box

Outdoor installation without metering



Cabinets for metering equipment

Taillefer range cabinet

see "Cabinets" chapter, page 194



UPGRADE Limited Power Connection



Limited Power Connection control PANELS ≤ 36 kVA

A solution tailored for the new Linky meter

Developed in close collaboration with Enedis and the installers.
Compliant with the new Enedis specification.

Single-phase



SINGLE-PHASE
225x250



UNIVERSAL casing for
SINGLE-PHASE control panel

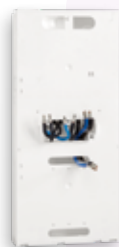


SINGLE-PHASE with cutout
500x250



UNIVERSAL single-phase
225x250

Three-phase



THREE-PHASE
550x250



THREE-PHASE with cutout
800x250

Production and consumption



Single-phase PRODUCER
450x250



Single-phase 2x60A
500x250





Enedis specification

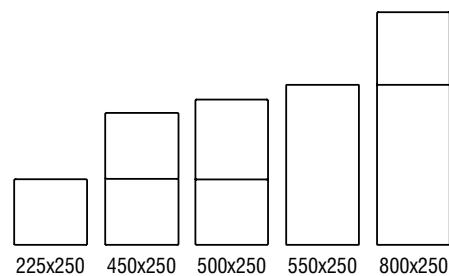
HN 62-S-80 and HN 62-S-81

Upgrade

Enedis-CPT-M&S-Spe-13006A

Dimensions unchanged

- The new panels are installed instead of the old panels.



Optimised depth

- 2 depths for all new panels.



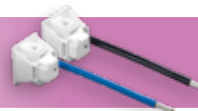
Connection without cutout

- Insulation piercing connectors integrated at the panel bottom.

EBCP
as accessories



Upgrade



Integrated connectors

- single-phase: 2 connectors
- three-phase: 4 connectors

Connection with cutout

- Incoming cables from both sides,
- insulation piercing,
- rotating CPF holder board for easy wiring.

CCPI unit



Upgrade



CPF unit

- single-phase: 2 units
- three-phase: 4 units

Limited Power Connection PANELS

≤ 36 kVA

Range of limited power control panels (formerly Blue Tariff), single-phase, with or without individual main cutout, electronic meter and/or connection circuit-breaker.

Standards

Complies with the new Enedis-CPT-M&S-Spe-13006A specification (replaces the specifications HN 62-S-80 and HN 62-S-81). Complies with standards NF C 14-100 and NF C 15-100 as well as the requirements of Class 2 defined in NF C 20-030.

The panels are fitted with a CBE or LINKY single-phase electronic meter and/or a connection circuit-breaker. They are designed for the single-phase connection of limited power customers ≤ 12 kVA (60A max). They are installed in private homes, inside the Residential Technical Duct (GTL), in a built-in or surface-mounted box, near the load centre. They define the boundary between the areas of application of standards NF C 14-100 and NF C 15-100.

Made from self-extinguishing synthetic materials.



Innovation

The inlet connectors at the panel bottom replace the EBCPs. Quick and easy connection.

Upgrade

Single depth 45 mm.

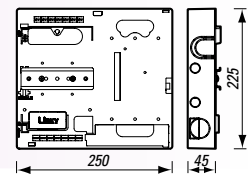
Compatible with Linky meter



SINGLE-PHASE panels 225x250 white

- 1 chamber with backboard (class 2) equipped with 2 connectors for connecting incoming cables,
- 1 removable board equipped with a DIN rail for fixing the meter (removable for Linky meter), holes for fixing the circuit-breaker and slotted holes for wiring the devices,
- 2 flexible cables 16 mm² for connecting meter/circuit-breaker.

		Enedis	Depagne
SINGLE-PHASE panel 225x250 equipped with connectors	Enedis logo	69 81 155	359 155 00
	without logo		359 155 01



ENEDIS approved Universal kit

All types of single-phase control panels (HN 62 S 81 and single-phase A type).

Neat aesthetic

Access to equipment (meter/circuit breaker)



UNIVERSAL casing for SINGLE-PHASE control panel white

Make your installation more attractive, while maintaining the access to the equipment meter/circuit breaker.

Thanks to its adapter kit, the casing can fit any type of control panel for single-phase meter CBE or LINKY and two-pole branch circuit-breaker (HN 62 S 81 and single-phase A type).

Adaptable on all types of SINGLE-PHASE control panels:

Depagne, Schneider, Michaud, Cahors-Maec, Legrand, Hager, Seifel, ABB.

The complete set casing + adapter kit is made of synthetic self-extinguishing material.

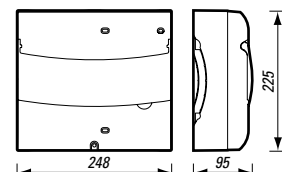
Standards

Universal casing: PRDE-K.8.4-08-V1

Control panel for single-phase metering

Enedis-CPT-M&S-Spe-13006A, Enedis-CPT-M&S-Spe-10015A, HN 62 S 81.

	Enedis	Depagne
UNIVERSAL casing for SINGLE-PHASE control panel	69 81 188	359 218 00





Innovation

The CCPI function is performed by insulation piercing CPF. Quick and easy connection.

Ergonomics

The hinge-mounted CPF holder board makes it easy to route the incoming cable.

Compatible with Linky meter



SINGLE-PHASE panels with cutout 500x250 white

- 1 single-phase cutout box equipped with 2 CPF units with flexible cables 16 mm² connecting the CPF and the meter,
- 1 chamber with backboard (class 2),
- 1 removable board equipped with a DIN rail for fixing the meter (removable for Linky meter), holes for fixing the circuit-breaker and slotted holes for wiring the devices,
- 2 flexible cables 16 mm² for connecting meter/circuit-breaker.

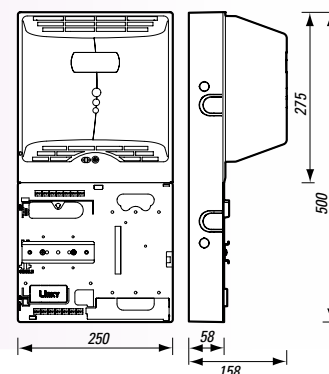
CPF connectors

Designed to receive incoming cables from the top or from the bottom. Insulation piercing IP2X connectors with breakable head. They include 16 mm² copper connections to connect either a CBE meter or a Linky meter.

Connection capacities of incoming cables:

- conductors with stranded copper or aluminium core: 10 to 35 mm²,
- conductors with solid aluminium core: 16 to 35 mm².

	Enedis	Depagne
SINGLE-PHASE panel with cutout 500x250 equipped with connectors	Enedis logo 69 81 210	368 210 00
	without logo	368 210 05



UNIVERSAL single-phase panels 225x250 white

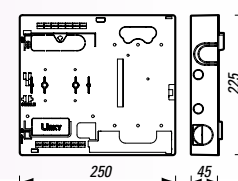
The panel independently receives a CBE or LINKY single-phase electronic meter and/or a connection circuit-breaker. It is designed for the single-phase connection of a limited power customer: 12 kVA (60A max.).

It is installed in an electrical riser duct or inside the customer's dwelling in a GTL (domestic power and distribution unit) in a built-in or surface-mounted box near the distribution panel.

Made from self-extinguishing synthetic materials.

- 1 chamber with backboard (class 2),
- 1 removable board with space for meter, circuit-breaker and pre-punched holes for wiring the devices,
- 1 DIN rail for fixing the CBE meter, screws for fixing the Linky meter and circuit-breaker.

	Enedis	Depagne
UNIVERSAL Single-phase panel 225x250 with DIN rail	Enedis logo 69 81 291	381 291 00
	without logo	381 291 01
Set of 2 insulation piercing connectors single-phase Ph+N 16 mm ²		359 282 00
Set of 2 meter/circuit-breaker links single-phase Ph+N 16 mm ²		909 500 60



Upgrade

Single depth: 45 mm.

Versatile

CBE or Linky meter and/or circuit-breaker.



Single-phase connectors and links

Designed to receive incoming cables from the top or from the bottom. Insulation piercing IP2X connectors with breakable head.

They include 16 mm² copper connections to connect either a CBE meter or a Linky meter.

Connection capacities of incoming cables:

- conductors with stranded copper or aluminium core: 10 to 35 mm²,
- conductors with solid aluminium core: 16 to 35 mm².

	Depagne
Set of 2 insulation piercing connectors single-phase Ph+N 16 mm ²	359 282 00
Set of 2 meter/circuit-breaker links single-phase Ph+N 16 mm ²	909 500 60



Limited Power Connection PANELS

≤ 36 kVA (continued)

Range of limited power control panels (formerly Blue Tariff), three-phase, with or without individual main cutout, electronic meter and/or connection circuit-breaker.

Standards

Complies with the new Enedis-CPT-M&S-Spe-13006A specification (replaces the specifications HN 62-S-80 and HN 62-S-81). Complies with standards NF C 14-100 and NF C 15-100 as well as the requirements of Class 2 defined in NF C 20-030.

The panels are fitted with a CBE or LINKY three-phase electronic meter and/or a connection circuit-breaker. They are designed for the three-phase connection of limited power customers ≤ 36 kVA (60A max).

They are installed in private homes, inside the Residential Technical Duct (GTL), in a built-in or surface-mounted box, near the load centre. They define the boundary between the areas of application of standards NF C 14-100 and NF C 15-100. Made from self-extinguishing synthetic materials.



Innovation

The incoming cable connectors at the panel bottom replace the EBCPs. Quick and easy connection.

Compatible with Linky meter



THREE-PHASE panels 550x250 white

- 1 chamber with backboard (class 2) equipped with 4 connectors for connecting incoming cables,
- 1 removable board with holes for mounting a CBE or Linky meter, a circuit-breaker and slotted holes for wiring the devices,
- 4 flexible cables 16 mm² for connecting meter/circuit-breaker.

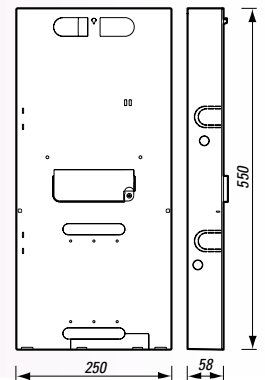
Connectors

Designed to receive incoming cables from the top or from the bottom. Insulation piercing IP2X connectors with breakable head.

They include 16 mm² copper connections to connect either a CBE meter or a Linky meter.

Connection capacities of incoming cables:

- conductors with stranded copper or aluminium core: 10 to 35 mm²,
- conductors with solid aluminium core: 16 to 35 mm².



		Enedis		Depagne	
		sigle Enedis	69 81 220	368 220 00	368 220 05
THREE-PHASE panel 550x250 equipped with connectors					



Innovation

The CCPI function is performed by insulation piercing CPF. Quick and easy connection.

Ergonomics

The hinge-mounted CPF holder board makes it easy to route the incoming cable.

Compatible with Linky meter



THREE-PHASE panels with cutout 800x250 white

Composition:

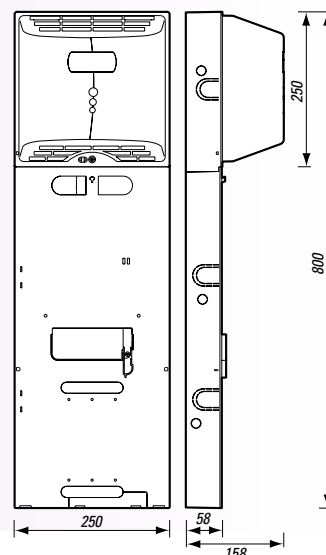
- 1 three-phase cutout box equipped with 4 CPF units with flexible cables 16 mm² connecting the CPF and the meter,
- 1 chamber with backboard (class 2),
- 1 removable board with holes for mounting a CBE or Linky meter, a circuit-breaker and slotted holes for wiring the devices,
- 4 flexible cables 16 mm² for connecting meter/circuit-breaker.

CPF connectors

Designed to receive incoming cables from the top or from the bottom. Insulation piercing IP2X connectors with breakable head. They include 16 mm² copper connections to connect either a CBE meter or a Linky meter.

Connection capacities of incoming cables:

- conductors with stranded copper or aluminium core: 10 to 35 mm²,
- conductors with solid aluminium core: 16 to 35 mm².



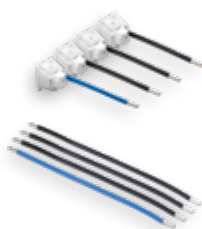
	Enedis logo	Enedis	Depagne
THREE-PHASE panel with cutout 800x250 equipped with connectors		69 81 222	368 222 00
	without logo		368 222 05

Three-phase connectors and links

Connectors optimise the subsequent replacement of the CBE meter with a Linky meter (no need to disconnect the incoming cable, or dismantle the circuit-breaker).

Connection capacities of incoming cables:

- conductors with stranded copper or aluminium core: 10 to 35 mm²,
- conductors with solid aluminium core: 16 to 35 mm².



	Depagne
Set of 4 insulation piercing connectors three-phase 3 Ph+N 16 mm ²	359 282 40
Set of 4 meter-circuit-breaker links three-phase 3 Ph+N 16 mm ²	909 500 80

Limited Power Connection PANELS

≤ 36 kVA (continued)

Range of limited power control panels (formerly Blue Tariff) for single-phase production and consumption connection with electronic meters and/or connection circuit-breaker.

Standards

Complies with the new Enedis-CPT-M&S-Spe-13006A specification (replaces the specifications HN 62-S-80 and HN 62-S-81). Complies with standards NF C 14-100 and NF C 15-100 as well as the requirements of Class 2 defined in NF C 20-030.

The panels are designed for the single-phase production and consumption connection of limited power customers ≤ 12 kVA (60A max).

They are installed in private homes, inside the Residential Technical Duct (GTL), in a built-in or surface-mounted box. They define the boundary between the areas of application of standards NF C 14-100 and NF C 15-100.

Made of self-extinguishing synthetic materials.



Time-saving

Assembly and wiring.

Ergonomics

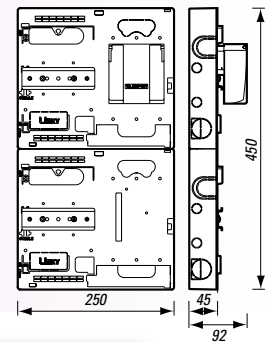
The boards can be removed independently.



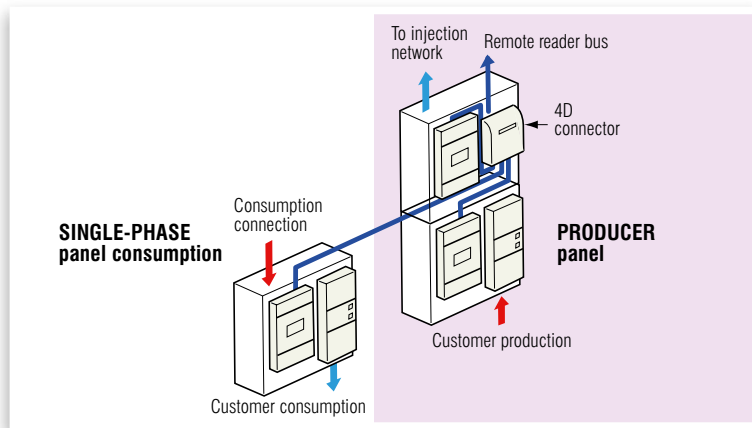
Single-phase PRODUCER panels 450x250 white

The panel receives 2 single-phase CBE electronic meters (production and control) and a connection circuit-breaker.

- 1 chamber with backboard (class 2),
- 2 independently removable boards, equipped with 2 DIN rails for mounting meters, holes for mounting a circuit-breaker, a 4 ways remote reader unit and slotted holes for wiring devices,
- 2 flexible cables 16 mm² for connecting meter/meter,
- 2 flexible cables 16 mm² for connecting "no-consumption" meter/circuit-breaker,
- 1 sheet of stickers for production identification.



	Enedis	Depagne
Panneau PRODUCTEUR Monophasé 450x250	sigle Enedis 69 81 282	359 300 00
	sans sigle	359 300 01





Single-phase panels 2x60A 500x250 white

The panel receives a single-phase CBE or LINKY electronic meter and a connection circuit-breaker.

- 1 single-phase cutout box equipped with 2 CPF units with flexible cables 16 mm² connecting the CPF and the meter and 2 other units for single-phase production connection,
- 1 chamber with backboard (class 2),
- 1 removable board equipped with a DIN rail for fixing the meter (removable for Linky meter), holes for fixing the circuit-breaker and slotted holes for wiring the devices,
- 2 flexible cables 16 mm² for connecting meter/circuit-breaker.

CPF connectors

Designed to receive incoming cables from the top or from the bottom. Insulation piercing IP2X connectors with breakable head. They include 16 mm² copper connections to connect either a CBE meter or a Linky meter.

Connection capacities of incoming cables:

- conductors with stranded copper or aluminium core: 10 to 35 mm²,
- conductors with solid aluminium core: 16 to 35 mm².

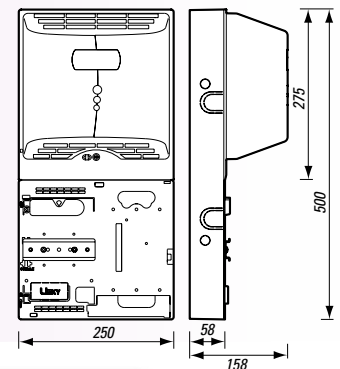


Time-saving

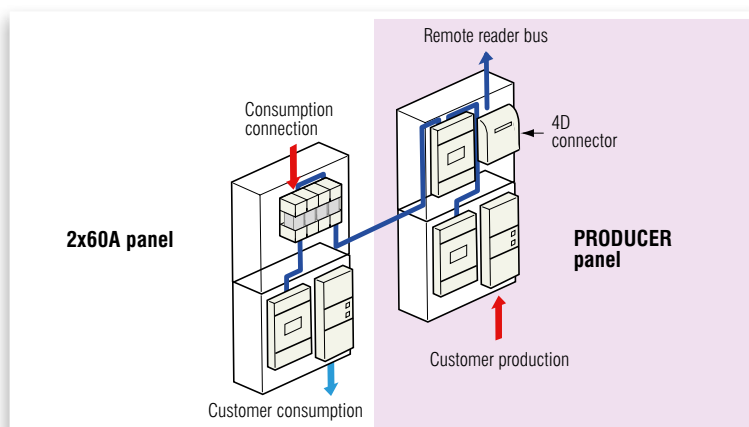
Assembly and wiring.

Economics

No need to use a level distributor to connect injection.



	Enedis	Depagne
Single-phase panel 2x60A 500x250 equipped with connectors	Enedis logo 69 81 292	368 292 00
	without logo	368 292 01



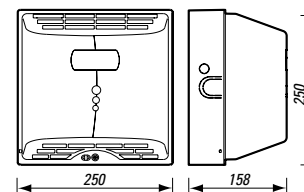
ACCESSORIES for Limited Power Connection

Cutout boxes 250x250 white



The box receives a CCPI unit in 2 versions:
 - two-pole, 1 CCPI unit size 00 single-phase 1 N + 1 Ph,
 - four-pole, 1 CCPI unit size 00 three-phase 1 N + 3 Ph,

The unit is made of self-extinguishing synthetic materials.



		Depagne
Cutout box with CCPI	two-pole	900 083 00
	four-pole	900 086 00

CTBX panels

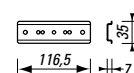


		Enedis	Depagne
Panel with CTBX board	250x300 pre-drilled for meter	69 80 101	900 251 00
	unequipped		900 251 01
	250x500 pre-drilled for meter	69 80 104	900 261 00
	unequipped		900 261 01
Wooden frame with CTBX board	250x800 unequipped	69 81 047	900 270 00
	250x1000 unequipped		900 280 00
	250x300 unequipped	69 81 047	900 252 00
	250x500 unequipped	69 81 053	900 262 00
Sealing cup	250x800 unequipped	69 81 057	900 273 00
	500x800 unequipped	69 81 069	900 274 00
Sealing cup			901 966 70

DIN rail fixing



	Enedis	Depagne
DIN rail fixing 116.5x7.5 mm	44 49 171	910 171 00



EBCP and EBCD end caps

EBCP: insulation piercing end caps for copper or aluminium conductors with stranded or solid core of maximum cross-section 35 mm².

They are used to connect the incoming cable to the device terminals (electronic meter...).

EBCD: end caps for stripped copper or aluminium conductors with stranded core of maximum cross-section 35 mm². They are used to connect the incoming cable to the device terminals (electronic meter...).

		Enedis	Depagne
Set of 2 end caps	EBCP 10-35/25	67 26 087	359 287 00
	EBCP 6-35/16	67 26 088	380 638 00
	EBCD 35-25	67 26 085	359 285 00
Set of 4 end caps	EBCP 10-35/25	67 26 090	359 288 00
	EBCP 6-35/16	67 26 089	359 289 00
	EBCD 35-25	67 26 086	359 286 00
	EBCD 96-16		359 286 01



Ergonomics

Easy and quick later assembly for Linky meter. Ergonomic and robust incoming cable terminal block.

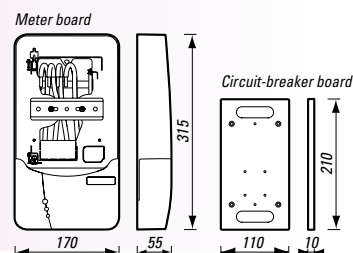


Three/single phase adapter kit white

This kit is used to convert a three-phase supply point into single-phase; it is placed on the existing control panel.

The kit is made up of 2 products:

- 1 meter bracket board for replacing a three-phase meter (electromechanical or electronic) with a CBE or Linky single-phase electronic meter. It is installed instead of the removed three-phase meter (same fixing points),
- 1 circuit-breaker board for replacing a three-phase circuit-breaker with a single-phase.



	Enedis	Depagne
Three/single phase adapter kit	69 81 277	381 277 00

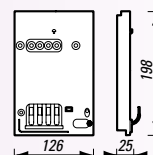
Adapter kit for replacing electronic meter with single-phase Linky meter white

This kit is used to replace a single-phase electronic meter with a Linky meter without disconnecting the control panel.

It is mounted directly on the DIN rail of the control panel. It is used to connect cables with cross-section 6 to 25 mm².

Standards

Complies with the Enedis-CPT-M&S-CDC-08002 specification and with Enedis technical specifications HN 60-S-01, HN 60-S-02 & HN 60-E-02.



	Enedis	Depagne
Adapter kit for replacing electronic meter with single-phase Linky meter	69 81 290	381 290 00

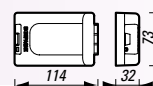
Adapter kit for re-using customer utility wiring white

When replacing a double-tariff electromechanical meter with a Linky meter, this kit allows the reuse of cables connected to a 175 Hz relay or a clock.

Reuse of connected cables



	Enedis	Depagne
Adapter kit for re-using customer utility wiring	69 81 289	381 289 00



ACCESSORIES for Limited Power Connection (continued)



Instead of existing panels



Production kit

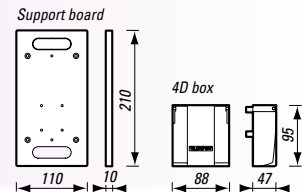
This kit is used to connect the various remote reader links during a connection with autonomous production.

It is installed instead of the circuit-breaker of single-phase or three-phase control panels (old or new generation).

The kit is made up of 3 products:

- 1 pre-drilled bracket board,
- 1 4 ways remote reader unit,
- 1 sheet of stickers for production identification.

	Enedis	Depagne
Production kit	69 81 276	381 276 00



Adapter kit for replacing electromechanical meter with electronic meter white



This kit is used to replace an old electromechanical meter with a CBE electronic meter.

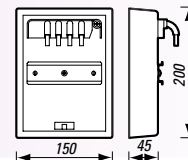
The base of the panels has the standard fixing of the old electromechanical meter.

The cables are connected via mounting brackets for copper conductors of cross-section from 6 to 25 mm².

Standards

Complies with specifications Enedis HN 62-S-81 (supplemented by the specifications of the CBEM adaptor kit), HN 60-S-01, HN 60-S-02 & HN 60-E-02.

	Enedis	Depagne
Adapter kit for replacing electromechanical meter with electronic meter	69 81 279	368 279 00

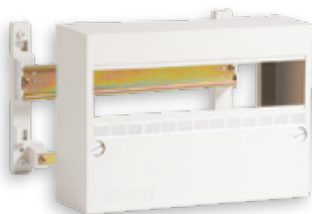


Electric switchboards white

This box is used to build load centres in individual or collective housing. It is placed inside the house.

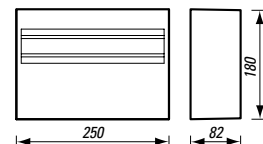
The box is made from self-extinguishing synthetic material.

- Two versions: **1 row**, 13 modules of 18 mm,
2 rows, 26 modules of 18 mm.



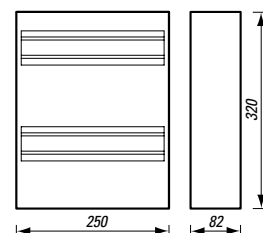
Electric switchboard 1 row ivory

	Depagne
Electric switchboard 1 row, 1x13 modules (1 module: 18 mm)	500 598 00



Electric switchboard 2 rows ivory

	Depagne
Electric switchboard 2 rows, 2x13 modules, 26 modules (1 module: 18 mm)	500 599 00



CREUL BOXES (small outdoor box for long use)

This box is dedicated to connections without “long use” metering requiring a small constant power (2.2 kVA max), enjoying a fixed rate tariff without metering.

Applications: street furniture, surveillance networks (cameras, speed cameras) and illuminated signs, telephone antennas or relays.

Removable cover hung on at the top. Closed by rectangular screws (padlocking possible). Mounted on DIN rail. Cables for connecting cutout/circuit-breaker supplied.

Sealable IPXXB screen, which can receive the C11 type lockout sticker, prohibiting access to equipment under NF C 14-100.

Ivory thermoplastic enclosure. IP43 (NF EN 60529) and IK10 (NF EN 62262).

Resistant to mechanical, electrical and thermal stress. Resistant to climatic ageing.

Tightening capacity of cutout: 1.5 to 25 mm² copper (35 mm² with EBCP end caps and cone).

Space for two-pole circuit-breaker 0.5A to 10A in compliance with NF EN 60898 or IEC 60947-2 (supplied as accessory).

Surface-mounted or built-in.

Can be mounted on wooden or concrete posts (mounting kit as accessory).

Bottom incoming cable and bottom feeder via cable gland: - incoming cable Ø 11 mm to Ø 21 mm, - feeder Ø 9 mm to Ø 17 mm.

Single-phase electrical equipment including: - a cutout 14x51 with neutral fuse, - a cutout 14x51 with AD30 fuse.

Standards

Complies with Enedis CREUL specifications of June 2006 as well as with specifications HN 60-S-01 and HN 60-S-02.



Ergonomics

Available in two versions with or without cone grommet (use of insulation piercing end cap).

Installation

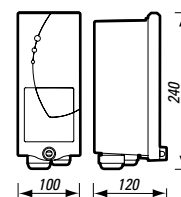
“All terrain” box suitable for various scenarios: surface-mounted, built-in or on posts.

If there is any problem during installation, it is possible to mount the cone grommet subsequently on the cable-gland version.



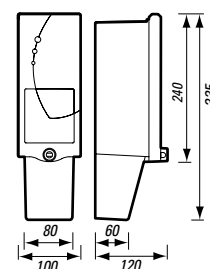
CREUL box with cable gland ivory

	Enedis	Depagne
CREUL box with cable gland	69 80 630	380 630 00
Pole fixing for strips (not supplied) and/or wall fixing, 2 brackets, supplied in bulk with nut		954 275 10



CREUL box with cone grommet ivory

	Enedis	Depagne
CREUL box with cone grommet	69 80 631	380 631 00
Pole fixing for strips (not supplied) and/or wall fixing, 1 bracket, supplied in bulk with nut		954 276 00



Accessories

		Enedis	Depagne
Long use circuit-breaker, supplied mounted	0,5A	69 30 003	930 003 00
	1A	69 30 004	930 004 00
	2A	69 30 005	930 005 00
	3A	69 30 006	930 006 00
	4A	69 30 007	930 007 00
	6A	69 30 009	930 009 00
	10A	69 30 010	930 010 00
Set of 2 end caps EBCP 35M-16		67 26 088	380 638 00

BPS boxes (2020 level)

Monitored Power Connection from 36 to 250 kVA



Identical box dimensions Simplified commercial offer

Interchangeable boxes.

Reduction in reference numbers,
100 A boxes or 400 A boxes.

Measuring terminal innovation

Injection of U (voltage) downstream of toroids.

Technical points

**Increased safety
when commissioning the installation**

IP2X protection by construction.

Improved measuring accuracy

Single-rating toroids 100-500/5 class 0.2S.

Compact and functional measuring terminal

Protection of U (voltage) and I (current) shunt.

Passage for remote antenna wire

Our range of metering boxes for SME/SMI meter:

BPS 100 A boxes with 100 A disconnection (types 1 and 2)

BPS 400 A boxes with 400 A disconnection (types 1, 2, 3 and 4).

Composition:

- Chamber and door type HN 62-S-20 or HN 62-S-19 in glass fibre reinforced polyester
- Fitted-up and wired door serving as control board
- Closing mechanism using triangle key (can be sealed).

Use in enclosed areas, on solid and covered bracket, protected from rain, dust and smoke.

Equipment types

Type 1: Bottom incoming cable, bottom feeder (AB, DB), without upstream protection

Type 2: Bottom incoming cable, bottom feeder (AB, DB), with upstream protection

Type 3: Bottom incoming cable, top feeder (AB, DH), without upstream protection

Type 4: Top incoming cable, bottom feeder (AH, DB), without upstream protection

BPS 100 A boxes **New**

Composition:

- 1 chamber (type HN 62-S-20) equipped with RJ45 socket and passage for antenna,
- 1 fitted-up and wired door serving as control board (U & I test boxes, SME/SMI meter and modem),
- 1 bottom board with the following components:
 - cone grommet,
 - padlockable isolating switch with visible 100 A contact separation,
- Interior equipment:
 - Copper or aluminium connection terminals, 25 to 95 mm²,
 - Upstream protection (only type 2),
 - Single-rating toroids 100-500/5 class 0.2S,
 - U & I metering terminal.



Installation

Surface-mounted with 3 attachment points (1 at the top through keyhole and 2 at the bottom).

Standards

Electronic equipment compliant with technical specifications:

- Enedis-Spec-Coaffret Brt PS-V2,
- Enedis-cpt-mac-spe-19020-V0,
- IEC 61869-1 and IEC 61869-2.



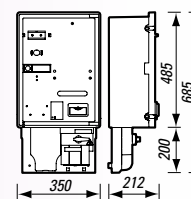
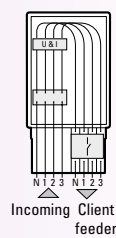
BPS 100 A type 1 box, ivory

Bottom incoming cable, bottom feeder (AB, DB), without upstream protection

Box BPS 100A type 1 with Enedis symbol* + 100 A disconnection, without meter or modem

Enedis Depagne

69 88 905 988 905 00



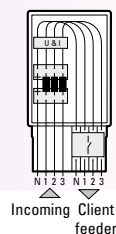
BPS 100 A type 2 box, ivory

Bottom incoming cable, bottom feeder (AB, DB), with upstream protection

Box BPS 100A type 1 with Enedis symbol* + 100 A disconnection, without meter or modem

Enedis Depagne

69 88 915 988 915 00



* The box is equipped with a cover with Enedis symbol on the door. For the version without a symbol, replace with the cover without a symbol (supplied in the box).

BPS boxes (2020 level)

Monitored Power Connection from 36 to 250 kVA (continued)

BPS 400 A boxes New

Composition:

- 1 chamber (type HN 62-S-19) equipped with RJ45 socket and passage for antenna,
- 1 fitted-up and wired door serving as control board (U & I test boxes, SME/SMI meter and modem),
- 1 board with the following components:
 - cone grommet (type 1 and 2),
 - cabling box (type 3 and 4),
 - padlockable isolating switch with visible 400 A contact separation,
- Interior equipment:
 - copper or aluminium connection terminals, 50 to 240 mm²,
 - upstream protection (only type 2),
 - single-rating toroids 100-500/5 class 0.2S,
 - U & I metering terminal.

Installation

Surface-mounted with 4 attachment points (2 at the top through keyhole and 2 at the bottom).

Standards

Electronic equipment compliant with technical specifications:

- Enedis-Spec-Coffret Brt PS-V2,
- Enedis-cpt-mac-spe-19020-V0,
- IEC 61869-1 and IEC 61869-2.

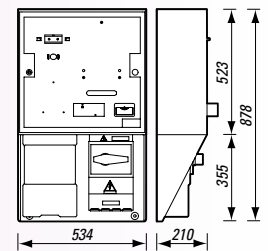
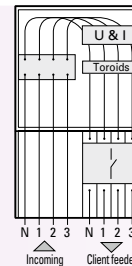
BPS 400 A type 1 box, ivory

Bottom incoming cable, bottom feeder (AB, DB), without upstream protection

Enedis Depagne

Box BPS 400A type 1 with Enedis symbol* + 400A disconnection, without meter or modem

69 88 904 988 906 10



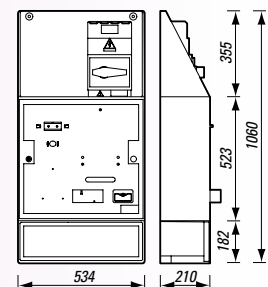
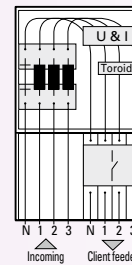
BPS 400 A type 2 box, ivory

Bottom incoming cable, bottom feeder (AB, DB), with upstream protection

Enedis Depagne

BPS 400 A type 2 box with Enedis symbol* + 400A disconnection, without meter or modem

69 88 914 988 918 10



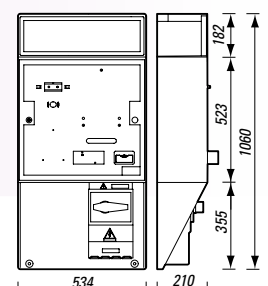
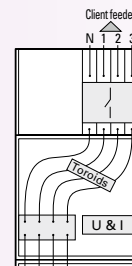
BPS 400 A type 3 box, ivory

Bottom incoming cable, top feeder (AB, DH), without upstream protection

Enedis Depagne

BPS 400 A type 3 box with Enedis symbol* + 400A disconnection, without meter or modem

69 88 924 988 926 10



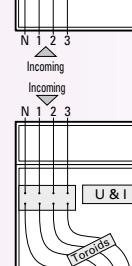
BPS 400 A type 4 box, ivory

Top incoming cable, bottom feeder (AH, DB), without upstream protection

Enedis Depagne

BPS 400 A type 4 box with Enedis symbol* + 400A disconnection, without meter or modem

69 88 934 988 936 10



* The box is equipped with a cover with Enedis symbol on the door. For the version without a symbol, replace with the cover without a symbol (supplied in the box).

Monitored Power Connection boxes version 2

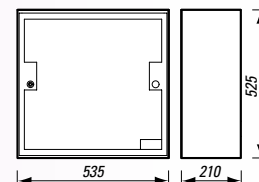
This equipment is used in addition to the power box.



Boxes version 2 equipped with metering panel version 2 ivory

Outdoor use, HN 62-S-19 box with metering panel version 2.

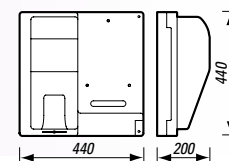
	Enedis	Depagne
Enedis logo	69 88 845	988 845 00
Without logo		988 845 01



Metering panel version 2 ivory

Indoor use, a control panel equipped with test boxes, cable harnesses and a customer terminal block.

	Enedis	Depagne
Equipped with voltage test box (BU), current test box (BI) and customer terminal box	69 88 850	988 850 00



Kits for conversion from monitored power to limited power



Kits for converting monitored power 200/400A to limited power 60A

This kit is used to convert an existing customer connection with monitored power 200/400A into three-phase limited power connection 60A (with option to return to initial state).

Composition:

- 1 wired connection board (replacing the current transformer board),
- 1 meter raceway shutter,
- 1 THREE-PHASE control panel 550x250 for CBE/LINKY meter,
- 3 adapters size 2 for fuse cartridge size 00.

	Enedis	Depagne
Enedis logo	69 88 941	388 941 00
Without logo		388 941 01



Installed instead of existing 100A box (same size and fastenings)



Kits for converting monitored power 100A to limited power 60A ivory

This kit is used to convert an existing customer connection with monitored power 100A into three-phase limited power connection 60A (with option to return to initial state).

Composition:

- 1 box bottom incoming cable, bottom feeder with upstream protection (fuse size 00 and terminal block 95 mm²),
- 1 door fitted-up to install the meter,
- 1 space for connection circuit-breaker.

Meter and connection circuit-breaker not supplied.

	Enedis	Depagne
Enedis logo	69 88 943	388 943 00
Without logo		388 943 01

Accessories

	Enedis	Depagne
RJ 45 socket (customer remote information) category 5 in ivory plastic sheath with cable for connecting meter/circuit-breaker		944 004 00
Kit for replacing 400A disconnection with 200A disconnection	69 88 940	988 940 00
Door with hinges and lock S19 ivory	69 80 216	980 216 00
	equipped with BU and BI	980 240 00
S19 opening base, ivory	69 80 210	980 210 00
S19 cone grommet, ivory	69 80 212	980 212 00
S19 upstream disconnection	69 80 220	980 220 00
Remote reader base	ivory	44 49 002
	grey	181 000 00
Remote reader base kit ivory, supplied mounted		181 000 01
Plastic lock kit, supplied mounted	triangle	954 092 00
	rectangle	954 097 00
Padlock cylinder kit, supplied mounted		980 243 00
Padlocking lugs kit, supplied mounted		980 244 00
Set of 2 plastic hinges for S19 door		900 889 00

BPS CABINETS

for Monitored Power Connection from 36 to 250 kVA

This range of cabinets is designed for outdoor monitored power metering from 36 to 250 kVA.

Equipment

- Universal mounting system or modular frame designed to receive any approved BPS box available on the market.
- Universal circuit-breaker (AGCP) bracket to mount models rated 100 to 400A:
 - SCHNEIDER ELECTRIC (NS and NSX range),
 - LEGRAND (DPX range),
 - GE POWER (FD, FE and FG range),
 - EATON (NZ range),
 - HAGER (X160, X250, H250 and H630 range)...

Accessories

- **Following BPS boxes:**
 - box type 1 or type 2 with 100A isolating switch (enclosure HN 62-S-20),
 - box version 3 type 2 with 200A isolating switch (enclosure HN 62-S-19),
 - box version 3 type 2 with 400A isolating switch (enclosure HN 62-S-19),
- **AGCP + link with 4 flexible cables including:**
 - 1 integrated circuit-breaker with differential protection, breaking capacity Icu 36 kA, rated 100 to 400A, (complies with NF IEC 60947-2),
 - 4 flexible single-pole copper cables (class 5) with lugs:
 - 50 mm² for AGCP 100A or 160A,
 - 70 mm² for AGCP 250A,
 - 150 mm² for AGCP 400A.
- **Link with 4 flexible cables (without AGCP),**
- **Remote reader base or remote reader unit.**

Standards

- Compliant with specification Enedis-DFI_Index 1: "Cabinet for monitored power connection, range from 36 to 250 kVA low voltage",
- IP44 according to NF EN 60529,
- IK10 according to NF EN 62262.



Technical qualities
Ergonomics
Design

Enedis
approval

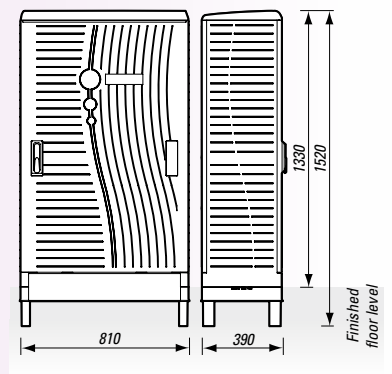
Composite BPS cabinets ivory

Glass fibre reinforced polyester unit: protection IP44, IK10, 4 anti-posting sides.

Door equipped with european rectangle 1/2 cylinder lock, 3 points 1/4 turn lock, retractable and padlockable handle and invisible hinges.

Fixing: anchored to the ground, or surface-mounted on concrete foundation.

Optional: remote reader base or unit on the door.



		Enedis	Depagne
Composite BPS cabinet, integrated base	Enedis logo	69 80 235	980 235 00
	without logo		980 235 01
Remote reader base ivory		44 49 002	181 000 00
Remote reader unit ivory		44 49 007	181 100 00
European rectangle 1/2 cylinder lock			980 232 00
European 1/2 cylinder lock with key	CEN region (03, 15, 18, 19, 23, 28, 36, 37, 41, 43, 45, 63, 87)		980 232 01
	EST region (08, 10, 25, 39, 51, 52, 54, 55, 57, 67, 68, 70, 88, 90)		980 232 02
	IDF region (75, 77, 78, 91, 92, 93, 94, 95)		980 232 03
	MED region (04, 05, 06, 11, 13, 20, 30, 34, 66, 83, 84)		980 232 04
	MMN region (02, 14, 27, 50, 59, 60, 61, 62, 76, 80)		980 232 05
	OUE region (16, 17, 22, 29, 35, 44, 49, 53, 56, 72, 79, 85, 86)		980 232 06
	S-E region (01, 07, 21, 26, 38, 42, 58, 69, 71, 73, 74, 89)		980 232 07
	S-O region (09, 12, 24, 31, 32, 33, 40, 46, 47, 48, 64, 65, 81, 82)		980 232 08
	OVERSEAS TERRITORIES region		980 232 09
Deny/Thirard lock bracket kit for Composite BPS cabinet, supplied mounted			980 233 00
Set of hinge spare parts			980 235 90
Replacement door assembly (door + lock + hinges)			980 235 92

AGCP circuit-breakers

		Depagne
AGCP circuit-breaker	100A with set of 4 flexible CU cables 50 mm ² with lugs	980 236 00
Vigicompact kit, supplied mounted	160A with set of 4 flexible CU cables 50 mm ² with lugs	980 237 00
	250A with set of 4 flexible CU cables 70 mm ² with lugs	980 238 00
	400A with set of 4 flexible CU cables 150 mm ² with lugs	980 239 00
Set of 4 CU flexible cables	200A/50 mm ² with lugs	980 237 01
	250A/70 mm ² with lugs	980 238 01
	400A/150 mm ² with lugs	980 239 01



Technical
qualities
Accessible/
modular
Ergonomics
100%
recyclable



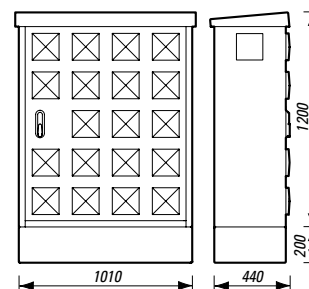
Aluminium BPS cabinet ivory

Assembly made from 2 mm aluminium without gasket: protection IP44, IK10, anti-posting system on door.
Door equipped with european triangle 1/2 cylinder lock, 3 points 1/4 turn lock, retractable and padlockable handle, invisible hinges, door stop.
Fixing: surface-mounted on concrete foundation.

Optional: remote reader base or unit.

	Depagne
Aluminium BPS cabinet on base	367 652 00
Aluminium BPS cabinet on base + european triangle 1/2 cylinder lock + remote reader	367 652 01
Remote reader base ivory	181 000 00
Remote reader unit ivory	181 100 00
BPS/AGCP wiring service	980 249 00
Deny/Thirard lock bracket kit, supplied mounted	652 902 00
Disconnecting earthing rod kit, supplied mounted	900 554 01

Aluminium BPS cabinet temporary connection version, see page 74



Polyester BPS cabinets

Glass fibre reinforced polyester cabinet: protection IP44, IK10, anti-posting system on door.

Door equipped with two 3 points 1/4 turn locks (optional).

Fixing: surface-mounted on concrete foundation.

Optional: remote reader base or unit.

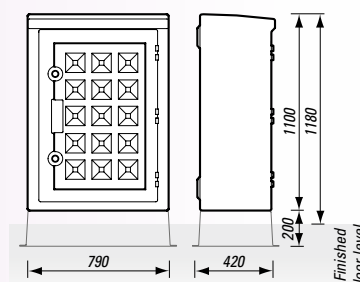


Technical
qualities
Accessible/
modular
Ergonomics
100%
recyclable



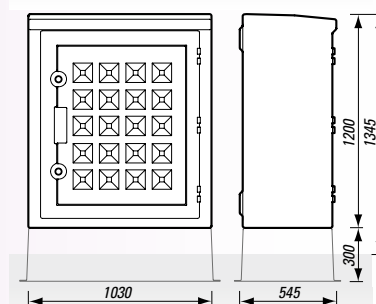
Polyester BPS cabinets 679 small model ivory

	Depagne
679 small model unequipped	367 679 00
equipped with 100A BPS box (988 915 00)	367 679 01
polyester base ivory 200x910x475	954 021 00



Polyester BPS cabinets 682 large model ivory

	Depagne
682 large model unequipped	367 682 00
equipped with 400A BPS box (988 918 10)	367 682 02
polyester base 190 ivory 300x1080x600	954 219 00



Accessories

	Depagne
Remote reader base ivory	181 000 00
Remote reader unit ivory	181 100 00
BPS/AGCP wiring service	980 249 00
Deny/Thirard lock bracket kit, supplied mounted	954 098 00
Plastic retractable handle kit (European 1/2 cylinder lock with 3 points closing), supplied mounted	954 058 00
3 points closing kit, supplied mounted	954 059 00
Plastic retractable handle kit (European 1/2 cylinder lock with 3 points closing) and gasket, supplied mounted	954 085 00
Disconnecting earthing rod kit, supplied mounted	900 554 01

Polyester BPS cabinet temporary connection version, see page 74

CABINETS and boxes for temporary connection from 3 to 250 kVA

This range of cabinets and boxes is designed for making an electrical connection with metering for an outdoor temporary installation. Examples of installations: building site, stallholders, Charity fairs, markets, caravans, mobile homes, individual houses with consuel (National Committee for the Safety of Electricity Users certification).

Complies with directive Enedis GTE 101.



Technical qualities
Accessible/
modular
Ergonomics
100%
recyclable



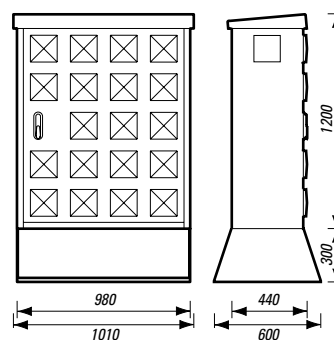
Aluminium BPS cabinet ivory for connection from 36 to 250 kVA

Assembly made from 2 mm aluminium without gasket, protection IP44, IK10, anti-posting system on door. Door equipped with european rectangle 1/2 cylinder lock, 3 points 1/4 turn lock, retractable and padlockable handle, invisible hinges, door stop.

Fixing: on metal base

Optional: remote reader base or unit.

	Depagne
Aluminium BPS cabinet on metal base	367 652 10
Remote reader base ivory	181 000 00
Remote reader unit ivory	181 100 00
BPS/AGCP wiring service	980 249 00
Deny/Thirard lock bracket kit, supplied mounted	652 902 00
Disconnecting earthing rod kit, supplied mounted	900 554 01



Technical qualities
Accessible/
modular
Ergonomics
100%
recyclable



Polyester BPS cabinets ivory for connection from 36 to 250 kVA

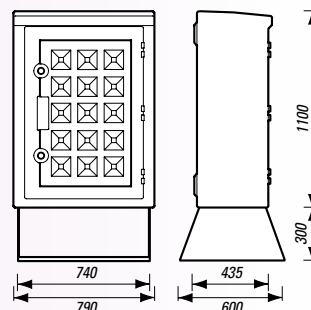
Glass fibre reinforced polyester cabinet: protection IP44, IK10, anti-posting system on door. Door equipped with two 3 points 1/4 turn locks (optional).

Fixing: on metal base

Optional: remote reader base or unit.

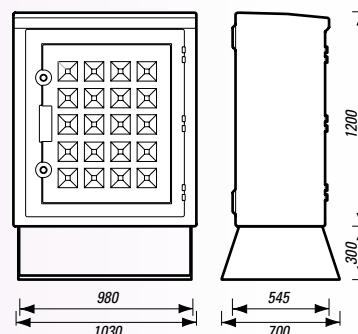
Polyester BPS cabinet 679 small model ivory

	Depagne
Cabinet 679 small model on metal base	367 679 10
Small model metal base	674 207 00



Polyester BPS cabinet 682 large model ivory

	Depagne
Cabinet 682 large model on metal base	367 682 10
unequipped	
equipped with 400A BPS box base (988 918 10)	367 682 14
Large model metal base	674 211 00



Accessories

	Depagne
Remote reader base ivory	181 000 00
Remote reader unit ivory	181 100 00
BPS/AGCP wiring service	980 249 00
Deny/Thirard lock bracket kit, supplied mounted	954 098 00
Plastic retractable handle kit (European 1/2 cylinder lock), supplied mounted	954 058 00
Plastic retractable handle kit (European 1/2 cylinder lock with 3 points closing), supplied mounted	954 059 00
3 points closing kit, supplied mounted	954 085 00
Plastic retractable handle kit (European 1/2 cylinder lock with 3 points closing) and gasket, supplied mounted	900 554 01

AGCP circuit-breakers

		Depagne
AGCP circuit-breaker	100A with set of 4 flexible CU cables 50 mm ² with lugs	980 236 00
Vigicompact kit, supplied mounted	160A with set of 4 flexible CU cables 50 mm ² with lugs	980 237 00
	250A with set of 4 flexible CU cables 70 mm ² with lugs	980 238 00
	400A with set of 4 flexible CU cables 150 mm ² with lugs	980 239 00
Set of 4 CU flexible cables	200A/50 mm ² with lugs	980 237 01
	250A/70 mm ² with lugs	980 238 01
	400A/150 mm ² with lugs	980 239 01

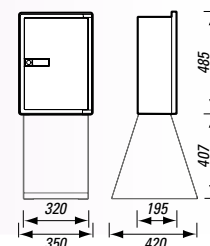
Single-phase S20 boxes ivory for connection from 3 to 12 kVA

1 one-phase/three-phase board comprising:

- 1 two-pole cutout size 00 (fuse and neutral not supplied),
- 1 space for single-phase meter 2 stranded wires,
- 1 circuit-breaker with 500mA differential protection,
- 1 switch with 30mA differential protection,
- 1 IP2X terminal block with 35 mm² capacity copper or aluminium,
- 1 earth terminal,
- remote reader base optional.

Depagne

Single-phase S20 box	with 2x15/45A circuit-breaker with 500mA differential protection and 2x40A switch with 30mA differential protection	674 261 01
	with 2x30/60A circuit-breaker with 500mA differential protection and 2x63A switch with 30mA differential protection	674 261 02
Metal base for S20 box		674 209 00
Remote reader base ivory		181 000 00
Fixing wall-mounted 2 C-profiles for box width between 250/300 mm		954 270 00
Pole fixing for strips (not supplied) and/or wall fixing, 2 brackets, supplied in bulk with nut		954 274 00
Pole fixing for strips (not supplied) and/or wall fixing kit, 2 brackets, supplied mounted		954 274 01
IP44 16A 2P+E socket with Ph+N 16A circuit-breaker with 30mA differential protection kit, supplied mounted		941 110 00



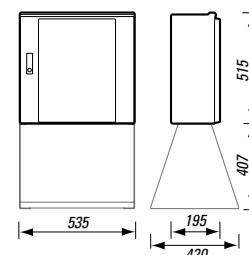
Three-phase S15 boxes ivory for connection from 9 to 36 kVA

1 exterior grade plywood board comprising:

- 1 four-pole cutout size 00 (fuse and neutral not supplied),
- 1 space for three-phase meter 4 stranded wires,
- 1 circuit-breaker with 500mA differential protection,
- 1 switch with 30mA differential protection,
- 1 IP2X terminal block with 35 mm² capacity copper or aluminium,
- 1 earth terminal,
- remote reader base optional.

Depagne

Three-phase S15 box	with 4x10/30A circuit-breaker with 500mA differential protection and 4x40A switch with 30mA differential protection	367 441 01
	with 4x30/60A circuit-breaker with 500mA differential protection and 4x60A switch with 30mA differential protection	367 441 02
Metal base for S15 box		367 409 00
Remote reader base ivory		181 000 00
Fixing wall-mounted 2 C-profiles for box width between 300/500 mm		954 271 00
Pole fixing for strips (not supplied) and/or wall fixing, 2 brackets, supplied in bulk with nut		954 274 00
Pole fixing for strips (not supplied) and/or wall fixing kit, 2 brackets, supplied mounted		954 274 01
IP44 16A 2P+E socket with Ph+N 16A circuit-breaker with 30mA differential protection kit, supplied mounted		941 110 00



PME-PMI connection BOXES and PANELS



Optimised installation

Compact.
Top fixing point
through keyhole.
Easy to clamp
cables.



PME-PMI boxes ivory

This box is designed to receive a PME-PMI meter as well as additional equipment necessary for its operation.

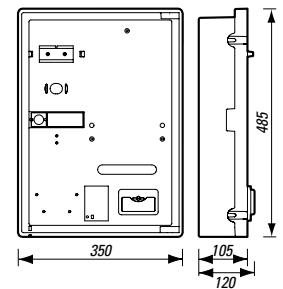
It is made up of a narrow chamber and a door of HN 62-S-20 type.

Composition:

- 1 chamber equipped with:
 - 1 earth cable entry with grommets and cable retaining collar,
 - 1 voltage cable entry with grommets and cable retaining collar,
 - 1 current cable entry with grommets and cable retaining collar,
 - 2 cable entries with grommets and cable retaining collars, if necessary, cables for antenna, remote reader, telephony, uncoupling link or customer RJ45 link,
 - 1 earth bar for connecting and maintaining the earth cable on the one hand and on the other hand two systems for connecting the earth screens of the two HN 33-S-34 cables (voltage and current),
 - 1 DIN rail mounted at the bottom of the chamber, equipped with:
 - for voltage circuits: 1x3 module, three-pole + neutral cutout (10x38) supplied with 3 10A gG fuses,
 - for current circuits: 1 short-circuit device supplied with a short-circuiting system with captive locating pin,
- 1 door serving as control board (PME-PMI meter, U&I test boxes, modem and 175 Hz relay).

Hot-compression moulded glass fibre reinforced polyester material.

Closing mechanism using triangle key (can be sealed).



		Enedis	Depagne
PME-PMI box	Enedis logo	69 88 100	988 100 00
	without logo		988 100 01



Control panels on PME-PMI renovation panels ivory

This equipment is used for renovating old metering (Yellow Tariff or Green Tariff). It is designed to receive a PME-PMI meter. The mounted assembly (control panel and renovation panel) is installed in an existing cabinet instead of the old panel, generally mounted on a metal frame that serves as a door.

Standards

Control panel and renovation panel complies with technical specification Enedis-CPT-M&S-Spe-9020A. IP41 according to NF EN 60529, IK10 according to NF EN 62262. Synthetic material in accordance with specifications HN 60-E-02 and HN 60-S-02.

Composition:

- 1 fixed door serving as control panel (PME-PMI meter, U&I test boxes, modem and 175 Hz relay),
- 1 renovation board having a central opening for mounting and fixing the above-defined control panel,
- 1 DIN rail equipped with a voltage cutout and a current short circuiter.

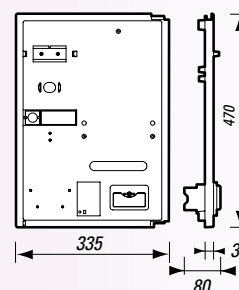
Optimised installation

Ergonomic of the PME-PMI control panel identical to the 100A monitored power connection box. A number of solutions possible for fixing on equipped DIN rail or INCA box (on the control panel or the renovation panel).



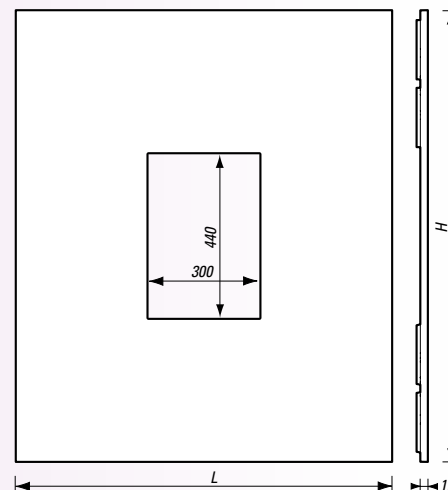
PME-PMI control panels ivory

	Enedis	Depagne
PME-PMI control panel	Enedis logo 69 88 102	988 102 00
	without logo	988 102 01



PME-PMI renovation panels ivory

	HxL ⁽¹⁾	Enedis	Depagne
PME-PMI renovation panel	1200x1000	69 88 110	988 110 00
	1200x800	69 88 112	988 112 00
	1180x780	69 88 114	988 114 00
	1000x800	69 88 116	988 116 00
	1000x600	69 88 118	988 118 00
	850x650	69 88 120	988 120 00
	830x680	69 88 122	988 122 00
	820x670	69 88 124	988 124 00
	800x600	69 88 126	988 126 00
	800x500	69 88 128	988 128 00
	780x590	69 88 130	988 130 00
	670x395	69 88 132	988 132 00
	660x450	69 88 134	988 134 00
	655x450	69 88 136	988 136 00
	650x450	69 88 138	988 138 00



Accessories

	Enedis	Depagne
PME-PMI renovation kit (U cutout and I short-circuiting)	69 88 150	988 150 00

Installation

Use in enclosed areas, on solid and covered bracket, protected from rain, dust and smoke. The control panel is mounted on the renovation panel with the 4 screws supplied. The assembly thus mounted is installed instead of the existing panel, using the mounting clips recovered when removing the old panel (not accessible from outside).

(1) HxW: overall Height x Width
Dimensions in mm.

Metering switchboard for HTA meter

The metering board for HTA meter (Green tariff) is optimized for all installations with three-phase connection. HTA delivery point (technical room).

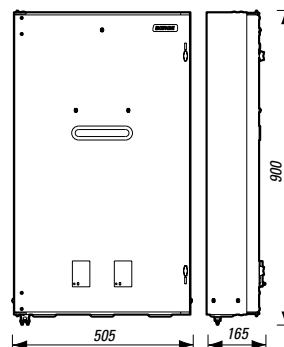
The whole set is made of sheet-steel with rustproof primary coating and corrosion-resistant paint. Use in closed area, on resistant and open support, protected from the rain, dust and smoke.

Composition:

- 1 chamber:
 - 3 grommets in bottom part,
 - connection wiring-HTA meter,
 - connection terminal blocks.
- 1 hinged door:
 - opening by 2 SV M5X50 sealable buttons,
 - feed-through for connection wiring-HTA meter,
 - location with fasteners for HTA meter,
 - voltage test box (U),
 - amperage test box (U).

Standards

Comply with ENEDIS specifications HR 23/96/056 E of September 1999. Installation standards NF C 14-100.



Metering switchboard for HTA meter ivory

	Enedis	Depagne
Meter board for HTA meter	69 88 792	369 792 00
Adapter plate for Emerald meter	69 88 793	369 793 00
PC support plate	69 88 794	369 794 00



Composite BPS cabinets, Saint-Paul-lès-Romans



Polyester BPS cabinets, Geispolsheim





 03

Outdoor lighting and signage

FOR OUTDOOR LIGHTING INSTALLATION TEMPORARY ILLUMINATION ROAD SIGNAGE

• Standards and protection	82
• Outdoor lighting and signage	84
• Control and command boxes	
The essentials	90
The classics	94
• Control and command assemblies	
SINGLE-PHASE metering + control units	98
THREE-PHASE metering + control units	99
• Junction and protection boxes at the base of lighting poles	
Boxes type 0 and type 1	102
Boxes type 2 and type 3	104
Boxes type 4	106
Connection boards	107
• Outdoor connection and protection boxes for lighting poles	
Boxes type 597, boxes LUMI 591 and boxes type 593	108
• Outdoor connection and protection boxes	
Boxes 1800 and 1810	111
Boxes 1835 and S22	112
• Specific equipment for lighting poles	
Lighting pole base plates and protection caps for nuts and anchor rods	113
Temporary protection pedestals and RESTOSOL®, cable anti-theft device	114
Twilight switch	114
LUMIprise, lighting pole top connection sockets	115
Junction boxes for road signage	115
• Lighting management solutions	
Delayed, autonomous and controlled management modes	116
Delayed bus TIM and TIMgrad	116
Management of ballasts, SL21, SL31 and SL42 controllers	120
Infrared motion sensors on adjustable support LUMIway	122
• Lighting poles protection	
Differential disconnection device RED 12	125
Automatic disconnection device RDI 12 and REDcam	125
Automatic disconnection device and timer RED GT	126
Short overvoltage and overcurrent protection STR and STIR	126
Surge, overvoltage protection	127

STANDARDS and protection



Our ranges of boxes and cabinets are designed to supply power to outdoor lighting, road signage or temporary power installations.



Connection of cabinets and boxes

The NF C 17-200 rules apply to the Outside Lighting field, in the case of **new works** or **upgrading of existing facilities** (in addition to standards NF C 13-100, NF C 13-200, NF C 14-100, NF C 15-100 and NF C 15-150-1).

The revisions of these added standards to the mandatory requirement of Enedis G.7.4-01 apply to:

- outdoor lighting, public and private roads, parks, gardens, stadiums...
- lighting of street furniture,
- beacon lights,
- lighting of public roads,
- illuminations.

The main modification lies in the necessity of a physical separation between the network manager's equipment and the outdoor lighting operator.

The CCPI function is therefore separated from the metering part and from the equipment, and is placed inside a box validated by Enedis, such as S20 or CIBE.

Protection against direct contact

- The boxes or cabinets door needs a special tool for opening.
- IP2X degree of protection (\varnothing 12 mm) after the door is opened.
- Dielectric strength of 4 kV between conductors and the external conductive parts.

Protection against indirect contact

The exposed conductive parts of the installation are connected to the same earth connection.

Regardless of the protection class of the equipment, the lighting poles are connected to the earth through earth terminals.

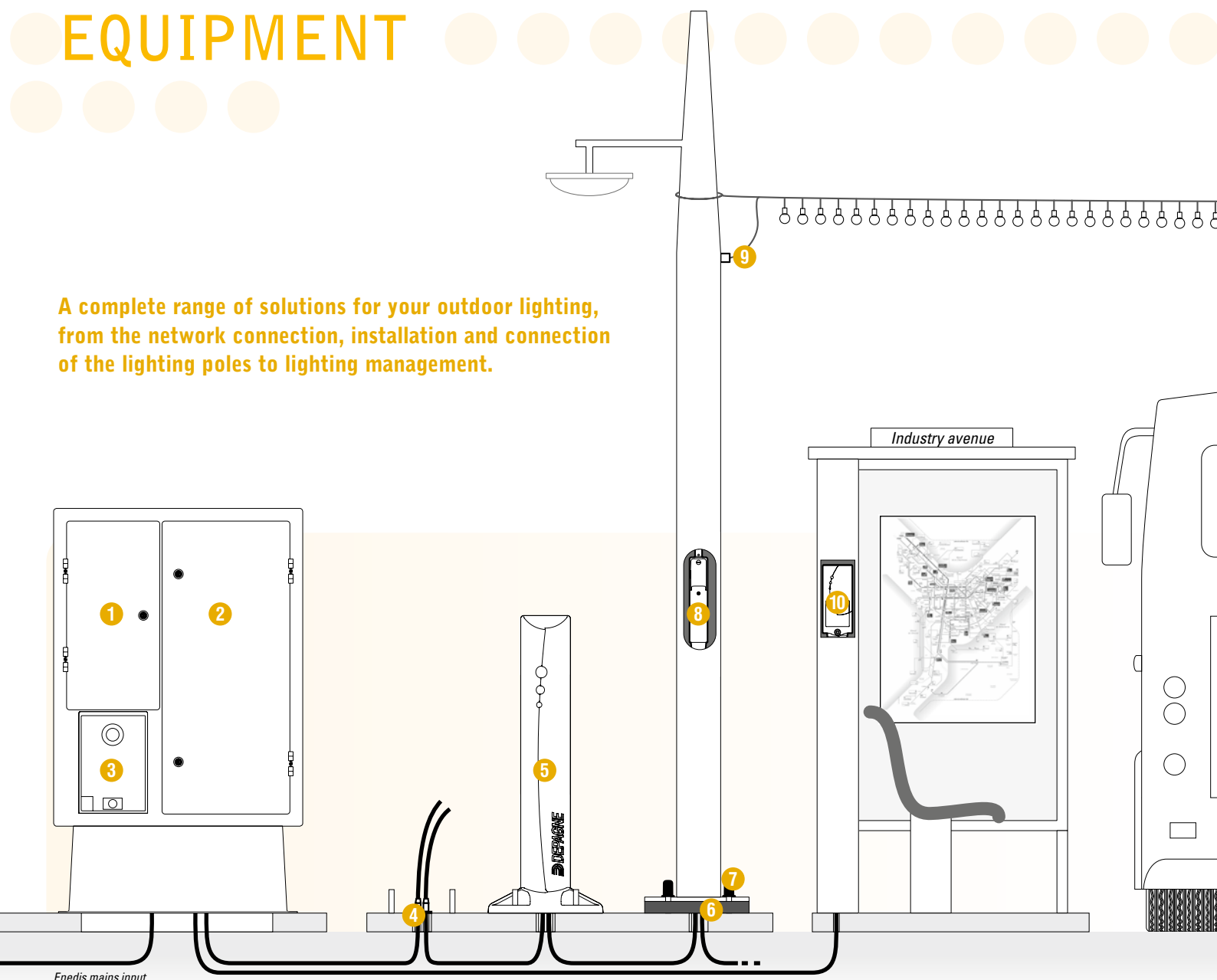
Degrees of protection

- IP34** control box and external equipment to lighting poles
- IP21** lighting pole internal equipment
- IP24** lighting poles installed < 2.5 m high
- IP23** lighting poles installed > 2.5 m high
- IP44** network manager box



EQUIPMENT

A complete range of solutions for your outdoor lighting, from the network connection, installation and connection of the lighting poles to lighting management.



Enedis mains input

Distribution box

Box with separation of zones
NF C 14-100 and NF C 17-200:

- 1 **Metering compartment**, space for the Enedis approved control panel including the meter and the AGCP, Main Control and Protection Device (NF C 14-100),
- 2 **control compartment**, space for the street light controls on a pre-wired board and under a conduit box (NF C 17-200),
- 3 **network manager compartment**, space for the connection protection device CCPI (Single-pole Individual Main Cutout) in the Enedis approved box (NF C 14-100).

Safety and protection

- 4 **RESTOSOL®**, cable anti-theft device during installation of lighting poles.
- 5 **Temporary protection pedestal**, providing temporary mechanical protection for electric cables from a lighting pole which is damaged or waiting for installation.

Installation and management

- 6 **Lighting pole base plates**, semi-rigid adaptation and isolation base plate for adjusting the verticality of the lighting pole when it fixing it to the ground.
- 7 **Protective cap** with grease for the lighting pole nuts and anchor rods.
- 8 **Connection and protection box at the base of lighting poles**, with differential protection with rearming and/or automatic resetting.
- 9 **LUMIprise, lighting pole top connection socket**, for connecting a string of fairy lights on an existing mast or a new installation.
- 10 **Outdoor connection and protection box**, designed for low power installations for many applications.

Outdoor LIGHTING and signage

Boxes and cabinets



Metering and control box

Metering and control for outdoor lighting



Taillefer outdoor lighting cabinet

Metering and control for outdoor lighting

Lighting poles



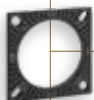
Lighting pole connection boxes

For class II installation at the base of the lighting pole



RESTOSOL®

Cable anti-theft device during installation of lighting poles



Lighting pole base plate

Adaptation and isolation for adjusting the verticality of the lighting pole when fixing it to the ground



Protective cap

For lighting pole nuts and anchor rods



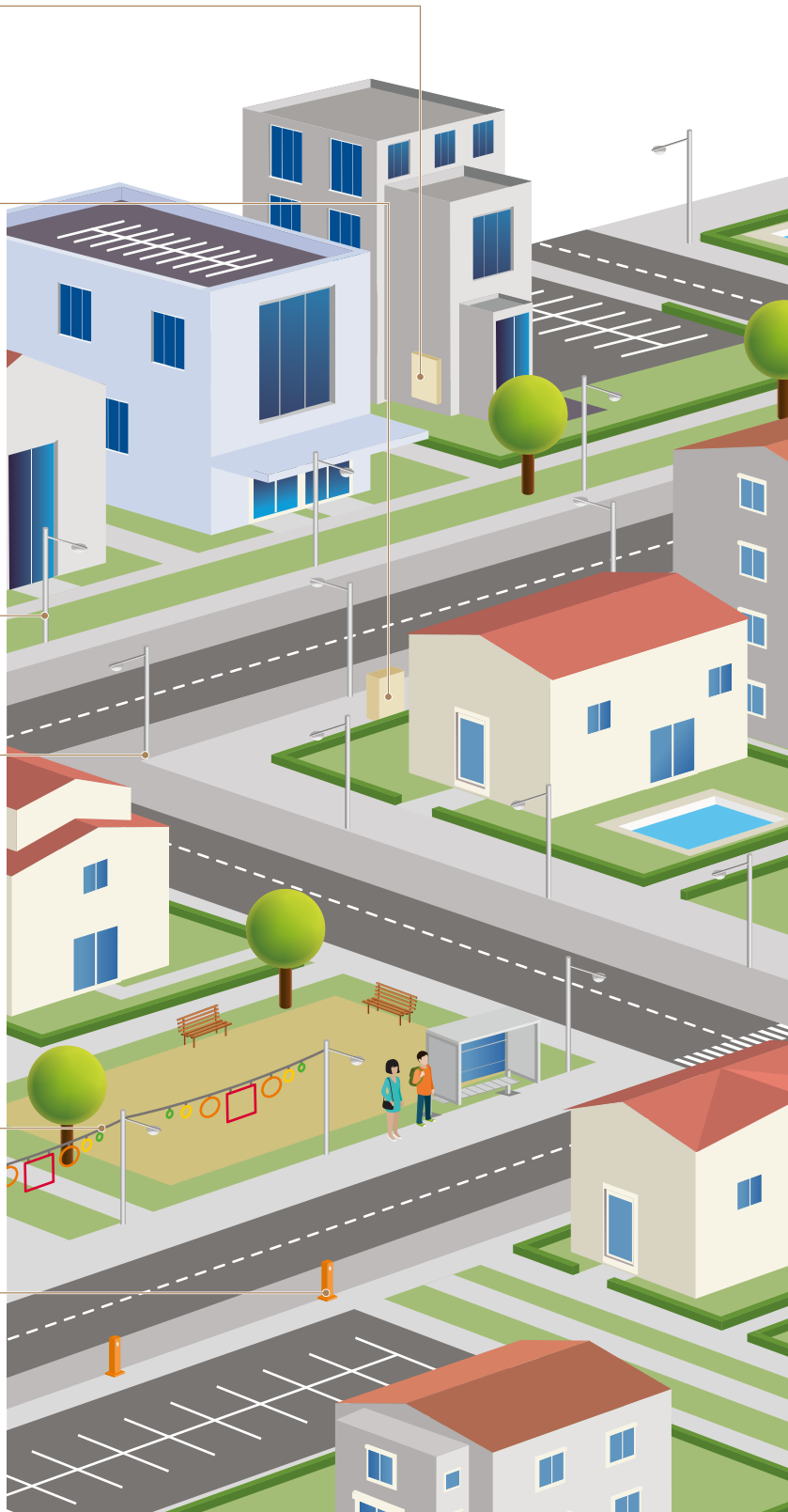
LUMprise, lighting pole top connection socket

For connecting fairy lights on an existing lighting pole or a new installation



Temporary protection pedestal

Gives temporary mechanical protection for electric cables from a lighting pole which is damaged or waiting for installation





Lighting poles protection

Outdoor connection and protection boxes for lighting poles

For outdoor class II installation



Outdoor connection and protection boxes

Designed for low power installations



Lighting management

SL21

Light point controller



Motion sensor

DALI detection management



SL-TPE

Cabinet pilot



Lighting poles protection

Surge

Overvoltage protection device



Road signage

Junction box for road signage

For class II installation



Outdoor LIGHTING and signage (continued)



Lighting poles in class II and I installations

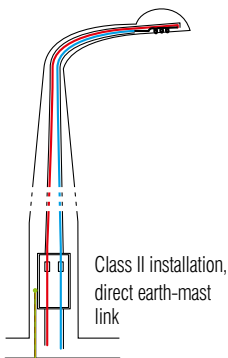
Recent installations are primarily of class II.

The current stock is primarily of class I.

A large number of installations represent or will represent a combination of the 2 solutions.

The lighting poles meet their own standards of insulation, installation, mechanical shock, corrosion and condensation.

Their electrical protection will vary according to their class.

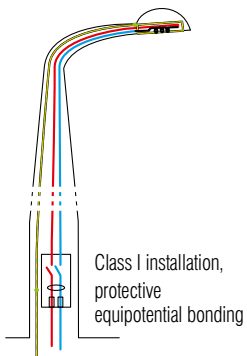


Class II installation:

- fuse cutout



Ph+N cutout



Class I installation:

- fuse cutout + automatic disconnection device (DDA),
- fuse cutout + switch with 30mA differential protection, instantaneous,
- 30mA residual current device (DDR), instantaneous



Ph+N cutout + DDA



DDR

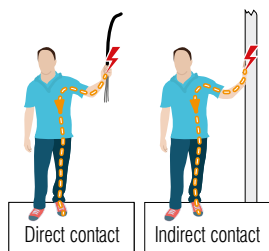
The cutout protects against overcurrents.

The DDA opens if an isolation fault occurs and can be reset automatically.

The DDR protects against overcurrents and against isolation faults.



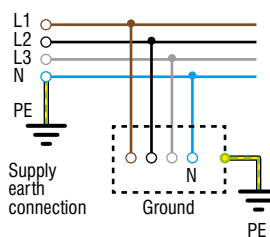
Protection against electric shock



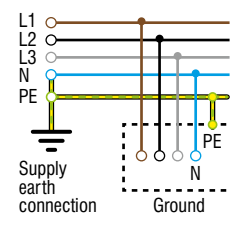
Direct contact, obligation to isolate live parts.

Indirect contact, depending on the TT or TN earthing system, the earth should be calculated for the discharge of earth leakages.

Most installations use the TT earthing system.



TT earthing system

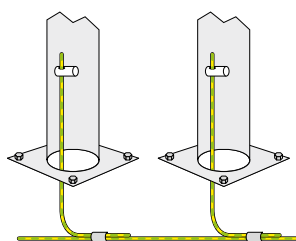


NT earthing system

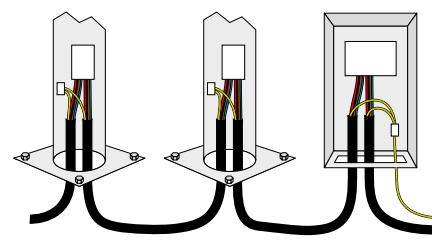
Earth connections

The standard NF C 17-200 of 20/09/2007, sets out its application for:

- any addition of a new circuit,
- change in wiring diagram,
- change in protection.



Interconnected, non-removable and crimped links. Mandatory in Zone AQ3, lighting zone.



Links interconnected between lighting poles by a green/yellow conductor connected to the earth connection.

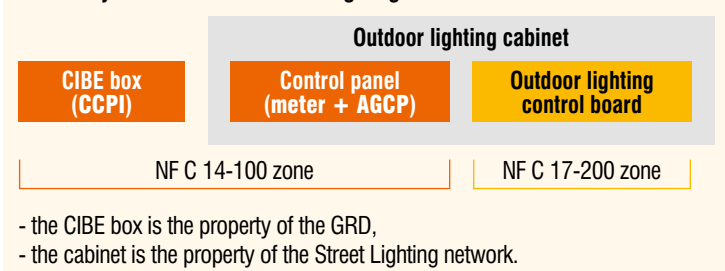
Outdoor LIGHTING and signage (continued)



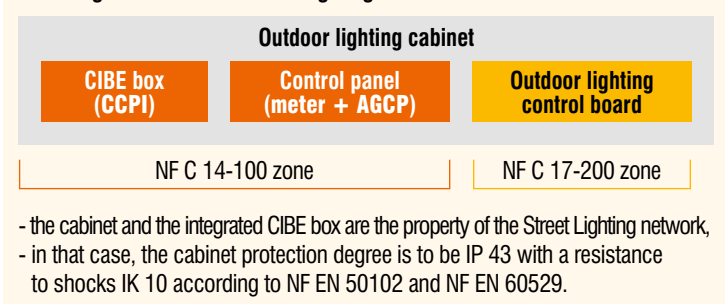
Limited power connection equipment

The 3 possibilities of CCPI function.

- **Provided by the ACG** located on the low-voltage switchboard (TIPI, TUR “urban LV switchboard”) of a HV/LV substation, when the box or cabinet for street lighting is directly connected to the distribution point.
- **Provided by a box outside the street lighting cabinet**



- **Or an integrated box to the street lighting cabinet**



NF C 14-100 access zone

The GRD (Distribution System Operator) should be able to change the whole NF C 14-100 installation, including control devices and panel.

Permanent access to control panel by the GRD (Distribution System Operator) is not required.

NF C 17-200 access zone

The street lighting manager should have access to NF C 17-200 installation without being disturbed by NF C14-100 installations.

Whether or not the box is integrated to the street lighting cabinet, the CCPI function is physically separated from the equipment and is located in the connection box, directly reachable by the GRD (Distribution System Operator) of the public sector.

The panels equipped with the CCPI function are not accepted by ENEDIS, but can be accepted by other GRD (for configuration outside the 14-100 specification, asking for approval of the GRD before, to avoid any refusal).

THE COUNTING FUNCTION is provided by the control panel which gather the meter and the AGCP (General Protection and Cut-out Device).

It can be of single-phase or three-phase type, according to “Enedis-CPT-M&S-spe-13006A” specifications and are conformable with the installation of CBE or Linky meter.

THE AGCP FUNCTION (General Protection and Cut-out Device) is ensured by the branch circuit breaker (DDB) with all-power off. According the street lighting outlets configurations, it will be non-differential, differential or selective differential. The circuit breaker of the control panel can be used as aline-isolating switch, only for low range installations (maxi. 3 light points).

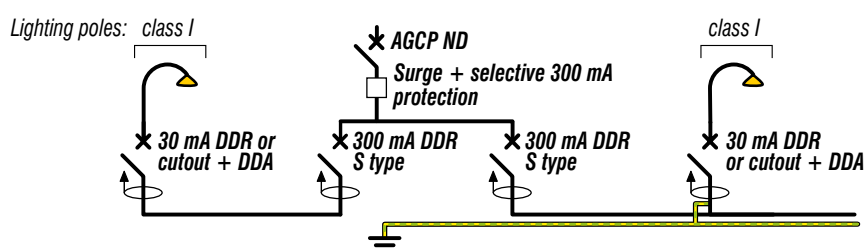
Limited power connection conformity

All new connections or request for delivery point modification: contract power, moving of delivery point, the exceeding of capacity at the delivery point, replacement of the line-isolating switch, modification of the protection plan.



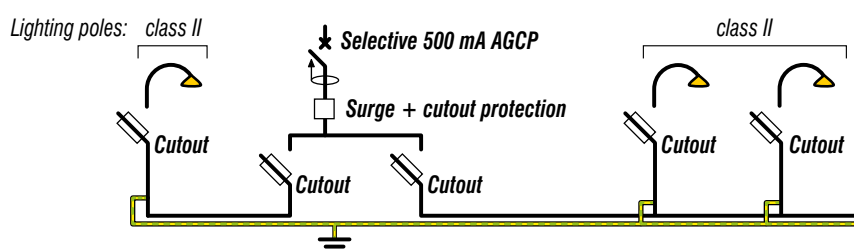
Regulatory protection depending on the configurations and isolation classes I or II of lighting poles for TT earthing system (French outdoor lighting)

Case 1, class I installation

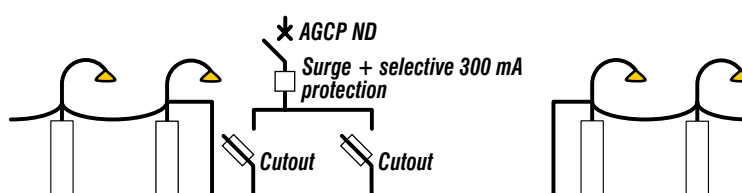


Case 2, class II installation

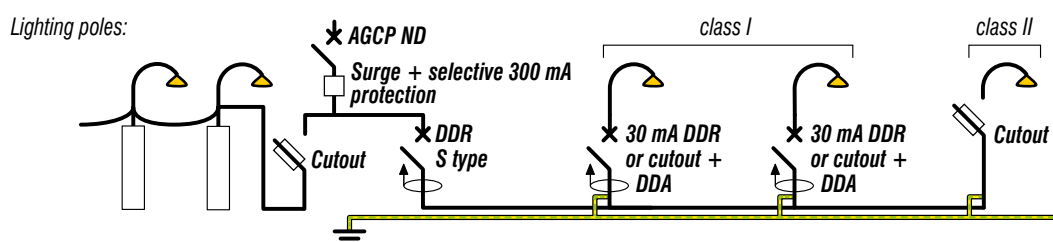
The selectivity will depend on the earth resistance value.



Case 3, overhead feeders



Case 4, class I + class II mixed installation + overhead feeders



AGCP: branch circuit-breaker
 DDR: modular differential circuit-breaker
 C/C: cutout
 DDA: differential automatic rearming device
 ND: non-differential

Control and command BOXES



The essentials

Comply with standards NF C 14-100 and NF C 17-200 supplemented by ENEDIS-SPC-F.8.8-01-A1 prescription (former G.7.4-01) in applicable fields of outdoor lighting.

In case of new works or upgrading of existing installations:

- outdoor lighting, public and private roads, parks, gardens, stadium...
- lighting of urban furniture,
- lighting signage,
- lighting of public road,
- illuminations.

The pedestal integrates a physical separation between the network manager's equipment (metering) and the outdoor lighting operator.

It consists of a CIBE type box, ensuring the CCPI function and is validated by Enedis.



Box 800 x 250 (Type 2 S17) with CCPI function

This box integrates the CCPI function (single-phase or three-phase CIBE box) in order to comply with Enedis specification G.7.4-01.

Made of GRP (Glass fibre reinforced polyester).

Protection: IP 43, IK 10.

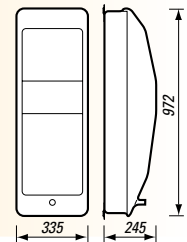
Closing by 1 triangular ¼ of turn lock.

Fixing on a pole with strips.

Box 800 x 250 (Type 2 S17) grey

Box with 4 fixing brackets for pole strips supplied	1 anti-poster door, 1 compartment with inner equipment single-phase 60A CIBE + single-phase + control panel 225 x 250 + single-phase command, mounted and wired	1 outlet, 1 circuit, 40A
---	---	--------------------------

Depagne
605 170 02



For equipment and accessories, please refer to page 100



Pedestal 1000x500 with CCPI function

This box integrates the CCPI function (single-phase or three-phase CIBE box) in order to comply with Enedis specification G.7.4-01.

Pedestal made of GRP (Glass fibre reinforced polyester).

Protection: IP 43, IK 10.

Closing by 1 triangular ¼ of turn lock.

Fixing in the ground on built-in base.

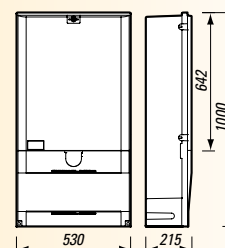
Pedestal 1000x500 ivory

Pedestal on built-in base Supplied mounted and wired

1 plain door, 1 compartment with inner equipment
 single-phase 60A CIBE
 + single-phase control panel 225 x 250
 + single-phase command, 1 outlet, 1 circuit 40A

Depagne

601 560 02



For equipment and accessories, please refer to page 100

Control and command BOXES (continued)

The essentials (continued)

Glass fibre reinforced polyester boxes.
Closed by padlockable 11 mm triangle key. Sealing IP44, IK10.

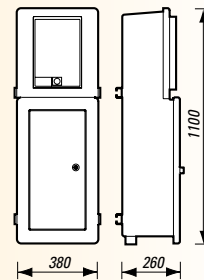
Oisans boxes with CCPI function

These boxes integrates the CCPI function (single-phase or three-phase CIBE box) in order to comply with Enedis specification G.7.4-01.

Oisans boxes 1000x250 ivory

		Depagne
Oisans 1000x250 box	1 smooth door, 2 compartments one above the other, with single-phase 60A CIBE, supplied with 2 lugs for mounting on post by metal strip	605 176 00
Fixing	wall-mounted 2 C-profiles for box width between 250/300 mm	954 270 00

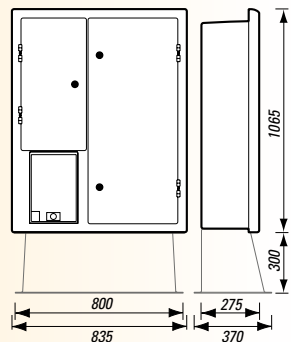
Equipment and accessories, see pages 98 to 101



Oisans boxes 1000x800 ivory

		Depagne
Oisans 1000x800 box, 2 smooth doors, 2 compartments side by side (without base version), supplied with 4 lugs for mounting on post by metal strip	with single-phase 60A CIBE with three-phase 60A CIBE	602 635 01 604 635 01
Oisans 1000x800 box, 2 smooth doors, 2 compartments side by side	with single-phase 60A CIBE with three-phase 60A CIBE	602 635 00 604 635 00
Base	polyester 130 ivory, 300x800x370	954 213 00
	metal, 300x806x420	674 212 00
Door	small door ivory equipped with 1 x 1/4 turn lock	604 635 81
	large door ivory equipped with 1 x 1/4 turn lock	604 635 82
IP2X screen kit, supplied mounted		602 636 00
Electric switchboard 4 rows, 4x18 modules, 72 modules kit, supplied mounted		604 635 33
Fixing	wall-mounted 2 C-profiles for box width between 800/1000 mm	954 273 00
	mounted on post by metal strip, 2 C-profiles for box width between 650/1000 mm	954 282 00

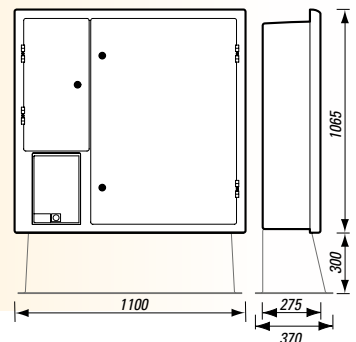
Equipment and accessories, see pages 98 to 101



Oisans boxes 1000x1100 ivory

		Depagne
Oisans 1000x1100 box, 2 smooth doors, 2 compartments side by side	with single-phase 60A CIBE with three-phase 60A CIBE	602 835 00 604 835 00
Base	polyester ivory, 300x1100x370	954 223 00
Electric switchboard 4 rows, 4x18 modules, 72 modules kit, supplied mounted		604 635 33
Fixing	wall-mounted 4 C-profiles for box width between 800/1000 mm	954 273 00
	mounted on post by metal strip, 2 C-profiles for box width between 650/1000 mm	954 282 00

Equipment and accessories, see pages 98 to 101

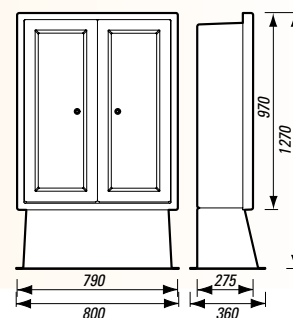




Oisans S17 type 3 boxes ivory

		Depagne
Oisans S17 type 3 (559) box	2 smooth doors, 2 compartments side by side (without base version)	600 559 02
	2 smooth doors, 2 compartments side by side	600 559 00
Base	polyester 130 ivory, 300x800x370	954 213 00
Door equipped with 1 x 1/4 turn lock	left with window	941 020 60
	right without window	941 020 61
Board unequipped	800x250 kit, supplied mounted	611 000 00
Fixing	wall-mounted 2 C-profiles for box width between 650/800 mm	954 272 00
	mounted on post by metal strip, 2 C-profiles for box width between 650/1000 mm	954 282 00

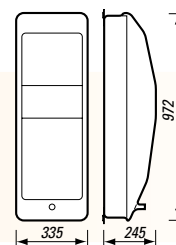
Equipment and accessories, see pages 98 to 101



S17 type 2 box grey

		Depagne
S17 type 2 box	1 door with triangle lock, supplied with 2 lugs for mounting on post by metal strip	600 534 00
Board unequipped	800x250 kit, supplied mounted	611 000 00
Fixing	wall-mounted 2 C-profiles for box width between 250/300 mm	954 270 00

For equipment and accessories, please refer to page 100



Control and command BOXES (continued)

The classics



Accessibility/modularity

Cabinets range of 1 or 2 lift-off hing doors and interchangeable opening left/right.

Tailor-made Equipment

Assembly and wiring on board or DIN rail or perforated grid.

Technical properties

High resistance, anti-corrosion, easy handling.

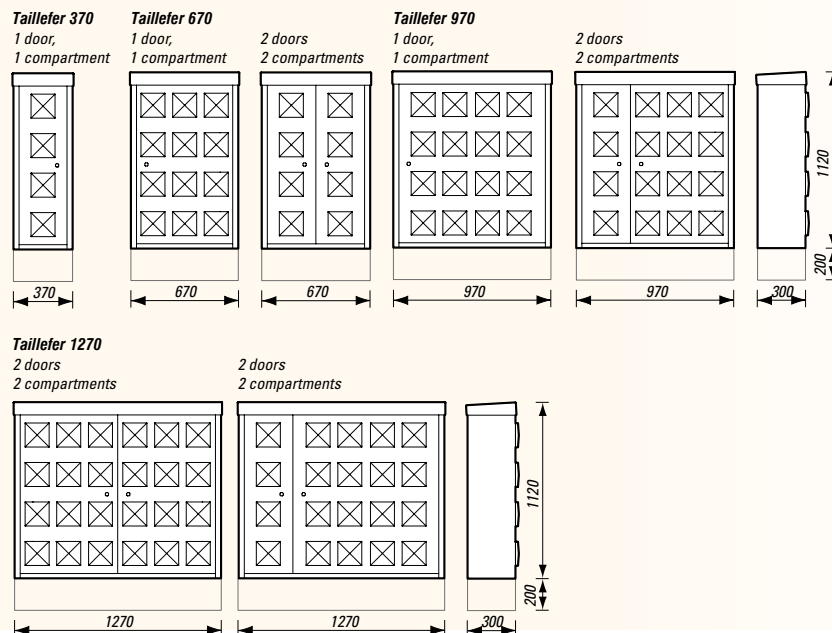
100% RECYCLABLE

Range of aluminium cabinets designed for outdoor, complying with your requirements for standard or specific equipment, with potential applications such as:

- cabinet with external sockets,
- cabinet with closed operation, with internal sockets and cable-gland traps,
- "stadium" type cabinet with 3 positions operation system,
- removable cabinet on frame.

For further information on this range, see "Cabinets" chapter, page 194.

Taillefer cabinets ivory



Range of polyester modular cabinets for outdoor, can be used for a wide range of applications.

Closed by padlockable 11 mm triangle key. Sealing IP44, IK10.

For more information on this range, see "Cabinets" chapter, pages 198 at 203.

Ecrins modular cabinets with CCPI function

Cabinets with frame and base.

These cabinets integrates the CCPI function (single-phase or three-phase CIBE box) in order to comply with Enedis specification G.7.4-01.

Ecrins 2 modules cabinets grey RAL 7010

2 doors cabinet, 4 anti-posting sides equipped with frame, three-phase 60A CIBE and base	Depagne	607 240 00
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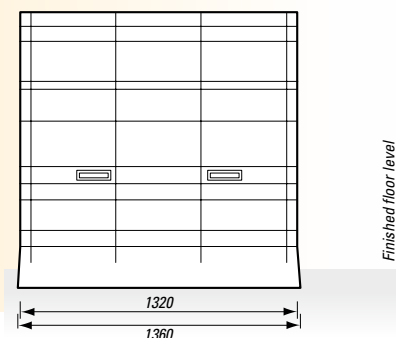
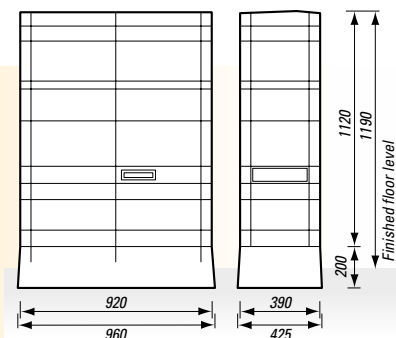
Ecrins 3 modules (1+2) cabinets grey RAL 7010

3 doors cabinet, 4 anti-posting sides equipped with frame, three-phase 60A CIBE and base	Depagne	607 340 00
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Accessories

IP2X screen kit, supplied mounted	for 2 modules frame small model	Depagne	607 942 00
	for 2 modules frame large model		607 944 00
Kit for personalised inscription on plaque, supplied mounted			607 935 00
Kit 1 door contact, supplied mounted			607 936 00

Equipment and accessories, see page 100



Chartreuse modular cabinets with CCPI function

These cabinets integrates the CCPI function (single-phase or three-phase CIBE box) in order to comply with Enedis specification G.7.4-01.

Chartreuse 2 modules cabinets ivory

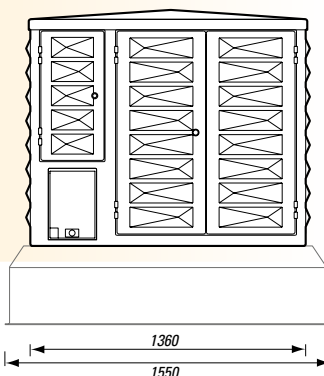
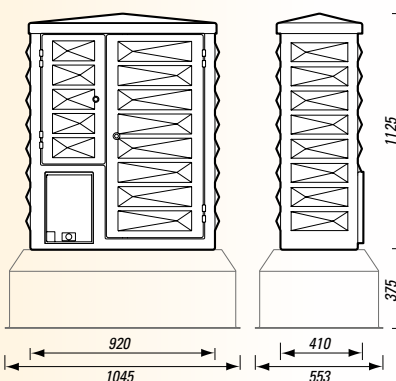
2 front doors, with three-phase to the left	Depagne	604 427 00
4 anti-posting sides 60A CIBE to the right		604 427 01
2 front/rear doors, with three-phase to the right		625 427 00
4 anti-posting sides 60A CIBE to the left		625 427 01
Base polyester 2 modules ivory, 375x1045x553		954 811 00
1 door with CIBE frame front side with 7 DIN rails		604 435 00
kit, supplied mounted front/rear side with 2x7 DIN rails		604 435 01
IP2X screen 1 door with CIBE kit, supplied mounted		604 431 00

Equipment and accessories, see page 100

Chartreuse 3 modules (2+1) cabinets ivory

3 front doors, with three-phase to the left	Depagne	604 428 01
4 anti-posting sides 60A CIBE to the right		604 428 00
3 front/rear doors, with three-phase to the right		625 428 00
4 anti-posting sides 60A CIBE to the left		625 428 01
Base polyester 3 modules ivory, 375x1550x553		954 812 00
2 doors frame kit, front side with 7 DIN rails		604 436 00
supplied mounted front/rear side with 2x7 DIN rails		604 436 01
IP2X screen 2 doors kit, supplied mounted		604 432 00

Equipment and accessories, see page 100



Control and command BOXES (continued)

The classics (continued)

Glass fibre reinforced polyester boxes.
Closed by padlockable 11 mm triangle key. Sealing IP44, IK10.

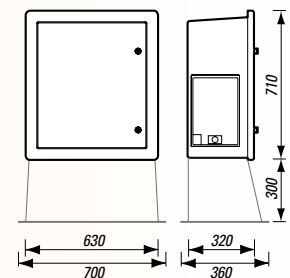
Meije boxes with CCPI function

These boxes integrates the CCPI function (single-phase or three-phase CIBE box) in order to comply with Enedis specification G.7.4-01.

Meije 600x500 box ivory

		Depagne
Meije 600x500 box	1 smooth door, with three-phase 60A CIBE	602 544 00
Base	polyester 120 ivory, 300x700x360	954 212 00
Fixing	wall-mounted 2 C-profiles for box width between 300/500 mm	954 271 00
	mounted on post by metal strip 2 C-profiles for box width between 300/500 mm	954 281 00

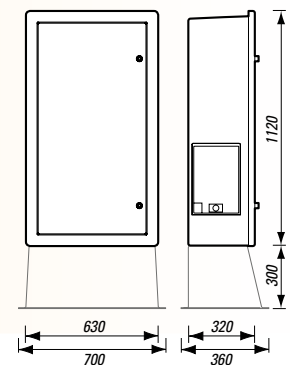
Equipment and accessories, see page 100



Meije 1000x500 box ivory

		Depagne
Meije 1000x500 box	1 smooth door, with three-phase 60A CIBE	601 562 00
Base	polyester 120 ivory, 300x700x360	954 212 00
Fixing	wall-mounted 2 C-profiles for box width between 300/500 mm	954 271 00
	mounted on post by metal strip 2 C-profiles for box width between 300/500 mm	954 281 00

Equipment and accessories, see page 100

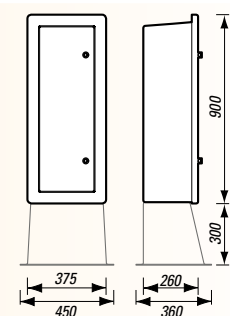


Meije boxes

Meije 800x250 boxes ivory

		Depagne
Meije 533 box (800x250)	1 smooth door (without base version)	600 533 02
	1 smooth door	600 533 00
Base	polyester 110 ivory, 300x450x350	954 210 00
Board unequipped 800x250 kit, supplied mounted		611 000 00
Fixing	wall-mounted 2 C-profiles for box width between 250/300 mm	954 270 00
	mounted on post by metal strip, 2 C-profiles for box width between 250/300 mm	954 280 00

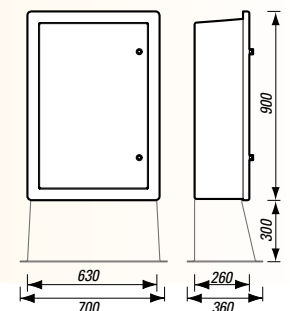
Equipment and accessories, see page 100



Meije 800x500 boxes ivory

		Depagne
Meije 558 box (800x500)	1 smooth door (without base version)	600 558 03
	1 smooth door	600 558 00
	1 smooth door on metal base	600 558 15
Base	polyester 120 ivory, 300x700x360	954 212 00
	metal, 300x506x420	674 210 00
Board unequipped 800x500 kit, supplied mounted		621 000 00
Fixing	wall-mounted 2 C-profiles for box width between 300/500 mm	954 271 00
	mounted on post by metal strip 2 C-profiles for box width between 300/500 mm	954 281 00

Equipment and accessories, see page 100

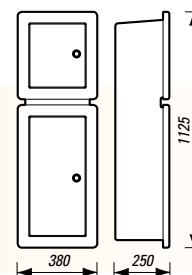




Oisans 1000x250 box ivory

		Depagne
Oisans (5175) 1000x250 box	2 smooth doors, 2 compartments one above the other	605 175 00
Fixing	wall-mounted 2 C-profiles for box width between 250/300 mm	954 270 00
	mounted on post by metal strip, 2 C-profiles for box width between 250/300 mm	954 280 00

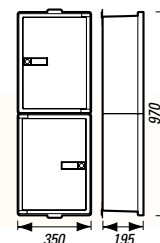
Equipment and accessories, see page 100



S20 double box ivory

		Depagne
S20 double box	installed one above S20 single-phase panel, supplied with 2 lugs for mounting on post by metal strip	605 078 00
Fixing	wall-mounted 2 C-profiles for box width between 250/300 mm	954 270 00

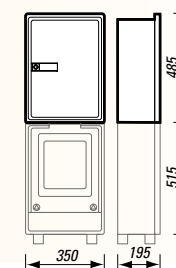
Equipment and accessories, see page 100



S20 (S2000) boxes ivory

		Enedis	Depagne
S20 box	with triangle lock		605 074 01
	with rectangle lock	69 80 019	605 074 02
S20 base	single ivory	69 80 035	674 010 00
Board unequipped 400x305x12 kit, supplied mounted			610 003 00
PVC board unequipped 400x310x12 kit, supplied mounted			610 000 03
Pole fixing for strips (not supplied) and/or wall fixing, 2 brackets, supplied in bulk with nut			954 274 00
Pole fixing for strips (not supplied) and/or wall fixing kit, 2 brackets, supplied mounted			954 274 01

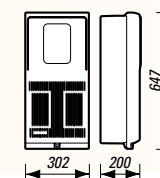
Equipment and accessories, see page 100



1894 box grey

		Depagne
1894 box	1 door with triangle lock	594 130 00
Board unequipped 500x250 kit, supplied mounted		610 000 00
Pole fixing for strips (not supplied) and/or wall fixing, 2 brackets, supplied in bulk with nut		954 274 00
Pole fixing for strips (not supplied) and/or wall fixing kit, 2 brackets, supplied mounted		954 274 01

Equipment and accessories, see page 100



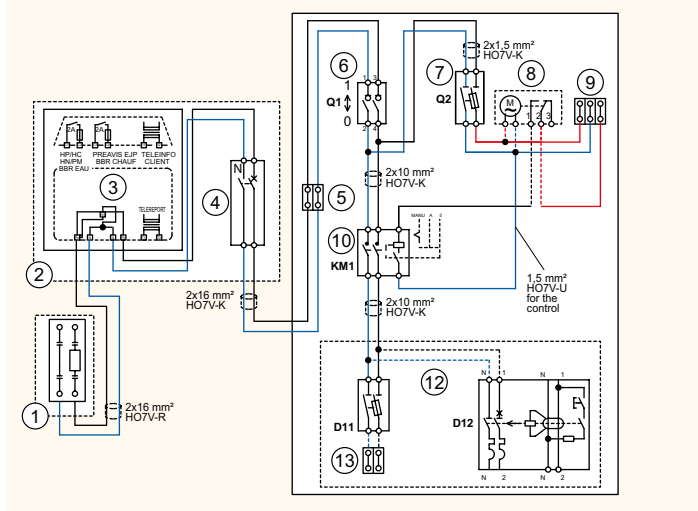
Control & command ASSEMBLIES

We have redefined and clarified the wiring diagrams for the command & control assemblies. These are compliant with the developments of the standards NF C 14-100 and NF C 17-200, as well as the new Enedis directive G.7.4-01. The diagrams shown are examples.

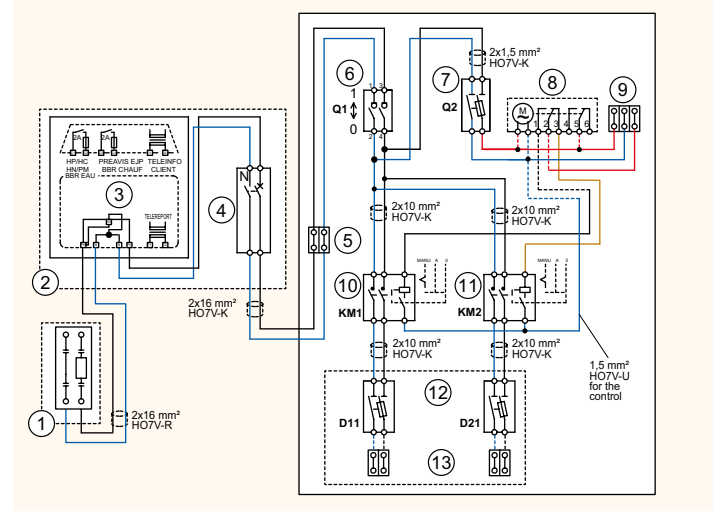
SINGLE-PHASE control and command assemblies

- **1 SINGLE-PHASE control panel with limited power, equipped with:**
 - pre-wired position for single-phase meter,
 - pre-wired position for two-pole connection circuit breaker,
 - linking connectors.
- +**
- **1 SINGLE-PHASE electric control panel equipped with:**
 - 1 two-pole isolating switch (2x63A),
 - 1 or 2 two-pole switch(es) (40A or 60A),
 - 1 x 2A two-pole circuit breaker for control protection,
 - pre-wired position for astronomical clock,
 - position for feeder(s) on cutout or circuit breaker.

SINGLE-PHASE diagram - 1 circuit



SINGLE-PHASE diagram - 2 circuits



SINGLE-PHASE control

Depagne

SINGLE-PHASE control panel kit (225x250) equipped with connectors, supplied installed

359 155 09



Key to equipment:

- 1 - Single-phase 60 A CIBE box, remote box (single-phase 15/60 A connection box optional),
- 2 - SINGLE-PHASE control panel 225x250,
- 3 - pre-wired position for single-phase meter (optional),
- 4 - pre-wired position for two-pole connection circuit breaker (optional),
- 5 - two-pole connection terminal block (without isolating switch only),
- 6 - two-pole isolating switch,
- 7 - two-pole circuit breaker for protection of control circuit,
- 8 - pre-wired position for astronomical clock
- 9 - block with 3 connection terminals for cell
- 10 - Two-pole switch for manual control (1 circuit),
- 11 - two-pole switch for manual control (2 circuits),
- 12 - feeders on two-pole cutout or two-pole differential circuit breaker (300 mA) (optional),
- 13 - feeder terminal (optional).

SINGLE-PHASE command

Depagne

Control panel kit equipped and wired* with rotary switch 2x63A + control protection and pre-wired position for clock

1 x 2x40A switch	500 610 14	500 710 14	500 810 14
1 x 2x60A switch	500 610 16	500 710 16	500 810 16
2 x 2x40A switches	500 610 24	500 710 24	500 810 24
2 x 2x60A switches	500 610 26	500 710 26	500 810 26

2x13 modules
26 modules

4x13 modules
52 modules

4x18 modules
72 modules

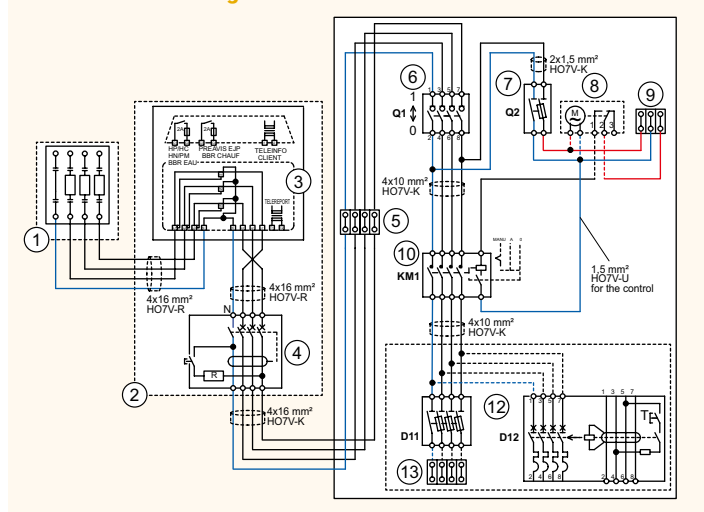
* Feeders available in "Equipment and options" on page 100 and accessories available on page 101. PVC plates available as an option depending on the type of enclosure, please contact us.

Our various equipment and accessories are integrated in our exterior lighting (EP) software, please contact us for any enquiries.

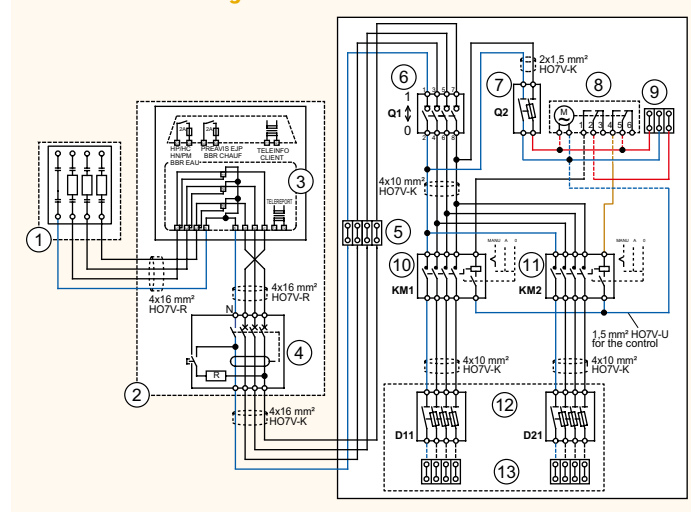
THREE-PHASE control and command assemblies

- **1 THREE-PHASE control panel with limited power equipped with:**
 - pre-wired position for three-phase meter,
 - pre-wired position for tetrapolar connection circuit breaker,
 - linking connectors.
- +
- **1 THREE-PHASE electric control panel equipped with:**
 - 1 tetrapolar isolating switch (4x63A),
 - 1 or 2 tetrapolar switch(es) (40A or 60A),
 - 1 x 2A two-pole circuit breaker for control protection,
 - pre-wired position for astronomical clock,
 - position for feeder(s) on cutout or circuit breaker.

THREE-PHASE diagram - 1 circuit



THREE-PHASE diagram - 2 circuits



THREE-PHASE control

Depagne

THREE-PHASE control panel kit 550x250 equipped with connectors, supplied installed

368 220 09



Key to equipment:

- 1 - Three-phase 60 A CIBE box, remote box (single-phase 15/60 A connection box optional),
- 2 - THREE-PHASE control panel 550x250,
- 3 - pre-wired position for three-phase meter (optional),
- 4 - pre-wired position for tetrapolar connection circuit breaker (optional),
- 5 - tetrapolar connection terminal block (without isolating switch only),
- 6 - tetrapolar isolating switch,
- 7 - Two-pole circuit breaker for protection of control circuit,
- 8 - position for astronomical clock,
- 9 - Block with 3 connection terminals for cell,
- 10 - tetrapolar switch for manual control (1 circuit),
- 11 - tetrapolar switch for manual control (2 circuits),
- 12 - feeder(s) on tetrapolar cutout or tetrapolar differential circuit breaker (300 mA) (optional),
- 13 - feeder terminal (optional).

THREE-PHASE command

Depagne

Control panel kit equipped and wired* with rotary switch 4x63A + control protection and pre-wired position for clock

	2x13 modules 26 modules	4x13 modules 52 modules	4x18 modules 72 modules
1 x 4x40A switch	500 620 14	500 720 14	500 820 14
1 x 4x60A switch	500 620 16	500 720 16	500 820 16
2 x 4x40A switches		500 720 24	500 820 24
2 x 4x60A switches		500 720 26	500 820 26

* Feeders available in "Equipment and options" on page 100 and accessories available on page 101.
PVC plates available as an option depending on the type of enclosure, please contact us.

Control and command ASSEMBLIES (continued)

Equipment

Connection circuit-breakers and cutoff switches

				Depagne
Feeder kit on 14x51 base cutout, supplied mounted	1 circuit single-phase N+Ph			954 001 01
	four-pole N+3 Ph			954 007 01
	2 circuits (permanent/semi-permanent) N+PH+Ph			954 002 01
Connection terminal block, supplied mounted	two-pole 35 mm ²			954 708 00
	four-pole 35 mm ²			954 709 00
	cell			954 539 00
Connection circuit-breaker kit, supplied mounted	non-differential	1P+N	15/45A	941 040 00
			60A	941 060 00
		2P+N+E	10/30A	941 070 00
			30/60A	941 080 00
	500mA differential protection	1P+N	15/45A	941 041 00
			60A	941 061 00
		2P+N+E	10/30A	941 071 00
			30/60A	941 081 00
	"selective" 500mA differential protection	1P+N	15/45A	941 045 00
			60A	941 065 00
		2P+N+E	10/30A	941 075 00
			30/60A	941 085 00
Isolating switch kit, supplied mounted			2x32A	954 700 00
			4x63A	954 701 00
Padlockable rotary switch kit, supplied mounted			2x40A	954 702 00
			2x63A	954 703 00
			4x63A	954 704 00

Options

Additional feeders

		Cutout		Terminal block		
			Depagne		Depagne	
Additional feeder kit, supplied mounted	1 circuit	single-phase N+Ph	base 10x38	954 001 00	16 mm ²	954 001 10
						35 mm ²
		four-pole N+3 Ph	base 10x38	954 007 00	16 mm ²	954 007 10
	2 circuits (permanent/semi-permanent)	N+Ph+Ph	base 10x38	954 002 00	35 mm ²	954 007 11
					16 mm ²	954 002 10
					35 mm ²	954 002 11

Feeders on circuit-breaker

		Two-pole		Four-pole		
			Depagne		Depagne	
Feeder on circuit-breaker (curve B), supplied mounted	non-differential	2x10A	954 015 10	4x10A	954 016 10	
		2x16A	954 015 16	4x16A	954 016 16	
		2x20A	954 015 20	4x20A	954 016 20	
		2x25A	954 015 25	4x25A	954 016 25	
		2x32A	954 015 32	4x32A	954 016 32	
		2x40A	954 015 40	4x40A	954 016 40	
		2x50A	954 015 50	4x50A	954 016 50	
		2x63A	954 015 63	4x63A	954 016 63	
		300mA differential protection	2x10A	954 005 10	4x10A	954 006 10
			2x16A	954 005 16	4x16A	954 006 16
			2x20A	954 005 20	4x20A	954 006 20
			2x25A	954 005 25	4x25A	954 006 25
	2x32A		954 005 32	4x32A	954 006 32	
	2x40A		954 005 40	4x40A	954 006 40	
	"selective" 300mA differential protection	2x50A	954 005 50	4x50A	954 006 50	
		2x63A	954 005 63	4x63A	954 006 63	
		2x10A	954 025 10	4x10A	954 026 10	
		2x16A	954 025 16	4x16A	954 026 16	
		2x20A	954 025 20	4x20A	954 026 20	
		2x25A	954 025 25	4x25A	954 026 25	
	Feeder on circuit-breaker (curve C) with 300mA differential protection kit, supplied mounted	2x32A	954 025 32	4x32A	954 026 32	
		2x40A	954 025 40	4x40A	954 026 40	
		2x50A	954 025 50	4x50A	954 026 50	
		2x63A	954 025 63	4x63A	954 026 63	
2x10A		954 008 10	4x10A	954 009 10		
2x16A		954 008 16	4x16A	954 009 16		
	2x20A	954 008 20	4x20A	954 009 20		
	2x25A	954 008 25	4x25A	954 009 25		
	2x32A	954 008 32	4x32A	954 009 32		

Equipment (continued)

Clocks and cells

		Depagne			
Clock kit, supplied mounted	THEBEN	SUL 180A	daily	954 501 00	
		SUL 191W	weekly	954 511 00	
		TR 610 TOP2	weekly	954 512 00	
		SELECTA 171 TOP2 RC	astronomical	954 533 00	
	COMETA	AS3	astronomical	954 538 00	
		REX	AlphaRex ³ D21 Astro	weekly	954 513 00
			AlphaRex ³ D22 Astro	weekly	954 514 00
			AlphaRex ³ DY21 Astro	yearly	954 515 00
			AlphaRex ³ DY22 Astro	yearly	954 516 00
			AlphaRex ³ DY21 GPS Astro	yearly	954 517 00
			AlphaRex ³ DY22 GPS Astro	yearly	954 518 00
			AlphaRex DY64	daily/weekly/yearly	954 529 00
			AstroSwitch 11	astronomical	954 534 00
			MicroRex QT11 (1 module)	daily	954 536 00
			MicroRex QT31 (3 modules)	daily	954 502 00
		REX	USB interface with software		954 519 00
Cell kit, supplied mounted	TURNUS 200		twilight	954 510 00	
Outdoor cell	LUAN 44 RH		twilight	954 522 00	

Accessories

		Eneedis		Depagne
Main cutout device (ACG)	2x60A	69 80 904		900 003 00
	4x60A	69 80 905		900 005 00
15/60A connection box kit for cylindrical fuse cartridge 22x58, supplied mounted	two-pole			900 060 01
	four-pole			900 062 01
Cutout kit with place for meter and circuit-breaker, supplied mounted (replacing the limited power panel)	2x60A			900 060 02
	4x60A			900 062 02
Circuit-breaker ph+N 2A kit (DT 40 C curve) 6 kA, supplied mounted (as an alternative of the street lighting command protection cut-out)	2A			905 182 01
	4A			905 184 01
Padlockable line isolating switch	2x60A			900 090 00
	4x60A			900 092 00
Remote reader base kit, ivory, supplied mounted				181 000 01
Remote reader unit, ivory		44 49 002		181 000 00
Window kit, supplied mounted	round 100 mm			954 090 00
	rectangle 150x90 mm			954 070 00
2 plastic air vents grey or ivory (with locking nuts and watertight seal ring), supplied mounted				954 080 00
2 ventilation grids kit, supplied mounted				951 008 00
Lock kit, supplied mounted	triangle, 1/4 turn plastic, padlockable			954 081 00
	metal RONIS	405 911B		954 082 00
	keylock	405 911C		954 082 01
		455 911B		954 082 02
		455 911C		954 082 03
Door stop kit, supplied mounted				954 089 00
Indoor lighting kit 1 LAMPLED, 230 V white diode with protection, supplied mounted	alone			595 262 01
	for door contact			595 262 00
Straight NF 16A 2P+E socket with 16A Ph+N circuit-breaker with 30mA differential protection kit, supplied mounted				941 110 02
Inclined IP44 16A 2P+E socket with 16A Ph+N circuit-breaker with 30mA differential protection kit, supplied mounted				941 110 00
Indoor lighting 1 LAMPLED, 230 V white diode with protection and IP44 16A 2P+E socket with 16A Ph+N circuit-breaker with 30mA differential protection kit, supplied mounted				595 257 00
IP44 16A 2P+E modular socket with 16A Ph+N circuit-breaker with 30mA differential protection kit, supplied mounted on DIN rail				595 258 00
Earth splitter kit 5 branches (1 incoming, 1 shunt, 4 feeders), supplied mounted				900 550 01
Earth splitter 5 branches (1 incoming, 1 shunt, 4 feeders), supplied in bulk				900 550 00
Disconnecting earthing rod kit, supplied mounted				900 554 01
Disconnecting earthing rod, supplied in bulk				905 116 70
Document holder kit, supplied mounted	A4 size			936 581 00
	A3 size			936 581 01
Laptop computer support kit, supplied mounted				610 000 40
Specific paint kit for other enclosure, colour to be defined				954 107 00
Specific gel-coat finishing for polyester enclosures, colour to be defined				954 108 00



Oisans
1000x250 box,
Le Villard-Lavalens



Oisans
1000x800 box



Oisans S17 type 3 box, quais Perrière, Grenoble

Junction and protection BOXES at the base of lighting poles

A complete range of connection and protection boxes type 0, 1, 2, 3 and 4 for installation at the base of lighting poles.

Self-extinguishing composite enclosure.

One-piece IP2X terminal block ensuring cable head insulation is maintained in case of incident on the lighting pole.

Access to the fuse holder via tilting hatch (access to unauthorised personnel under UTE C 18-510).

Fixing by adjustable hook.

Standards NF EN 60439.1, NF C 17-200.



Boxes type 0 ivory

Connection capacity: 2 x 2x16 mm² terminals,
4 x 2x10 mm² terminals,
4 x 2x16 mm² terminals.

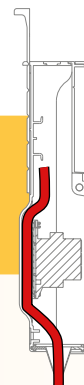
Capacity: 2 x 18 mm modules.

Protection: IP44, IK07, class II □.



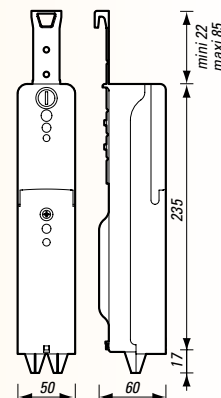
Optimised installation

The **cablE routing** for the lamp feeder is routed behind the terminal block.



	Depagne:	2 bornes 2x16 mm ²	4 bornes 2x10 mm ²	4 bornes 2x16 mm ²
1 x Ph+N cutout		674 048 00	674 056 00	674 058 00
+ 2A fuse (1)		674 048 02	674 056 02	674 058 02
2 x Ph+N cutout		674 049 00	674 057 00	674 059 00
+ 2A fuse (1)		674 049 02	674 057 02	674 059 02
1 x Ph+N cutout + extractable DRIVER 2x2.5 mm ² connector				674 058 12
1 x Ph+N cutout + 4A fuse			674 056 20	674 058 20
+ 1 x Ph+N surge				674 058 23
				+ extractable DRIVER 2x2.5 mm ² connector
1 x Ph+N cutout + RED 12 with 30mA differential protection, 3R long		674 053 00	674 061 00	674 063 00
+ 2A fuse (1)		674 053 02	674 061 02	674 063 02
1 x Ph+Ph cutout assembly, 2 single-pole modules		674 065 00	674 064 00	674 060 00

(1) Fuses available on request: 4A, 6A and 10A



Boxes type 0 transparent

All type of boxes are available with cover and transparent trap door (PC cristal composite).

The letter T is to be added after the 8 figures code number, for instance: **674 058 00 T**



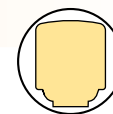
Accessories

Accessories

	Depagne
16 mm ² earth terminal kit, supplied mounted on DIN rail	900 504 10
16 mm ² earth terminal, supplied in bulk	900 504 00
1 PG11 waterproof grommet kit, supplied mounted	900 503 10
Set of 10 PG11 waterproof grommets, supplied in bulk	900 503 00
Ph+N 15 kA surge kit, 1 module small size with 4A fuze, supplied mounted (2)	954 610 00
Extractable DRIVER connector kit, supplied mounted (3)	900 506 01

(2) More specifics, see page 127

(3) More specifics, see page 110



Minimum inside
Ø 68 mm of the
lighting pole



Boxes type 1 ivory

Connection capacity: 4 x 3x10 mm² terminals,
4 x 2x16 mm² terminals,
4 x 3x16 mm² terminals.

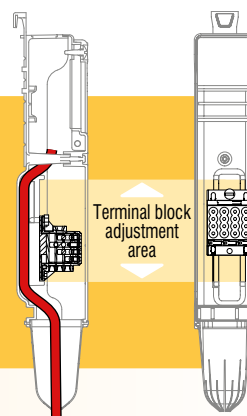
Capacity: 2 x 18 mm modules.

Protection: IP44, IK07, class II ☐.



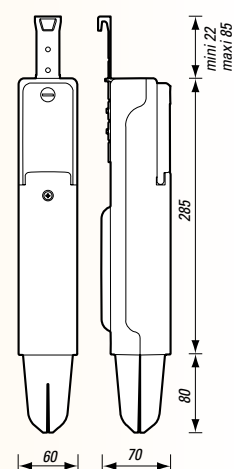
Optimised installation

The **cable routing** for the lamp feeder is routed behind the terminal block. The **terminal block can be adjusted** on the rail for easier installation. The **terminal block can be extracted** for an easier connection.



	Depagne:	4 x 3x10 mm ² terminals	4 x 2x16 mm ² terminals	4 x 3x16 mm ² terminals
1 x Ph+N cutout		511 009 00	511 010 00	511 011 00
+ 2A fuse (1)		511 009 02	511 010 02	511 011 02
2 x Ph+N cutout		511 019 00	511 020 00	511 021 00
+ 2A fuse (1)		511 019 02	511 020 02	511 021 02
1 x Ph+N cutout + extractable DRIVER 2x2.5 mm ² connector			511 010 12	511 011 12
1 x Ph+N cutout + 4A fuse		511 009 20	511 010 20	511 011 20
+ 1 x Ph+N surge			511 010 21	511 011 21
+ extractable DRIVER 2x2.5 mm ² connector				
1 x Ph+N cutout + RED 12 with 30mA differential protection, 3R long		511 017 00	511 018 00	511 027 00
+ 2A fuse (1)		511 017 02	511 018 02	511 027 02
1 x Ph+Ph cutout assembly, 2 modules		511 024 00	511 025 00	511 026 00

(1) Fuses available on request: 4A, 6A and 10A



Boxes type 1 transparent

All type of boxes are available with cover and transparent trap door (PC cristal composite). The letter T is to be added after the 8 figures code number, for instance: **511 010 00 T**

Accessories

Terminal block replacement

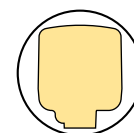
	Depagne
Terminal block replacement kit, 4 x 3x16 mm ² terminals replace by supplied mounted	4 x 3x16 mm ² TIN-PLATED terminals 519 520 00

Accessories

	Depagne
16 mm ² earth terminal kit, supplied mounted screwed	593 901 10
16 mm ² earth terminal, supplied in bulk	593 901 00
1 PG11 waterproof grommet kit, supplied mounted	900 503 10
Set of 10 PG11 waterproof grommets, supplied in bulk	900 503 00
Ph+N 15 kA surge kit, 1 module small size with 4A fuze, supplied mounted (2)	954 610 00
Extractable DRIVER connector kit, supplied mounted (3)	900 506 01

(2) More specifics, see page 127

(3) More specifics, see page 110



Minimum inside
Ø 84 mm of the
lighting pole

Junction and protection BOXES at the base of lighting poles (continued)

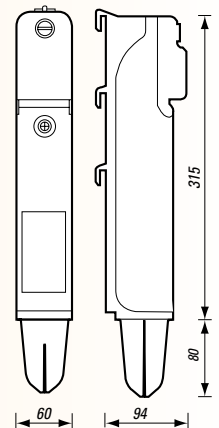
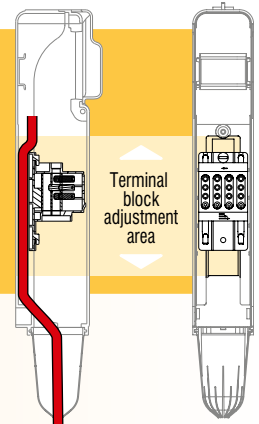
Boxes type 2 ivory

Connection capacity: 4 x 2x35 mm² terminals,
4 x 3x25 mm² terminals.
Capacity: 2 x 18 mm modules.
Protection: IP44, IK07, class II ☐.



Optimised installation

The **terminal block** is routed behind the terminal block.
The **terminal block** can be adjusted on the rail for easier installation.
The **terminal block** can be extracted for an easier connection.



	Depagne:	4 x 2x35 mm ² terminals	4 x 3x25 mm ² terminals
1 x Ph+N cutout		511 110 00	511 111 00
	+ 2A fuse (1)	511 110 02	511 111 02
2 x Ph+N cutout		511 120 00	511 121 00
	+ 2A fuse (1)	511 120 02	511 121 02
1 x Ph+N cutout + extractable DRIVER 2x2.5 mm ² connector		511 110 12	511 111 12
1 x Ph+N cutout + 4A fuse + 1 x Ph+N surge		511 110 20	511 111 20
	+ extractable DRIVER 2x2.5 mm ² connector	511 110 21	511 111 21
2 x Ph+N cutout + extractable DRIVER 2x2.5 mm ² connector		511 120 12	511 121 12
1 x Ph+N cutout + RED 12 with 30mA differential protection, 3R long		511 118 00	511 127 00
	+ 2A fuse (1)	511 118 02	511 127 02
1 x Ph+Ph cutout assembly, 2 modules		511 117 00	511 116 00
1 x 16A Ph+N non-differential circuit-breaker (curve C)		511 112 00	511 113 00
1 x 16A Ph+N circuit-breaker with 30mA differential protection (curve C)		511 114 00	511 115 00

(1) Fuses available on request: 4A, 6A and 10A

Boxes type 2 transparent

All type of boxes are available with cover and transparent trap door (PC cristal composite).
The letter T is to be added after the 8 figures code number, for instance: **511 110 00 T**



Accessories

Terminal block replacement

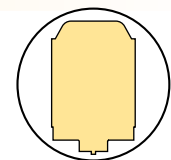
		Depagne
Terminal block replacement kit, supplied mounted	4 x 3x16 mm ² terminals replace by 4 x 3x16 mm ² TIN-PLATED terminals	519 520 00
	4 x 3x25 mm ² terminals replace by 4 x 3x25 mm ² TIN-PLATED terminals	519 522 00

Accessories

	Depagne
16 mm ² earth terminal kit, supplied mounted on DIN rail	900 504 10
16 mm ² earth terminal, supplied in bulk	900 504 00
Ph+N 15 kA surge kit, 1 module small size with 4A fuze, supplied mounted (2)	954 610 00
Extractable DRIVER connector kit, supplied mounted (3)	900 506 00

(2) More specifics, see page 127

(3) More specifics, see page 110



Minimum inside
Ø 99 mm of the
lighting pole



Boxes type 3 ivory

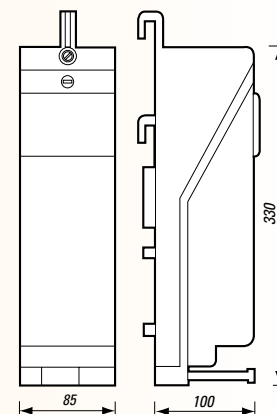
Connection capacity: 4 x 2x50 mm² terminals, 4 x 3x50 mm² terminals.

Capacity: 4 x 18 mm modules.

Protection: IP44, IK07, class II □.

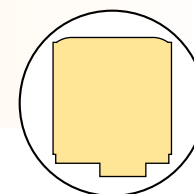
	Depagne:	4 x 2x50 mm ² terminals	4 x 3x50 mm ² terminals
1 x Ph+N cutout		511 221 00	511 421 00
+ 2A fuse (1)		511 221 02	511 421 02
2 x Ph+N cutout		511 222 00	511 422 00
+ 2A fuse (1)		511 222 02	511 422 02
3 x Ph+N cutout		511 223 00	511 423 00
+ 2A fuse (1)		511 223 02	511 423 02
1 x Ph+N cutout + extractable DRIVER 2x2.5 mm ² connector		511 221 12	511 421 12
1 x Ph+N cutout + 4A fuse		511 221 20	
+ 1 x Ph+N surge	+ extractable DRIVER 2x2.5 mm ² connector	511 221 21	
1 x Ph+N cutout + RED 12 with 30mA differential protection, 3R long	+ 2A fuse (1)	511 227 00	511 427 00
		511 227 02	511 427 02
1 x Ph+N cutout + 1 x 16A Ph+N non-differential circuit-breaker (curve C)		511 228 00	511 428 00
2 x 16A Ph+N non-differential circuit-breakers (curve C)		511 225 00	511 425 00
1 x 16A Ph+N circuit-breaker with 30mA differential protection (curve C)		511 226 00	511 426 00

(1) Fuses available on request: 4A, 6A and 10A



Boxes type 3 transparent

All type of boxes are available with cover and transparent trap door (PC cristal composite). The letter T is to be added after the 8 figures code number, for instance: **511 221 00 T**



Minimum inside
Ø 121 mm of the
lighting pole

Accessories

Terminal block replacement

	Depagne
Terminal block replacement kit, supplied mounted	4 x 2x16 mm ² terminals replace by 4 x 3x16 mm ² terminals 519 510 00
	4 x 16 mm ² SIB terminals (2x10 mm ²) 519 510 01
	4 x 2x25 mm ² terminals replace by 4 x 3x25 mm ² terminals 519 512 00
	4 x 25 mm ² SIB terminals (2x16 mm ²) 519 512 01
	4 x 2x35 mm ² terminals replace by 4 x 3x35 mm ² terminals 519 513 00
	4 x 35 mm ² SIB terminals (2x25 mm ²) 519 513 01
	4 x 2x50 mm ² terminals replace by 4 x 3x50 mm ² terminals 519 514 00
	4 x 50 mm ² SIB terminals (2x35 mm ²) 519 514 01
	4 x 3x16 mm ² terminals replace by 4 x 3x16 mm ² TIN-PLATED terminals 519 520 00
	4 x 3x25 mm ² terminals replace by 4 x 3x25 mm ² TIN-PLATED terminals 519 522 00
	1 x 10x38 Ph+N cutout, 1 high module replace by 519 204 00
	1 x 10x38 Ph+Ph cutout, 2 highs modules

Accessories

	Depagne
16 mm ² earth terminal kit, supplied mounted on DIN rail	900 504 10
16 mm ² earth terminal, supplied in bulk	900 504 00
Ph+N 15 kA surge kit, 1 module small size with 4A fuze, supplied mounted (2)	954 610 00
Extractable DRIVER connector kit, supplied mounted (3)	900 506 00

(2) More specifics, see page 127

(3) More specifics, see page 110

Junction and protection BOXES at the base of lighting poles (continued)

Boxes type 4

One-piece connection box IP2X for CU cables (for aluminium cable, tinning as an option) ensuring the maintaining of the cable head insulation, in case of accident on the street lamp.

1 or 2 modular cut-outs Ph+N 10x38 with or without fuse cartridge

1 or 2 modular surge arresters Ph+N, I_{max} 15kA (surge protection type 2+3).

1 differential circuit-breaker (2 modules) Ph+N 16A, 30mA (C curve).

Connection capacity: 4 terminals 2x16 mm²
4 terminals 3x25 mm²

Capacity: 2 x 3 modules of 18 mm.

Protection: IP44, IK08, class II □.



Flexible

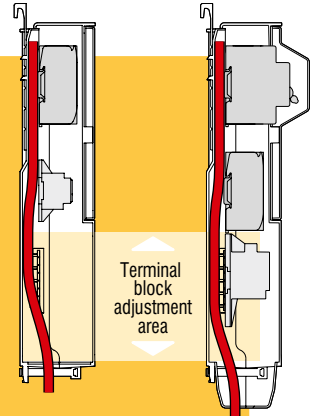
Capacity: 3 modules + 2 mm i.e.
56 mm available on 2 rows!

Evolving box

Interchangeability of various elements (DIN rail, terminal block, cable glands, cone grommet and access hatch).

Easy connection

On 4 terminals 2x16 or 3x25 mm² terminal.
Passing cables under the equipment.
Removable and Din rail(s) terminal block.
Adjustable terminal box (bottom part)
Upstream connection (cover at the top).



Terminal block adjustment area

Neat aesthetic



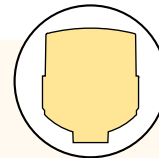
Boxes type 4 ivory 1 equipped row

First row: equipment on snap-in DIN rail, plug-in terminal block (4 terminals 2x16 or 3x25 mm²). Blooming of cables (cone grommets).

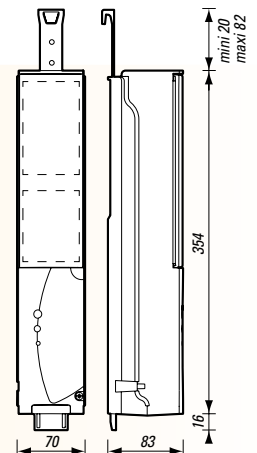
Boxes type 4, 1 equipped row with trap door

First row	Depagne:	4 terminals 2x16 mm ²	4 terminals 3x25 mm ²	Existing modules first row
1 cut-out Ph+N		514 200 00	514 400 00	2
2 cut-outs Ph+N		514 220 00	514 420 00	1
1 cut-out Ph+N + 4A fuse + 1 surge arrester		514 240 00	514 440 00	1

Existing fuses on demand: 2A, 4A, 6A and 10A



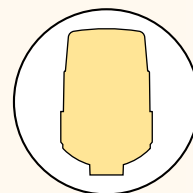
Minimum inside
Ø 99 mm of the
lighting pole



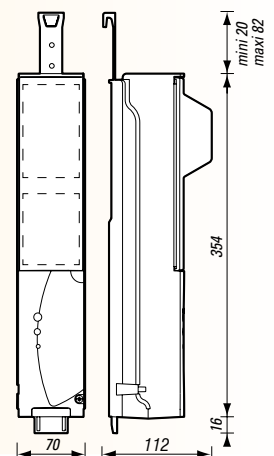
Boxes type 4, 1 equipped row with hatch for circuit-breaker

First row	Depagne:	4 terminals 2x16 mm ²	4 terminals 3x25 mm ²	Existing modules first row
1 cut-out Ph+N + 1 differential circuit breaker Ph+N 16A, 30 mA (C curve)		514 260 00	514 460 00	0

Existing fuses on demand: 2A, 4A, 6A and 10A



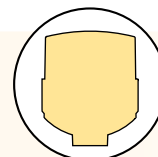
Minimum inside
Ø 121 mm of the
lighting pole



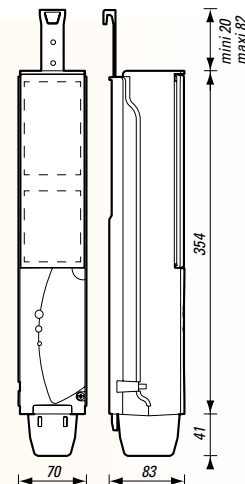


Boxes type 4 ivory 2 equipped rows

First row: equipment on snap-in DIN rail,
second row: equipment on snap-in DIN rail, plug-in (4 terminals 2x16 or 3x25 mm²), blooming of cables (cone grommets).



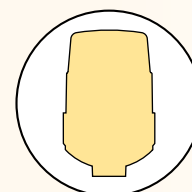
Minimum inside
Ø 99 mm of the
lighting pole



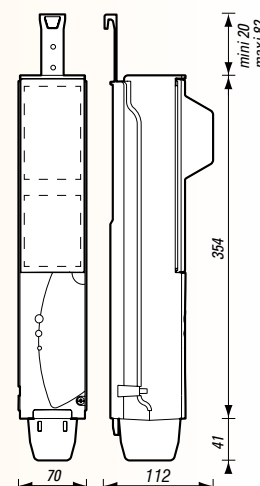
Boxes type 4, 2 equipped rows with trap door

First row	second row	Depagne:	4 terminals 2x16 mm ²	4 terminals 3x25 mm ²	Existing modules	
					first row	second row
1 cut-out Ph+N			514 600 00	514 800 00	2	3
1 cut-out Ph+N	1 cut-out Ph+N		514 620 00	514 820 00	2	2
1 cut-out Ph+N + 4A fuse	1 cut-out Ph+N + 4A fuse		514 640 00	514 840 00	1	1
+ 1 surge arrester Ph+N + 1 surge arrester Ph+N						

Existing fuses on demand: 2A, 4A, 6A and 10A



Minimum inside
Ø 121 mm of the
lighting pole



Boxes type 4, 2 equipped rows with hatch for circuit-breaker

First row	second row	Depagne:	4 terminals 2x16 mm ²	4 terminals 3x25 mm ²	Existing modules	
					first row	second row
1 differential circuit-breaker Ph+N 16A, 30mA (C curve)	1 cut-out Ph+N + 4A fuse + 1 surge arrester Ph+N		514 660 00	514 860 00	1	1

Existing fuses on demand: 2A, 4A, 6A and 10A



Connection boards

Supporting board made of rigid, self-extinguishing, synthetic insulating material.

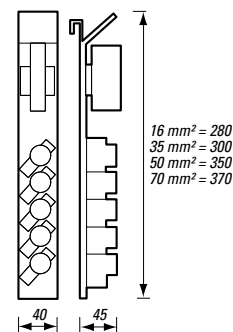
Single-pole cutoff of Ph+N protection devices.

IP11 board: protection against vertically falling water drops.

IP21 board: equipped with insulating covers clipped onto the terminals with IP2X protection.

Standards NF EN 60439.1, NF C 17-200, NF EN 60529, class I ±.

	Depagne:	2x16 mm ²	2x35 mm ²	2x50 mm ²	2x70 mm ²
IP11	3 terminals	500 913 00	500 933 00	500 953 00	500 973 00
	4 terminals	500 914 00	500 934 00	500 954 00	500 974 00
	5 terminals	500 915 00	500 935 00	500 955 00	500 975 00
IP21	3 terminals	500 916 00	500 936 00		
	4 terminals	500 917 00	500 937 00		
	5 terminals	500 918 00	500 938 00		



Outdoor connection and protection BOXES for lighting poles

A complete and discreet range of connection and protection boxes 597, LUMI 591 and 593 for class II or class I installation.

Thermoplastic enclosure, resistant to mechanical, electrical and thermal stress and to weathering. Attached with a metal strip, with screws inside or outside.

Boxes type 597 grey, ivory, black

Designed to be surface-mounted on the front, on a lighting panel, on a wooden or concrete post.

Cover mounted on unbreakable hinge (excellent frost-resistance).

Closed by clip using a screwdriver.

Sealable cover.

Two cable entry slots provided:

- at the bottom, two cables Ø 12 mm maximum (3x2.5 mm²),
- at the top, one pre-punched entry to be equipped with a waterproof grommet.

Capacity: 2 x 18 mm modules.

Protection: IP44, IK07, class II ☐.



Discreet

It blends in easily, by its shape and colour.

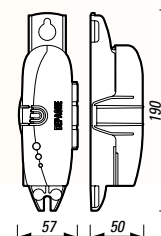
Robust

Box opened by unbreakable hinge.



	Depagne:	Grey	Ivory	Black
1 x Ph+N cutout		597 001 00 G	597 001 00 I	597 001 00 N
	+ 2A fuse (1)	597 001 02 G	597 001 02 I	597 001 02 N
1 x Ph+N cutout + extractable DRIVER 2x2.5 mm ² connector		597 001 12 G	597 001 12 I	597 001 12 N
1 x Ph+N cutout + 4A fuse + 1 x Ph+N surge		597 001 20 G	597 001 20 I	597 001 20 N
2 x Ph+N cutout		597 002 00 G	597 002 00 I	597 002 00 N
	+ 2A fuse (1)	597 002 02 G	597 002 02 I	597 002 02 N
1 x Ph+N cutout + RED 12	DIFF	597 012 00 G	597 012 00 I	597 012 00 N
with 30mA differential protection	3R court	597 013 00 G	597 013 00 I	597 013 00 N
	3R long	597 014 00 G	597 014 00 I	597 014 00 N

(1) Fuses available on request: 4A, 6A and 10A



Boxes LUMI 591 **New**

Electrical power supply and protection unit for light fittings, garland lights and illuminated signs.

Access cover with a hinge at the top and which can be sealed closed at the bottom using clips and a locking screw.

Connection at the bottom held in place by a cable clamp, cables ties.

Standards: EN 60439.2, NF C 17-200 and NF C 15-100.
Protection: IP 44, IK 07, class II □.

Large capacity

4 modules on 1 row.

Attractive design

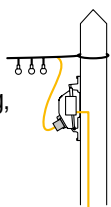
Multiple configurations



Types of application (power supply and protection):

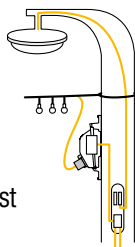
A Garland (post or wall).

Without light fitting, without lamppost unit.



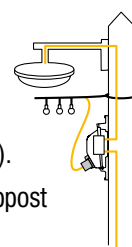
B Garland and light fitting (lamppost).

With lamppost unit.



C Garland and light fitting (post or wall).

Without lamppost unit.



Boxes LUMI 591 grey, ivory, black

Without socket

	Depagne:	Grey	Ivory	Black
A 1 Ph+N cutout*		591 001 00 G	591 001 00 I	591 001 00 N
A 1 Ph+N 2A circuit breaker (C curve)		591 002 02 G	591 002 02 I	591 002 02 N
A 1 Ph+Ph cutout assembly, 2 single-pole modules		591 003 00 G	591 003 00 I	591 003 00 N

* Equipment recommended by current standard NF C 17-200

With LUMIprise 2P+E connection socket

	Depagne:	Grey	Ivory	Black
A, B 1 Ph+N cutout		591 011 00 G	591 011 00 I	591 011 00 N
A, B 1 Ph+N 16 A circuit breaker (C curve) 30 mA differential*		591 012 00 G	591 012 00 I	591 012 00 N
C 1 Ph+N cutout + 1 Ph+N 16 A circuit breaker (C curve) 30 mA differential		591 014 00 G	591 014 00 I	591 014 00 N

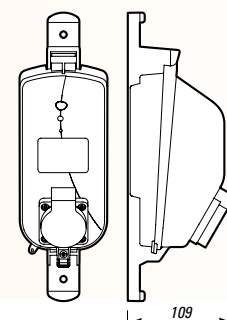
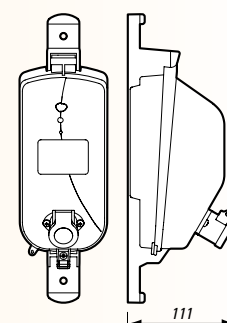
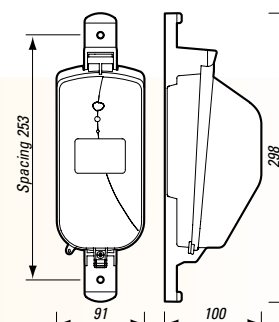
* Equipment recommended by current standard NF C 17-200

LUMIprise socket, see page 115

With NF 2P+E 16A socket

	Depagne:	Grey	Ivory	Black
A, B 1 Ph+N cutout		591 021 00 G	591 021 00 I	591 021 00 N
A, B 1 Ph+N 16 A circuit breaker (C curve) 30 mA differential*		591 022 00 G	591 022 00 I	591 022 00 N
C 1 Ph+N cutout + 1 Ph+N 16 A circuit breaker (C curve) 30 mA differential		591 024 00 G	591 024 00 I	591 024 00 N

* Equipment recommended by current standard NF C 17-200



Outdoor connection and protection BOXES for lighting poles (continued)



Boxes type 593 ivory, grey, black

Box designed to be surface-mounted on the front, on a lighting panel, on a wooden or concrete post.

Cover mounted on unbreakable hinge (excellent frost-resistance).

Closed with screws. Cover can be sealed at the bottom.

Equipment mounted on DIN rail (moulded with base).

Fixed and removable terminal block (with screws), 4 terminals, capacity 2x4x16 mm² or 3x4x16 mm².

Capacity: 2 x 18 mm modules.

Protection: IP44, IK07, class II ☐.

Two cable entry slots provided:

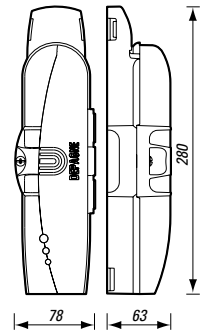
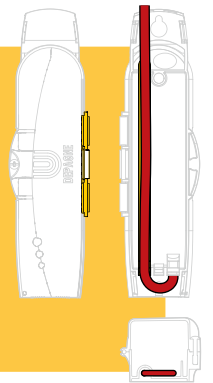
- at the bottom, two cables Ø 16 mm maximum (3x2.5 mm²),
- at the top, a pre-punched entry to be equipped with a waterproof grommet.

Ergonomics

Cable routing under the box. The box is fully pressed against the wall.

Quality design

Top cover fastening screw. Design for better integration on façades.



		Depagne:	Ivory	Grey	Black
4 x 2x16 mm ² terminals	+ 1 x Ph+N cutout		593 001 00 I	593 001 00 G	593 001 00 N
	+ 2 x Ph+N cutout		593 002 00 I	593 002 00 G	593 002 00 N
4 x 2x16 mm ² terminals	DIFF		593 012 00 I	593 012 00 G	593 012 00 N
+ 1 x Ph+N cutout + RED 12	3R court		593 013 00 I	593 013 00 G	593 013 00 N
with 30mA differential protection	3R long		593 014 00 I	593 014 00 G	593 014 00 N
16 mm ² earth terminal kit, supplied mounted screwed					593 901 10
16 mm ² earth terminal, supplied in bulk					593 901 00

Extractable DRIVER connector green

LED LIGHTING

Connector integrated in the boxes, to be installed on street lighting mast foot for a LED lamp post.

Modular spade-plug 2 poles connector providing the reprogramming of the driver by the access hatch of the street lighting box.

Assembly on Din rail for a quick installation in our lighting column boxes type 0, type 1, type 2 or type 3 and external boxes type 597, 598 or 593.



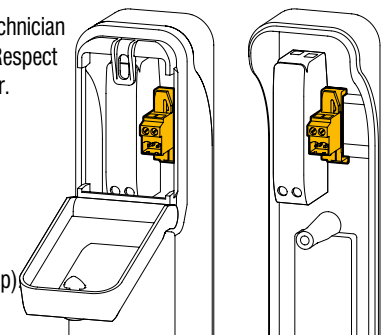
Safety
Comfort

Safety

The pre-scheduled intervention with a bucket (risky and cumbersome) by the technician is no longer necessary thanks to the box installed at the base of the lamppost. Respect of the standard connecting the 2 bare wires of the DRIVER to the plug connector. Mounting recommendation: use of 0.5 mm² cable section (the standard allows 0.5 to 2.5 mm²).

Comfort

This modular plug-in connection can be mounted on DIN rail or can be integrated according to the street-lighting box type. Assembly on DIN rail makes easier the assembly and disassembly and the maintenance (Street-lighting box already set up) Energy saving possible with the simplified programming of the DRIVER.



		Depagne
Extractable DRIVER 2x2.5 mm ² connector kit, supplied mounted on DIN rail		900 506 00
Extractable DRIVER 2x2.5 mm ² connector kit for type 0 and type 1 boxes, supplied mounted		900 506 01
Set of 10 MALE extractables connectors		900 506 02

Outdoor connection and protection BOXES

Standards

Complies with standards:
NF C 17-200, NF C 15-100.



These boxes are designed for low power installations used in a number of applications.

They are used for the connection of outdoor lighting, street furniture, supply and remote control of gates, cameras, solutions with time delay...

Thermoplastic material, resistance to mechanical, electrical and thermal stress, resistance to weathering, ivory finish.

Boxes 1800 ivory (for cable glands)

The 1800 box completes the 1835 box, replaces the 1830 box (discontinued).

Capacity: 5 modules (with hatch: 4 modules).

Protection: IP44, IK10, class II □.

Fixing: surface-mounted on the front, on a lighting panel, on a post (kit as accessory).

Boxes 1800 without hatch ivory

		Depagne
Without socket	unequipped with DIN rail, supplied mounted	308 640 00
	4 x 2x16 mm ² terminals + 1 x Ph+N cutout	308 642 00
	4 x 2x25 mm ² terminals + 1 x Ph+N cutout	308 644 00

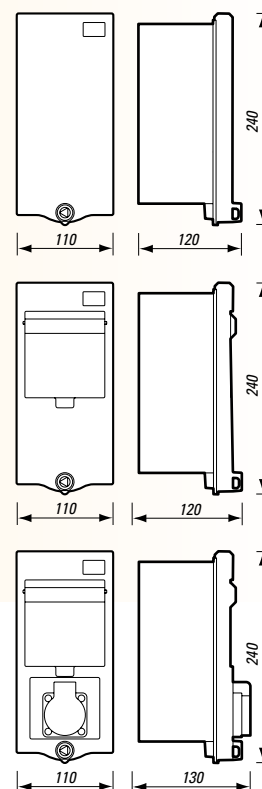
Boxes 1800 with hatch ivory

		Depagne
Without socket	unequipped with DIN rail, supplied mounted	308 650 00
	1 x Ph+N cutout	308 652 00
	1 x 16A Ph+N non-differentiel circuit-breaker (curve B)	308 654 00
	1 x 16A Ph+N circuit-breaker with 30mA differential protection (curve B)	308 656 00
With socket	1 x 16A Ph+N circuit-breaker with 30mA differential protection (curve B) + 2P+E 16A NF socket	308 666 00
	1 x Ph+N cutout + 1 x 16A Ph+N circuit-breaker with 30mA differential protection (curve B) + 2P+E 16A NF socket	308 668 00

Accessories

		Depagne
Cable gland kit, supplied mounted (board of your choice, see page 226)	PG 9	954 109 00
	PG 11	954 111 00
	PG 13	954 113 00
	PG 16	954 116 00
	PG 21	954 121 00
Pole fixing for strips (not supplied) and/or wall fixing, 2 brackets, supplied in bulk with nut		954 275 10

Other accessories, see page 112



Modular equipment

Closed with 11 mm padlockable triangular screw.

Location for sealed.

Location for 2 cable glands (not supplied).



1810 box ivory (for cable glands)

The box is designed for low power installations used in a number of applications.

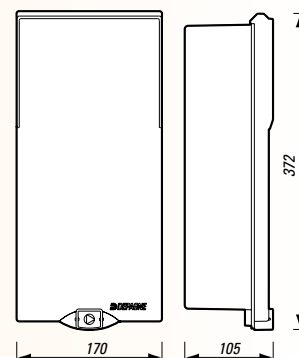
It is used for the connection of outdoor lighting, street furniture, access control and video surveillance...

Protection: IP43, IK10, class II □.

Fixing: surface-mounted on the front, on a lighting panel, on a post (kit as accessory).

		Depagne
Unequipped with 2 DIN rails mounted		308 840 00
Equipped 4 terminals 2x16 mm ² + 1 x Ph+N cutout		308 840 10
Cable gland kit, supplied mounted (board of your choice, see page 230)	PG 9	954 109 00
	PG 11	954 111 00
	PG 13	954 113 00
	PG 16	954 116 00
	PG 21	954 121 00
Pole fixing for strips (not supplied) and/or wall fixing, 2 brackets (T), supplied in bulk with nut		954 274 10

Other accessories, see page 112



Outdoor connection and protection BOXES

(continued)



Boxes 1835 ivory (with cone grommet)

The 1835 box completes the 1800 box, replaces the 1830 box (discontinued).

Protection: IP43, IK07, class II ☐.

Fixing: surface-mounted on the front, on a lighting panel, on a post (kit as accessory).

1835 boxes without socket ivory

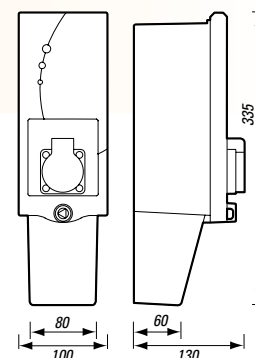
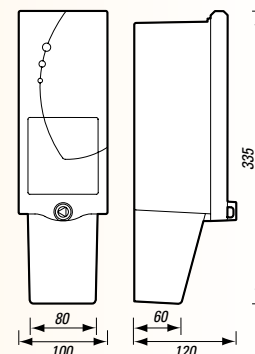
		Depagne
Without socket	unequipped with integrated DIN rail	380 650 00
	4 x 2x25 mm ² terminals + 1 x Ph+N cutout	380 651 00
	4 x 2x25 mm ² terminals + 1 x Ph+N cutout + RED 12 with 30mA differential protection, 3R long	380 652 00
	Pole fixing for strips (not supplied) and/or wall fixing, 1 bracket, supplied in bulk with nut	954 276 00

Other accessories, see below

1835 boxes with socket ivory

		Depagne
With socket	4 x 2x16 mm ² terminals + 1 x Ph+N cutout + 1 x 16A Ph+N circuit-breaker with 30mA differential protection (curve C) + NF 16A 2P+E socket	380 655 00
	Pole fixing for strips (not supplied) and/or wall fixing, 1 bracket, supplied in bulk with nut	954 276 00

Other accessories, see below



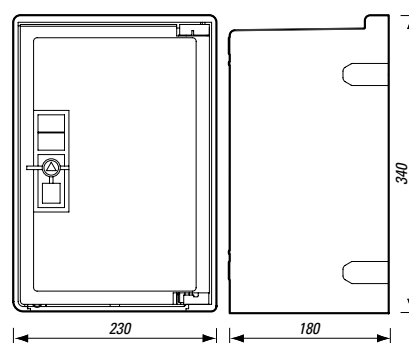
Box S22 ivory

Box designed to be surface-mounted on the front or built-in, on a lighting panel, on a wooden or concrete post.

Composite polyester enclosure.
High resistance to mechanical stress.
Can be built-in.

Closed with 11 mm triangle screw.
Standards NF C 17-200, NF C 15-100.

Protection: IP44, IK07, class II ☐.



		Depagne
Single S22 box	4 x 3x25 mm ² terminals + 1 x Ph+N cutout	180 360 00
	Fixing for post by metal strip kit, 2 lugs, supplied mounted	954 274 00
	Fixing for post by metal strip, 2 lugs, supplied in bulk	954 274 01

Accessories

		Depagne
	Set of 10 PG11 waterproof grommets, supplied in bulk	900 503 00
	Cutout base 10x38 Ph+N kit, low size	905 700 01
	DIN rail mount, supplied mounted, standard size	900 021 01

SPECIFIC equipment for lighting poles



Semi-rigid elastomer
Grooved
Resistance



Lighting pole base plates black

Semi-rigid insulating adaptor base plate to adjust the verticality of the lighting pole when fixing it to the ground.

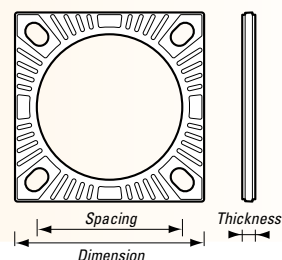
Moulded semi-rigid material made of black synthetic elastomer (EPDM).

High chemical resistance, excellent atmospheric resistance, resistance to temperatures from -25°C to +120 °C.

Standards

European standard EN 40. Recommendations on outdoor lighting (French Lighting Association, AFE).

	Depagne
260x260 mm, spacing 200 x 200 mm, thickness 18 mm	954 032 00
400x400 mm, spacing 300 x 300 mm, thickness 20 mm	954 034 00
500x500 mm, spacing 400 x 400 mm, thickness 22 mm	954 036 00



Protection caps black for nuts and anchor rods

Protective cap with grease for the lighting pole nuts and anchor rods.

Black synthetic thermoplastic material (PP).

High chemical resistance, excellent atmospheric resistance, resistance to temperatures from -25°C to +80 °C.

Standards

Recommendations on outdoor lighting (French Lighting Association, AFE).



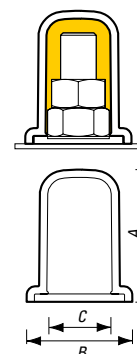
Resistance
and protection
Pouch of grease
EASY AND CLEAN
INSTALLATION!



Principle

M12, M14: using the pouch of grease, manually apply around the rods + nuts.

M18, M20, M24: pre-cut and insert the grease berlingot into the cap. During the punching, the grease will spread around the rods and nuts.



Protective cap dimensions

Threading	M12	M14	M18	M20	M24
A	40 mm	40 mm	50 mm	54 mm	62 mm
B	34 mm	37 mm	43 mm	47 mm	57 mm
C	21 mm	24,5 mm	31 mm	38,4 mm	41,5 mm
Depagne	954 060 00	954 061 00	954 062 00	954 063 00	954 064 00

		Depagne
Set of 4 protective caps, M12 to M18, grease supplied	for M12 nuts and rods	954 060 00
	for M14 nuts and rods	954 061 00
	for M18 nuts and rods	954 062 00
	10 g pouch of grease, per unit	954 069 10
Set of 4 protective caps, M20 to M24, grease supplied	for M20 nuts and rods	954 063 00
	for M24 nuts and rods	954 064 00
	20 g pouch of grease, per unit	954 069 20

SPECIFIC equipment for lighting poles (continued)



Strength
Visibility
Lighting
Ergonomics
Stability
Rigidity



Temporary protection pedestals

Pedestal giving temporary mechanical protection for electric cables from a lighting pole which is damaged or waiting for installation.

Height 1000 mm. Mounted by M14 to M24 mm bolts.

2 possible mounting spacings: 200x200 or 300x300 mm (reusing the existing lighting pole's fasteners).

Temporary protection pedestals CS orange

Electrical continuity ensured by maintaining the existing lighting pole box in place. Avoids bending cables, ensures public safety, protection of equipment (cables and boxes).

Depagne

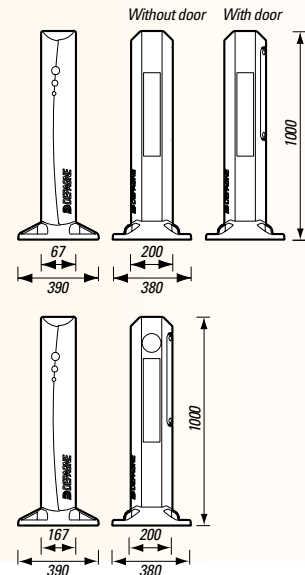
CS pedestal	without door	954 040 00
CS+ pedestal	with door	954 041 00

Temporary protection pedestals ECS orange

Based on advanced LED technology, ECS and ECS+ pedestals avoid all dark spots. They offer technical departments additional features: street lighting (eCS) and pedestrian lighting (eCS+), thus protecting the town council from any liability if incidents occur in dark areas.

Depagne

ECS pedestal	with door and 1 x 230V LAMPLED	954 042 00
ECS+ pedestal	with door and 2 x 230V LAMPLED	954 044 00

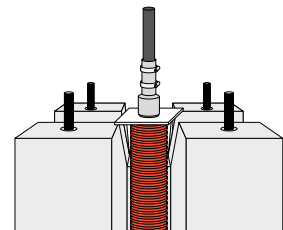


RESTOSOL®, cable anti-theft device during installation of lighting poles

This kit is a device making it impossible to extract the power cable from a lighting pole. 2 RESTOSOL® kits are necessary to install a lighting pole. It is fitted before the lighting pole is installed. Patented system.

Power cable already in place between the 2 lighting poles.

Device installed on each end of the power cable connecting 2 lighting poles.



Depagne

Anti-theft device for lighting pole, individual kit	954 030 00
---	-------------------

Twilight switch

Switches on or off depending on the sun's brightness.

Time and light control with integrated light sensor.

Adjustment range : 2 à 2000 lx.

switch-on time delay : 20 s, switch-off time delay : 80 s.

Power supply 230 V CA, power 16A.

Depagne

Analog twilight switch with light sensor kit, supplied mounted	920 020 00
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LUMIprise grey lighting pole top connection sockets

The LUMIprise connection assembly is used to connect fairy lights on an existing lighting pole or a new installation.

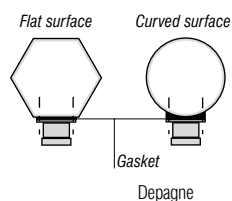
The assembly is made up of 2 products:

- a connection base that is fixed at the top of the lighting pole equipped with 7 meter cable (H07RN-F 3G2.5²) to be connected directly to the lighting pole box located at the base of the lighting pole,
- a plug (straight or elbow) with 2 meter cable (H07RN-F 3G2.5²) to be connected to the fairy lights.

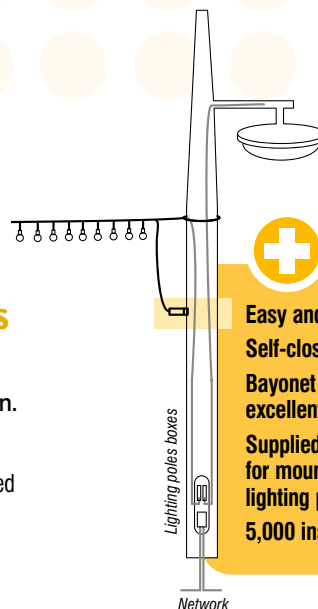
Polyamide enclosure, light grey colour. 2 poles + earth connection. Silver-plated copper alloy contacts. Stainless steel fasteners and springs. 250 V - 20A. Working temperature - 40° C to + 60° C. Complies with standards EEC, IP67, IK07.

Fastening and mounting

Drill a Ø 26 mm hole at the top of the lighting pole. On the base, mount the gasket suitable for the contact surface (flat or curved). Feed the 7 meter cablethrough, and then attach the base with the 2 self-tapping screws supplied. Connect the cable to the lighting pole box.



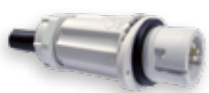
Female connection base, supplied with 7 m cable H07RNF 3G2.5 mm ²		596 001 00
Male plug, supplied with 2 m cable H07RNF 3G2.5 mm ²	straight	596 002 00
	elbow	596 003 00



- Easy and quick installation.
- Self-closing watertight flap.
- Bayonet locking providing excellent vibration resistance.
- Supplied with 2 gaskets for mounting on all types of lighting poles.
- 5,000 insertions guaranteed.



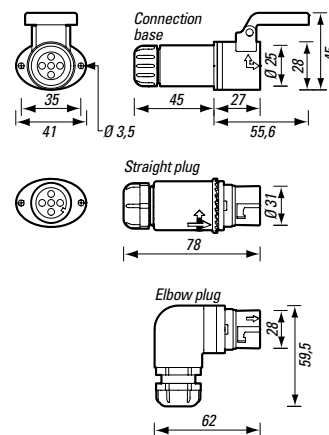
Connection base



Straight plug



Elbow plug



Junction boxes for road signage

For class II installation.

Incoming and feeder enter via the bottom.

3 types of terminal blocks:

- "domino" (1 14, 18 or 20 terminals),
- "junction block" (19 terminals),
- "isolated junction block".

Connection capacities:

- 6, 10 or 16 mm² ("domino"),
- 2.5 mm² ("junction block").



Depagne:		Box ivory type 0	type 1	type 2	type 3	Single-shell box black small model	Single-shell box black large model	Box grey double-shell
Without terminal block						605 059 00	605 060 00	605 058 00
With "domino" terminal block	12 x 16 mm ²					605 061 00	605 062 00	
	14 x 6 mm ²	605 056 00						
	18 x 10 mm ²			605 053 00				
	20 x 10 mm ²		605 057 00					
With "junction block" terminal block	19 x 2.5 mm ²	605 055 00		605 052 00	605 050 00			
With "isolated junction block" terminal block	4 x poles		605 054 00	605 054 01				

Lighting MANAGEMENT SOLUTIONS

Local authorities are now faced up to growing electricity costs and a need to find ways to reduce energy consumption in outdoor lighting, while preserving the quality and beauty of urban lighting.

Depagne is partnering Citylone, an expert in lighting management solutions, to help you achieving energy savings and find innovative solutions for the management of your outdoor lighting equipment.

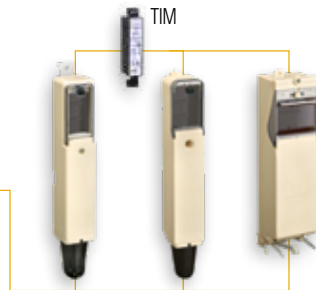
Timed mode



Without communication mode.

To save energy easily, TIM and TIMgrad allow switching-off or adjusting the lighting in the middle of the night.

- 1 timer per lighting pole,
- configuration through remote control or dipswitch.



No time drift (unlike the systems with integrated clocks, because it readjusts automatically according to night duration).

Replacement of the cell or battery.

Choice of relighting or not in the morning (for instance for festive lightings, you can chose to ignore the switching on system).

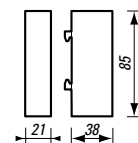
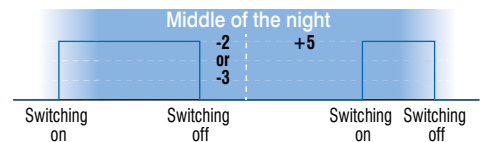
Delayed bus TIM



Timer for lighting to be installed at foot mast without communication.

- Functions:**
- without communication,
 - resinated product (protection against moisture and corrosion,
 - settings with a dipswitch on the product: power cut on/off during 7 h (-2/+5) or 8 h (-3/+5) according to middle of the night,
 - choice of relighting or not in the morning.

Timer delayed bus ON/OFF middle of the night TIM kit, not configured, supplied mounted	Depagne 599 400 10
Timer delayed bus ON/OFF middle of the night TIM, not configured	599 400 00



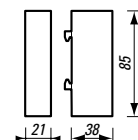
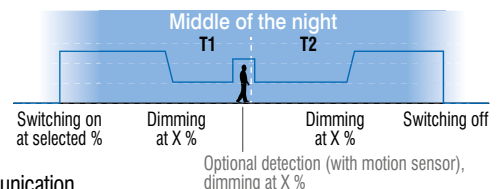
Delayed bus TIMgrad



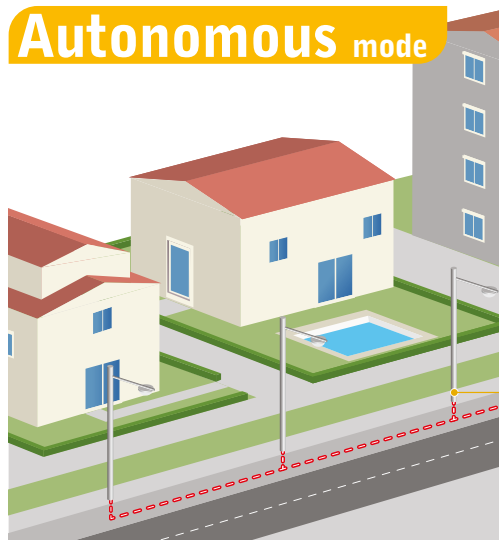
Adjustable timer for lighting at foot mast, without communication.

- Functions:**
- autonomous timer,
 - no cell/battery in the timer,
 - dimming in the middle of the night configurable without communication, individually, for each TIMgrad from 0 to 8 h with 15 mm increments,
 - settings with the infrared remote control,
 - can be coupled with a sensor to increase even more energy savings, switching on the light only when it is necessary,
 - management of ballasts DALI or 1-10 V.

Dimming timer delayed bus middle of the night (sensor power supply) TIMgrad, not configured	Depagne 599 410 00
---	------------------------------



Autonomous mode

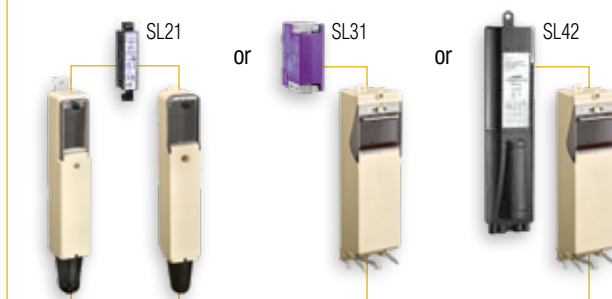


With communication mode.

Autonomous mode allows energy savings, adaptable with the developments of the installation site: modification of settings on a product which communicates with others, scalability towards complete modes of remote management...

Very simple and very quick installation for energy savings with a limited investment.
 Modification of parameters with remote control.
 Switch-off/dimming times suitable for the duration of the night.
 Extends the service life of streetlights.
 Configuration of a single controller which transmits to the others via PLC.
 Dimming with respect to configurable time before and after the middle of the night.
 Can be coupled with a presence detector to ensure maximum energy savings, also available in autonomous light path version.

- 1 controller per lighting pole,
- configuration through remote control.



**Carrier-control communication to ease the resetting of the whole line.
 Evolving towards solutions of remote control without changing the controller.**

Diagram for autonomous dimming

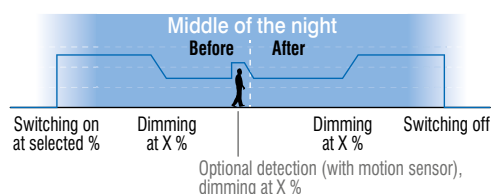
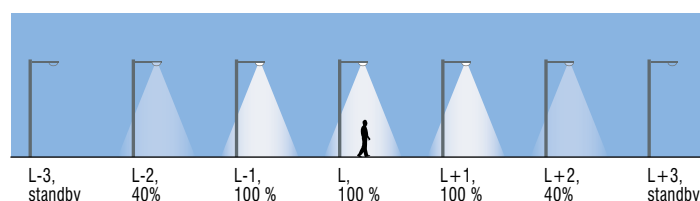


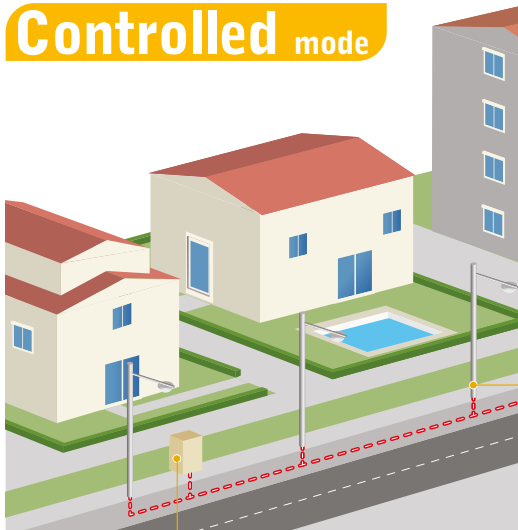
Diagram for autonomous light path detection



Lighting MANAGEMENT SOLUTIONS

(continued)

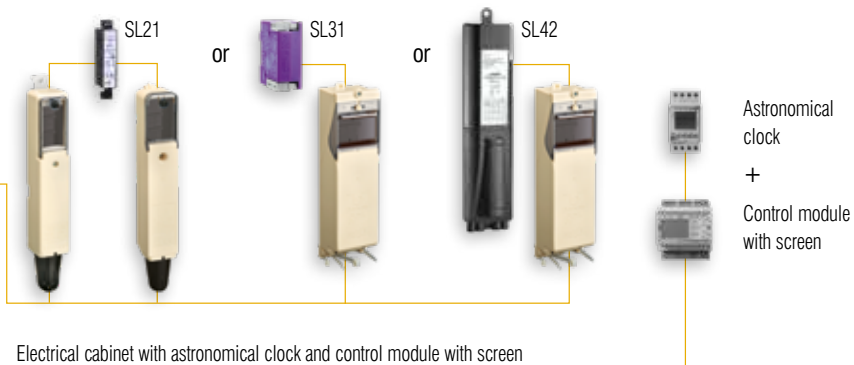
Controlled mode



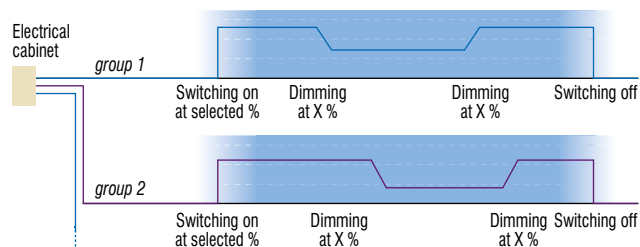
With communication mode.

Management of the bright spots with different configurations: the mode “controlled” allows adaptation of the management, according to the site layout.

- 1 controller per lighting pole,
- 1 pilot and an astronomical clock 4 channels in the cabinet,
- configuration through the pilot and the clock.



Basic installation: no identification of controllers.
 Levels, slopes and dimming time configurable according to everyday needs.
 Easy-to-use system thanks to its module with screen.
 Multi-group programming.
 Forcing option.
 Increased service life for LED streetlights.



**Management of several groups of bright spots.
 Different programming according to the groups.**

Possibility of complete remote-managing system with remote monitoring module, records and settings: please consult us.



Lighting MANAGEMENT SOLUTIONS

(continued)

Management of electronic ballasts

SL21 and SL31 are compact PLC lighting controllers for managing urban lighting, with streamlined features, and which are small enough to be integrated into boxes of type 1, type 2 and type 3.

SL21 and SL31 controllers make it possible to:

- **reduce energy consumption** by controlling switching on, switching off and dimming the lighting,
- **manage all types of DALI or 1-10 V electronic ballasts** (same product for SL21),
- **adapt the lighting to every zone's requirements** by managing each light point or groups of light points,

Additionally the SL31 manages power supply to an additional component (festive lighting, video surveillance...).

SL21 controllers

SL21 controllers control DALI or 1-10 V electronic ballasts.

They are installed in a type 1 or type 2 box.

They can be installed alone, directly in the lighting unit (provided the conditioning in the lighting unit is respected).

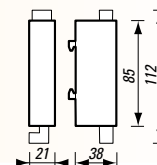
Power output 2A, 300 W maximum.



Compact product



		Depagne	
SL21 controller kit for electronic ballasts with measurement, supplied mounted	control of DALI or 1-10 V ballast, dimming	autonomous, controlled	590 321 10
	control of DALI ballast and dry contact input, dimming	autonomous, controlled	590 322 10
		autonomous light path (1)	590 821 10
	control of 1-10 V ballast and dry contact input, dimming	autonomous, controlled	590 323 10
		autonomous light path (1)	590 822 10



(1) Only without measurement.

Other possible configurations, please contact our sales department

SL31 controllers

SL31 controllers control DALI or 1-10 V electronic ballasts, and also have an additional relay for managing the power supply (ON/OFF) of an additional component (such as festive lighting, bus shelter lighting, video surveillance...). They are installed in type 3 box.

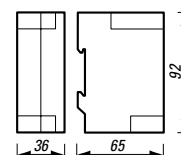
They can be installed alone, directly in the lighting unit (provided the conditioning in the lighting unit is respected). Power output 3A, 600 W maximum.



Manages power supply to additional components: such as festive lighting, video surveillance...



		Depagne	
SL31 controller kit for electronic ballasts with measurement, supplied mounted	ON/OFF control of DALI or 1-10 V ballast	autonomous	590 531 10
		controlled	590 230 10
	control of 4 DALI ballasts max, dimming	autonomous	590 533 10
		controlled	590 232 10
	control of 2 DALI ballasts max, and dry contact input, dimming	autonomous detection	590 432 10
		autonomous light path (1)	590 831 10
		controlled	590 234 10
	control of 1-10 V ballast, and dry contact input, dimming	autonomous	590 536 10
		autonomous detection	590 433 10
		autonomous light path	590 832 10
		controlled	590 236 10



(1) Only without measurement.

Other possible configurations, please contact our sales department

Management of ferromagnetic ballasts

SL42 lighting controller uses power line communication technology (through the existing electrical network) and communicates using the open and interoperable (non-proprietary) PLC protocol.

Installed upstream of the ballast in the lighting pole, it controls ferromagnetic ballasts for on/off control or dimming. Compatible with all types of streetlights (sodium or metal halide), 70 W to 250 W; it can work in autonomous mode, controlled mode or be integrated into a remote management system.

The SL42 controller can also control the power supply to additional components, by using the existing electrical network, without installation or additional wiring: bus shelter lighting, video surveillance, parking sign, festive lighting...

SL42 lighting controller:

- **controls a light point:** switching on, switching off, or dimming the light (adjusting the brightness level to decrease power consumption, while ensuring optimal safety depending on the zone in the city),
- **is suitable for existing installations or installations to be renovated:** controls an ON/OFF or dimming (patented system) ferromagnetic ballast to reduce power consumption.

SL42 controllers

For installation in box type 3

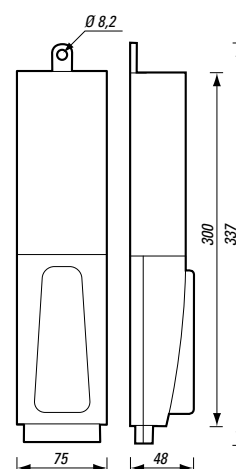
		Depagne
SL42 controller kit for ferromagnetic dimming control ballasts with measurement (2), supplied mounted	autonomous	590 542 10
	controlled	590 242 10

For alone installation

SL42 controller for ferromagnetic ballasts with measurement (2)	dimming control	autonomous	590 542 00
		controlled	590 242 00
	ON/OFF control	autonomous	590 543 00
		controlled	590 243 00

(2) Product also available in version without measurement.

Other possible configurations, please contact our sales department



Patented system
Upgradable product



Accessories

Remote control settings, autonomous or timed mode

To configure controllers at the light point (time regulation, dimming levels, slopes...) in timed mode for TIMgrad and autonomous mode.

	Depagne
Remote control settings	590 382 00



Lighting MANAGEMENT SOLUTIONS

(continued)

Infrared motion sensors on adjustable support

Motion detection in street lighting is a way to improve the rationalisation of lighting and light in the “fair” way, only when it is necessary.

The motion sensor LUMIway can be related to a SL 21, SL 31 or TIMgrad controller.

The association of both products provides a homogenous, efficient, and very simple installation, because there are only 2 wires to connect.

Specifications

The motion sensor is intended to be installed on the mast. It is fixed vertically on the mast and it swivels in order to obtain the best protection radius according to the space configuration.

Connected to a lighting controller SL 31, SL 31 or TIMgrad through a DALI 2 wires bus, it allows **the detection** by receiving the information of the motion sensor and thus **optimizing the lighting comfort** according to the pedestrians or vehicles passage (max. 30 km/h).



Upon detection by the sensor, the information can be forwarded to a lighting controller DALIS SL21 or SL31 which provides immediate activation of lighting.

After the pedestrian or vehicle passage crosses the street (max. 30 km/h), the return to sleep-level is done rapidly or according to a detection slope.



LUMIway sensor

Resinated product for outdoor.
Help for prepositioning by angular, lateral marking.



Adjustable motion sensor (works with SL21, SLS31 or TIMgrad to be added).

PC-ABS RAL 7010 material.

Installation: assembly by self-threading screws and watertight gasket, supplied with 2 washers, flat or curved according to the type of mast and 5 m cable.

Adjustment: help for pre-positioning by lateral, angular, marking.

Angle: between 10° and 40° with respect to vertical axis, 5° adjustment accuracies, pre-adjustment by notching before blocking by lateral pressure screw.

Protection: IP55 after laying + UV protection.

LUMIway infrared motion sensor on adjustable support and 5 m cable

Depagne

590 484 00



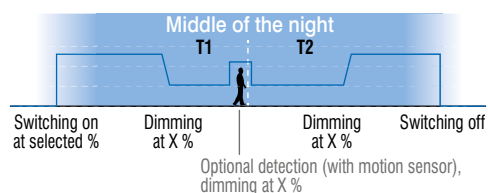
Delayed bus TIMgrad

Dimmable timer for lighting for installation at mast foot without communication.

The TIMgrad can be used as LUMIway sensor power supply and can be programmed to fit start-up request upon detection.

Functions:

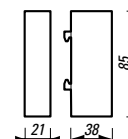
- autonomous timer,
- no cell/battery in the timer,
- dimming in the middle of the night configurable without communication, individually, for each TIMgrad from 0 to 8 h with 15 mm increments,
- settings with the infrared remote control,
- can be coupled with a sensor to increase even more energy savings, switching on the light only when it is necessary,
- management of ballasts DALI or 1-10 V.



Dimming timer delayed bus middle of the night (sensor power supply) TIMgrad, not configured

Depagne

599 410 00



Lighting poles PROTECTION

Electronic components are increasingly present in outdoor lighting; they must be protected from electrical faults to ensure service continuity.

Overvoltage and overcurrent protection

Why protection?

The installation must be protected in case there is an insulation fault.

Overvoltage can also affect the network:

- **external overvoltage** (via storms), for which the protection level is difficult to foresee,
 - **internal overvoltage** (via the composition of your network, which generates self-overvoltage and overcurrent recurring every day).
- They can destroy electronic equipment (drivers, controllers...) but, they can be controlled at low cost.

Which products for which protection?

Earth fault current

This protection provides an automatic two-pole differential protection: **RED range**

Protection of the light pole electrical components from insulation faults and automatic rearming.

Fast overvoltages

Internal or external, caused by electrostatic discharges, magnetic discharges, harmonic disturbances...

The protection smooths out the overvoltage and eliminates it: **STR**

Protection from short and limited voltage spikes generated by the ferromagnetic ballasts.

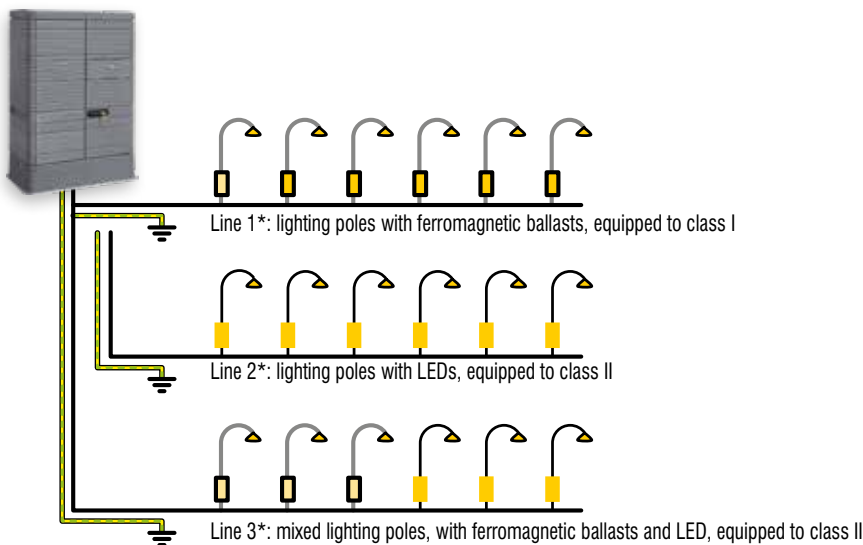
when switching on and off (5 to 10 kV: short and limited voltage spike when switching on (start-up self-overvoltage) and when switching off due to inductive discharge from the ballasts, eventually destroying the MOV protections (varistors) of the drivers or the electronic ballasts on the same line.

Overcurrents

Caused by high inrush currents of LED drivers during start-up.

The protection very quickly detects the overcurrent and absorbs it and also includes quick overvoltage protection: **STIR**

Protection of drivers to avoid absorbing the overvoltage caused by the inrush currents of LED drivers during start-up.



RED* is installed on all types of lighting poles

- STR class II
- STR class I
- STIR class II

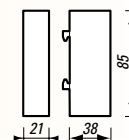
Differential disconnection device with automatic rearming/resetting RED 12

The RED range (two-pole Differential Lighting Reset device) is an automatic two-pole differential protection system suitable for many types of application (cycle type and cycle time, sensitivity, timer, features). It is recommended for outdoor lighting installations (lighting poles, panels...), in illumination units or for street furniture.

- Functions:**
- remove insulating faults,
 - bipolar disorder,
 - 3 automatic resetting or rearming when the power is restored,
 - adjustable sensitivity for RED 12 30-100: 30 or 100 mA, RED 12 100-300: 100-300 mA,
 - short cycle choice (10 seconds, 30 seconds, 60 seconds) or long cycle (10 minutes, 30 minutes, 60 minutes),
 - resinated,
 - coloured LED for functional check,
 - push-on and clip for installation on DIN rail.



		Depagne
Differential disconnection device with automatic resetting RED 12 kit	not configured 30-100mA, supplied mounted	599 120 10
	not configured 100-300mA, supplied mounted	599 120 11
Differential disconnection device with automatic resetting RED 12	not configured 30-100mA	599 120 00
	not configured 100-300mA	599 120 01



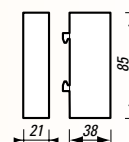
Automatic disconnection device with manual resetting RDI 12

Two-pole differential protection system with manual resetting and rearming.

- Functions:**
- remove insulating faults,
 - bipolar disorder,
 - manual resetting or rearming,
 - manual rearming,
 - adjustable sensitivity (30 or 100 mA),
 - resinated,
 - coloured LED for functional check,
 - push-on and clip for installation on DIN rail.



		Depagne
Automatic disconnection device with manual resetting RDI 12 kit, not configured 30-100mA, supplied mounted		599 300 10
Automatic disconnection device with manual resetting RDI 12, not configured 30-100mA		599 300 00



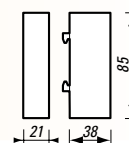
Automatic disconnection device with automatic resetting for urban camera REDcam

Two-pole differential protection system for cameras protection, automatic resetting and rearming.

- Functions:**
- remove insulating faults,
 - bipolar disorder,
 - resetting during 1 hour,
 - short cycle (10 seconds, 30 seconds, 60 seconds),
 - resinated,
 - coloured LED for functional check,
 - push-on and clip for installation on DIN rail.



		Depagne
Automatic disconnection device with manual resetting for urban camera REDcam kit, not configured 30-100mA, supplied mounted		599 130 10
Automatic disconnection device with manual resetting for urban camera REDcam, not configured 30-100mA		599 130 00

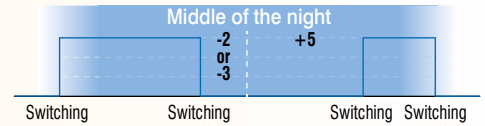


Lighting poles PROTECTION (continued)

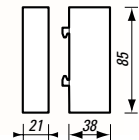
Automatic disconnection device with automatic resetting and timer ON/OFF middle of the night RED GT

Two-pole differential protection system with automatic resetting and timed mode allow to protect the installation and energy savings.

- Functions:**
- remove insulating faults,
 - bipolar disorder,
 - 3 automatic resetting short cycle (10 seconds, 30 seconds, 60 seconds),
 - automatic rearming,
 - choice of relighting or not in the morning,
 - resinated,
 - coloured LED for functional check,
 - push-on and clip for installation on DIN rail,
 - power outage during 7 hours -2/+5) or 8 hours (-3/+5) activated in the middle of the night.



	Depagne
Automatic disconnection device with automatic resetting and timer ON/OFF middle of the night RED GT kit, not configured 30-100 mA, supplied mounted	599 200 12
Automatic disconnection device with automatic resetting and timer ON/OFF middle of the night RED GT, not configured 30-100mA	599 200 00

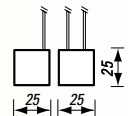


Short overvoltage and overcurrent protection

Short overvoltage protection STR class II

- Protects the other components in a line by absorbing short overvoltages such as inductive overvoltages of ferromagnetic ballasts.
- Used in class II installations.
- Operates in differential mode (Ph+N).
- Mounted downstream of the cutout.

	Depagne
Short overvoltage protection relay STR class II kit, supplied mounted	599 650 10
Short overvoltage protection relay STR class II	599 650 00



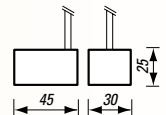
Protection of electronic products if they are combined with ferromagnetic ballasts.



Short overvoltage protection STR class I

- Protects the other components in a line by absorbing short overvoltages such as inductive overvoltages of ferromagnetic ballasts.
- Used in class I installations.
- Operates in differential mode (Ph+N) or common mode (Ph+E or N+E).
- Mounted downstream of the cutout.

	Depagne
Short overvoltage protection relay STR class I kit, supplied mounted	599 652 10
Short overvoltage protection relay STR class I	599 652 00



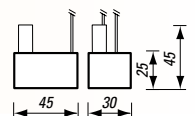
Attenuates inductive overvoltages at the source by providing protection on ferromagnetic ballasts.



Short overvoltage and overcurrent protection STIR class II

- Protects the other components in a line by absorbing short overvoltages such as inductive overvoltages of ferromagnetic ballasts as well as inrush overcurrents.
- Used in class II installations.
- Operates in differential mode and series mode (Ph+N).
- Mounted downstream of the cutout.

	Depagne
Short overvoltage and overcurrent protection relay STR class II kit, supplied mounted	599 658 10
Short overvoltage and overcurrent protection relay STR class II	599 658 00



Surge protector, overvoltage

Surge protector type 2 or 3 for LED lighting system.

- Very compact (low profile),
- Installation on DIN rail,
- Screw terminal connection,
- Mechanical indicator,
- End-of-life AC disconnection,
- Compliant with NF EN 61643-11, IEC 61643-11.



Specifications

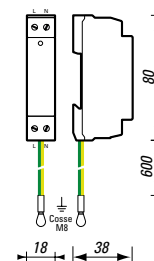
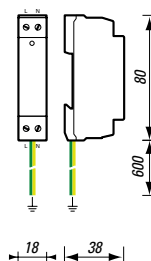
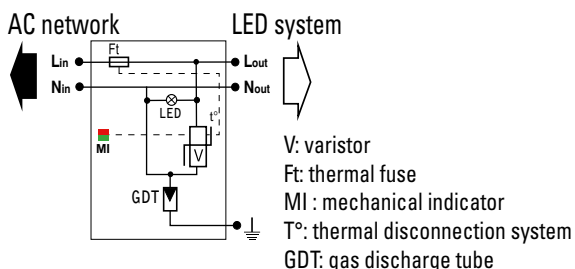
	Without terminal	With terminal
Description	LV surge protection for LED lighting class 1	LV surge protection for LED lighting class 1
Network	220-240 V single-phase	220-240 V single-phase
Neutral point connection	TT/TN	TT/TN
Mode(s) of protection	Common mode/differential mode	Common mode/differential mode
Max. perm. system voltage	Uc 320 VAC	320 VAC
Max. line current	IL 10 A	10 A
Residual current - leakage current to Uc	IPE None	None
Temporary overvoltage (TOV) specification 5 sec.	UT 335 VAC held	335 VAC held
Temporary overvoltage (TOV) specification 120 mn	UT 440 VAC disconnection	440 VAC disconnection
Temporary overvoltage N/PE (TOV HT) specification	UT 1200 V/300 A/200 ms disconnection	1200 V/300 A/200 ms disconnection
Rated discharge current	In 5 kA	5 kA
Maximum discharge current - max. 8/20 μs	I _{max} 10 kA	15 kA
Total surge current - max. total 8/20 μs	I _{total} 20 kA	20 kA
Combined impulse (IEC 61643-11-) 1.2/50 μs - 8/20 μs	Uoc 10 kV/5 kA	10 kV/5 kA
Surge IEEE C62.41.1 - 1.2/50 μs - 8/20 μs	10 kV/10 kA	10 kV/10 kA
Level of protection MC/MD	Up 1.5 kV/ 1.5 kV	1.5 kV/ 1.5 kV
Permissible short-circuit current	I _{sc} 10,000 A	10,000 A

Associated disconnectors

	Without terminal	With terminal
Thermal disconnector	Internal	Internal
Differential circuit breaker of installation (if present)	Type "S" or later	Type "S" or later

Mechanical specifications

	Without terminal	With terminal
Network connection	Screw terminal 2.5 mm ² max. Earth conductor 2 mm ² long. 600 mm	Screw terminal 2.5 mm ² max. Earth conductor 2 mm ² long. 600 mm, terminal M8
Indicator: Surge protector OK	Indicator green	Indicator green
Indicator: Surge protector disconnected	Indicator red + AC line disconnection	Indicator red + AC line disconnection
End-of-life safety status	Disconnection of AC line	Disconnection of AC line
Remote monitoring signalisation	No	No
Assembly	Symmetrical DIN rail 35 mm (EN60715)	Symmetrical DIN rail 35 mm (EN60715)
Operating temperature	-40 to +85 °C	-40 to +85 °C
Protection rating	IP20	IP20
Cabling box	Thermoplastic UL94-V0	Thermoplastic UL94-V0
Compliance with standards	NF EN 61643-11 / IEC 61643-11	NF EN 61643-11 / IEC 61643-11



Single-phase surge protector type 2 or 3, 1 module low profile, delivered in bulk	In 5 kA - I _{max} 10 kA In 5 kA - I _{max} 15 kA with terminal on earth wire	Depagne 954 601 01	Depagne 954 602 00
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04



Distribution for stallholders and markets

FOR RETRACTABLE POWER SUPPLY POWER SUPPLY WITH METERING POWER SUPPLY FOR WORKSITES

- Distribution for stallholders and markets 130
- Stallholders and markets 132
- Retractable distribution pedestals 134
 - Water distribution retractable Sourcinox, small models without equipment 135
 - Power and water distribution retractable Sourcinox, small models without equipment ... 136
 - Power and water distribution retractable Sourcinox pedestals, large models without equipment 138
- Mobile cabinets for stallholders
 - Sourcelec for stallholders on mobile trolley small model and large model 140
- Boxes and cabinets for stallholders
 - Taillefer cabinets 141
 - Sourcelec for stallholders with general protection, without individual protection of feeders 142
 - Sourcelec for stallholders without general protection, with individual protection of feeders 142
 - Sourcelec for stallholders with general protection, individual protection of feeders and individual metering 143
 - Concrete chamber with underground socket for removable Sourcelec for stallholders ... 145
- Worksite boxes
 - Distribution boxes 146
 - Worksite boxes 147

DISTRIBUTION

for stallholders and markets



Our ranges of retractable **Sourcinox** pedestals, **Sourcelec** boxes and cabinets for stallholders are designed for supplying power to markets, stallholders, shows, temporary illuminations... Our range of pedestals allows simultaneous supply of electricity, water and Internet network.

Retractable Sourcinox range

- Stainless steel frame, high corrosion resistance.
- Easy installation: one-piece system.
- Opening easy to handle with gas actuator.
- Easy maintenance: the pedestal can be fully opened, safe open position.
- **Standards:** complies with applicable French and European standards.

Sourcelec stallholder range

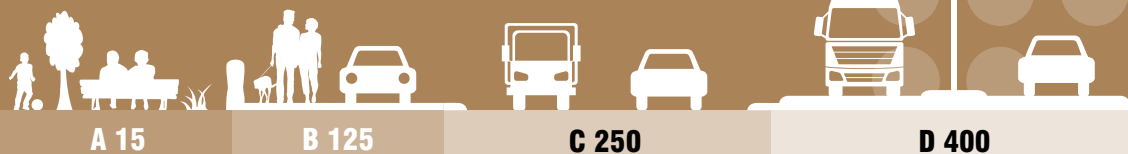
- Equipment made from glass fibre reinforced polyester.
- Overlapping door or built-in door, top-hung or hinge-mounted.
- Closed by ¼ turn padlockable triangle or rectangle.



Duty classes

Standard NF EN 124 "Cover and closure items for traffic zones used by pedestrians and vehicles" describes the places of use, resistance class and the testing and marking procedures. This standard specifies the minimum duty class to be used for each installation area.

- **Class A 15** test load of 15 kN: areas and parks and gardens exclusively reserved for pedestrians and cyclists.
- **Class B 125** test load of 125 kN: pavements, similar surfaces, car parks and garages accessible to passenger vehicles.
- **Class C 250** test load 250 kN: pedestrian areas, street culverts, road sides and car parks accessible to heavy goods vehicles.
- **Class D 400** test load 400 kN: pedestrian streets, hard shoulders, streets and highways. Unsuitable for installation across motorways and express ways.

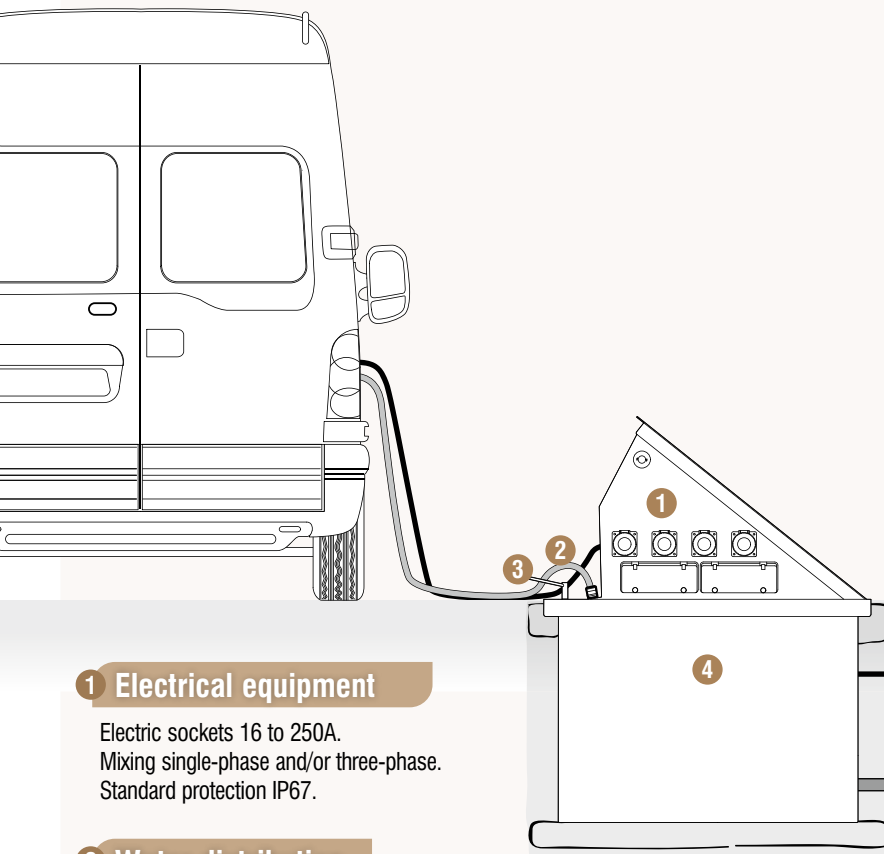


EQUIPMENT

Retractable Sourcinox range

To meet the expectations on the ground, we have designed a complete range of retractable Sourcinox composed of several models with the following features:

- different **dimensions** suitable for equipment and connections,
- **resistance** suitable for various places where they are used,
- **multiple coatings:** can be paved, tarred or not-paved (non-slip tread plate),
- **modular equipment:** electrical, water or mixed (electrical + water).



1 Electrical equipment

Electric sockets 16 to 250A.
Mixing single-phase and/or three-phase.
Standard protection IP67.

2 Water distribution

Quick-release coupling made by DEPAGNE with main shut-off valve equipped with a drain.

3 Protection

Tamper-proof patented DEPAGNE lock, resistant to pebbles, gravel, sand...

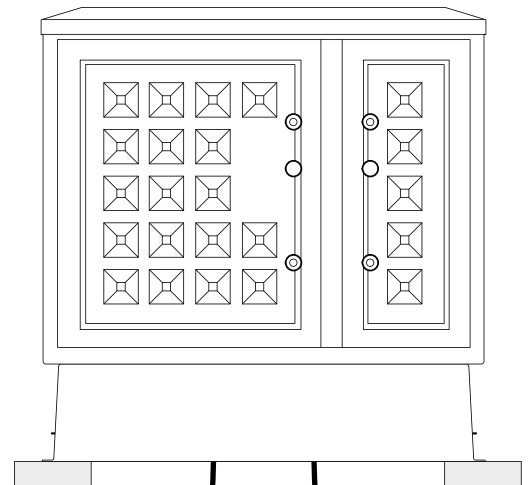
4 Maintenance

No need to dismantle, as the pedestal opens completely in "maintenance" position.

Sourcelec for stallholder range

A complete range of Sourcelec boxes and cabinets for stallholders, made up of several models:

- different **dimensions** suitable for equipment and connections,
- **sides and doors:** smooth or anti-posting surfaces,
- **standard equipment:** individual protection of feeders, single-phase or four-pole metering.



Enedis mains input

Water supply network inflow

Stallholders and markets

Boxes and cabinets



Sourcelec cabinet for stallholders

Electrical distribution with general protection, individual protection of feeders and individual metering



Sourcelec box for stallholders

Electrical distribution with general protection, individual protection of feeders and individual metering



Sourcelec box for stallholders

Electrical power distribution with general protection and without individual protection of feeders



Sourcelec cabinet for stallholders removable with plug for underground socket



Concrete chamber with underground socket

Electrical power distribution

Retractable distribution pedestals



Retractable Sourcinox pedestal, large model

Power and water distribution, can be paved or not-paved



Retractable Sourcinox pedestal, small model

Power and water distribution, can be paved or not-paved





Cabinets and boxes for temporary connection

BPS cabinet

Electrical power distribution, see "Metering" chapter, page 78



Worksite boxes

Distribution box

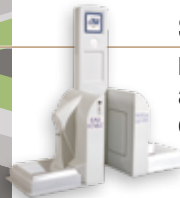
Electrical power distribution



Service points

Sourcevac pedestal

Distribution of drinking water, draining of waste water and waste collection, see "Distribution pedestals" chapter, page 187



Mobile cabinets

Sourcelec cabinet for stallholders on mobile trolley

Electrical power distribution



Sourcelec cabinet for markets

Electrical distribution with general protection, individual protection of feeders and individual metering



RETRACTABLE distribution PEDESTALS



Complying with NF C 17-200 standard

Disconnecting mean ACCESSIBLE (emergency stop) in the whole range of retractable pedestals.

Usability

Easy processing, one-piece unit. Easy handling and maintenance, complete opening of the door and secured opening position.

Safety

Patented and inviolable locking system with specific key.

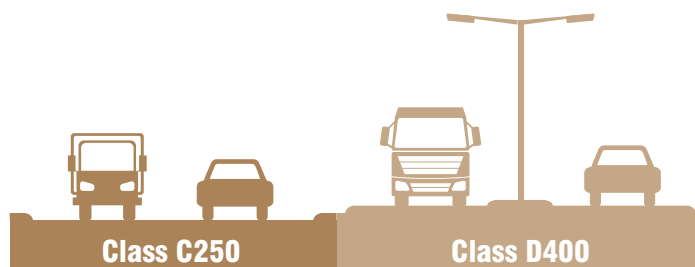
Water and power distribution retractable SOURCINOX pedestals for temporary markets, stallholders, shows, temporary illuminations.

Wet duty classifications of our retractable Sourcinox range

Then NF EN 124 standard "Cover and closure systems for traffic areas for pedestrians and vehicles" describes the places of use, the resistance category and tests and marking methods.

This standard specifies for each installation area, the minimum wet classification to use.

- **Class C250** test classification of 250 kN pedestrian zone, road drainage channels, shoulders and car parks accessible to heavy goods vehicles.
- **Class D400** test classification of 400 kN pedestrians streets, marking tapes, streets and roads. It is not appropriate for installation across highways or expressways.



Water distribution retractable Sourcinox pedestals small model

Water distribution retractable Sourcinox pedestals for temporary markets, stallholders, shows, temporary illuminations.

Stainless steel frame

Not-paved version, lid made of non-slip dropped plate, grey RAL 9006.

Open operation mode: closing by inviolable lock with specific key, mechanical locking.

Connection on front side on quick couplings.

2 or 4 water quick connectors

Standards

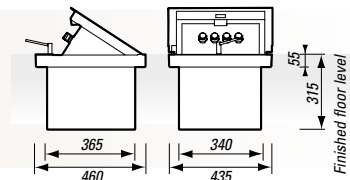
Complies with standards NF C 17-200 and NF EN 124.



Retractable Sourcinox 01

Not-paved C250 (1), about 35 kg.

	Depagne
Retractable Sourcinox 01 2 water quick connectors	722 001 20
4 water quick connectors	722 001 40



Retractable Sourcinox pedestals 01 and 10 in the open position, La-Teste-de-Buch



Retractable Sourcinox pedestal 06 in closed position, Saint-Lô

(1) Resistance 250 kN, in accordance with standard NF EN 124

Dimensions in mm.

RETRACTABLE distribution PEDESTALS

(continued)

Power and water distribution retractable

Sourcinox pedestals small model

Water distribution retractable Sourcinox pedestals for temporary markets, stallholders, shows, temporary illuminations.

Stainless steel frame.

Not-paved or **paved** version: lid made of non-slip dropped plate, grey RAL 9006, compartment receiving paving stones or asphalt.

Open operation mode: closing by inviolable lock with specific key, mechanical locking, opening with gas springs

Inner connection for power and water: on proof box IP67, right sockets IP67, on quick couplings

Standard equipment

Industrial electrical sockets: right socket 2P+E 16A IP 67, right socket 2P+E 32A IP 67, right socket 3P+N+E 32A IP67, right socket 3P+N+E 63A IP67 PSK (with contactor).

Others: water quick coupling (2 connectors maximum), RJ45 socket (1 socket maximum as an option), Emergency stop button (related to disconnect device), Incoming cable 5xG10 (2.5 m at the pedestal outlet).

Standards

Complies with standards NF C 17-200 and NF EN 124.

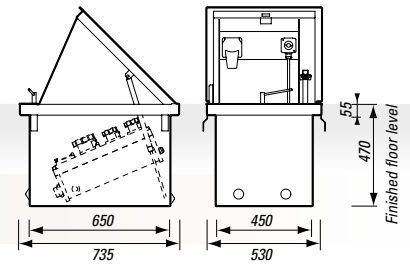


Retractable Sourcinox pedestals small model in closed position, Saint-Lô



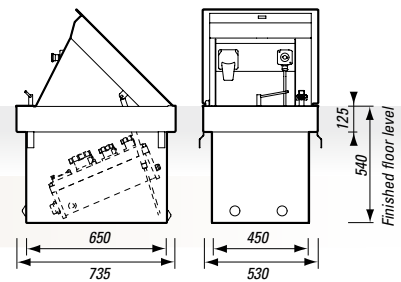
Retractable Sourcinox 06

Not-paved C250 (1), about 70 kg.
Electrical equipment from 16A to 63A with water outlet.
Safety, emergency shutdown.
Option: RJ45 socket.





Retractable Sourcinox 07

Paved C250 (1), about 80 kg.
Electrical equipment from 16A to 63A with water outlet.
Safety, emergency shutdown.
Option: RJ45 socket.



Retractable Sourcinox pedestals small models

Three-pole* industrial right sockets		Two-pole* industrial right sockets		Water outlet		
3P+N+E 63A IP67 PSK (with contactor)	3P+N+E 32A IP67	2P+E 32A IP67	2P+E 16A IP67	Quick coupling	Retractable Sourcinox 06 Not-paved	Retractable Sourcinox 07 Paved
1	-	-	-	-	722 006 10	722 007 10
1	-	-	-	2	722 006 12	722 007 12
-	1	-	4	-	722 006 50	722 007 50
-	1	-	4	2	722 006 52	722 007 52
-	-	1	4	-	722 006 60	722 007 60
-	-	1	4	2	722 006 62	722 007 62
-	-	-	6	-	722 006 30	722 007 30
-	-	-	6	2	722 006 32	722 007 32
-	-	-	4	-	722 006 40	722 007 40
-	-	-	4	2	722 006 42	722 007 42
-	-	-	2	-	722 006 20	722 007 20
-	-	-	2	2	722 006 22	722 007 22

* Differential protection 30mA



Option RJ 45 socket

All our equipped references above are available with 1 RJ45 socket, category 6 in Plexo box IP55.
The letters RJ must be added after 8 figures code number.
For instance, for opposite model: **722 006 10 RJ**

(1) Resistance 250 kN, in accordance with standard NF EN 124

Dimensions in mm.

RETRACTABLE distribution PEDESTALS

(continued)

Power and water distribution retractable Sourcinox pedestals large model

Water and power distribution retractable Sourcinox pedestals for temporary markets, stallholders, shows, temporary illuminations.

Stainless steel frame.

Not-paved or **paved** version:

lid made of non-slip dropped plate, grey RAL 9006, compartment receiving paving stones or asphalt.

Open operation mode:

closing by inviolable lock with specific key, mechanical locking, opening with gas springs.

Connection for power and water:

lateral on RIGHT sockets IP67, on frontage, on quick couplings

Standard equipment:

Industrial electrical sockets:

right socket 2P+E 16A IP 67,
right socket 2P+E 32A IP 67,
right socket 3P+N+E 32A IP 67,
right socket 3P+N+E 63A IP67 PSK (with contactor),
other sockets available on demand.

MARECHAL® electrical socket:

right socket 3P+N+E 125A IP66/67.

Others:

water quick coupling (4 connectors maximum),
RJ45 socket (2 sockets maximum),
emergency stop button (related to disconnect device),
connection on 95mm² incoming terminal block.

Standards

Complies with standards NF C 17-200 and NF EN 124.

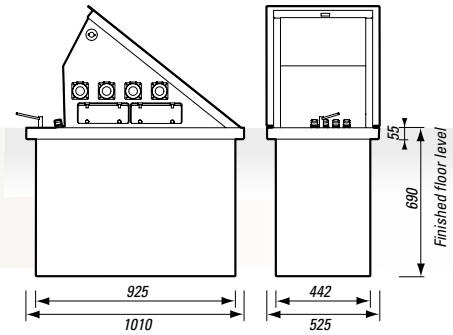


Retractable Sourcinox pedestals large model, halles de Reims



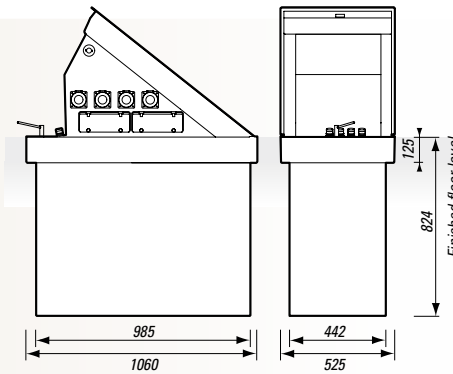
Retractable Sourcinox 10

Not-paved C 250 (1), about 115 kg.
Electrical equipment from 16A to 125A with water outlet.
Safety, emergency shutdown.
Option: RJ45 socket.



Retractable Sourcinox 11

Not-paved D 400 (2), about 150 kg.
Electrical equipment from 16A to 125A with water outlet.
Safety, emergency shutdown.
Option: RJ45 socket.



Retractable Sourcinox 12

Paved C 250 (1), about 135 kg.
Electrical equipment from 16A to 125A with water outlet.
Safety, emergency shutdown.
Option: RJ45 socket.

Retractable Sourcinox pedestals large models

Maréchal®* industrial right sockets	Three-pole* industrial right sockets		Two-pole* industrial right sockets		Water outlet	Retractable Sourcinox 10 Not-paved	Retractable Sourcinox 11 Not-paved	Retractable Sourcinox 12 Paved
3P+N+E 125A IP66/67	3P+N+E 63A IP67 PSK (with contactor)	3P+N+E 32A IP67	2P+E 32A IP67	2P+E 16A IP67	Quick coupling	Retractable Sourcinox 10 Not-paved	Retractable Sourcinox 11 Not-paved	Retractable Sourcinox 12 Paved
1	-	-	-	-	-	721 010 10	721 011 10	721 012 10
1	-	-	-	-	4	721 010 14	721 011 14	721 012 14
-	1	2	-	7	-	721 010 30	721 011 30	721 012 30
-	1	2	-	7	4	721 010 34	721 011 34	721 012 34
-	-	2	-	9	-	721 010 50	721 011 50	721 012 50
-	-	2	-	9	4	721 010 54	721 011 54	721 012 54
-	-	1	-	6	-	721 010 70	721 011 70	721 012 70
-	-	1	-	6	4	721 010 74	721 011 74	721 012 74
-	-	-	4	6	-	721 010 80	721 011 80	721 012 80
-	-	-	4	6	4	721 010 84	721 011 84	721 012 84
-	-	-	-	11	-	721 010 90	721 011 90	721 012 90
-	-	-	-	11	4	721 010 94	721 011 94	721 012 94

* Differential protection 30mA

Option RJ 45 socket

All our equipped references above are available with 2 RJ45 sockets, category 6 mounted on DIN rail.

The letters RJ must be added after 8 figures code number.

For instance, for opposite model: **721 010 10 RJ**



(1) Resistance 250 kN, in accordance with standard NF EN 124
(2) Resistance 400 kN, in accordance with standard NF EN 124

Dimensions in mm.

Mobile CABINETS for stallholders

This type of mobile cabinet is designed for the connection and protection of the power supply to the metering boxes supplied by stallholders and non-sedentary merchants (standard NF C 14-100), meeting the applicable standards.

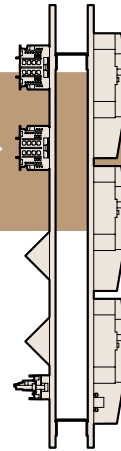


2 panels in 1

1 incoming cable and feeder panel + 1 metering panel combined in a single mobile cabinet.

incoming cable and feeder board

metering board



Glass fibre reinforced polyester.
Equipment designed for outdoor use, watertight for rain and run-off water.
2 hinged doors.

Accessibility: 1 FTH profile cylindrical lock, 1 Ronis lock 1173, these 2 locks actuate a 3 points bar lock.

Ventilation by side-mounted grids.

Mobility: 1 mobile trolley with 2 wheels, 1 side handle, reinforced roof with lifting ring.

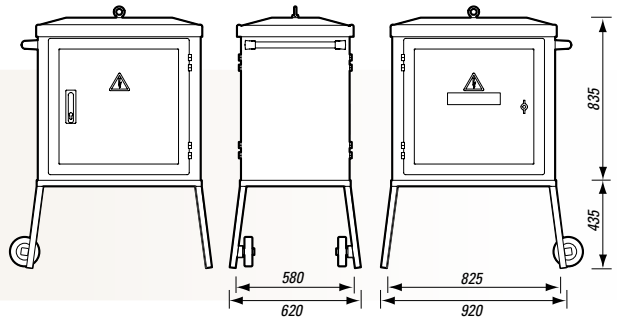
The cabinet is equipped with an address plaque, a 100 mm logo for electrical hazard and a 14-character plate.



Sourcelec for stallholders on mobile trolley small model ivory

Depagne

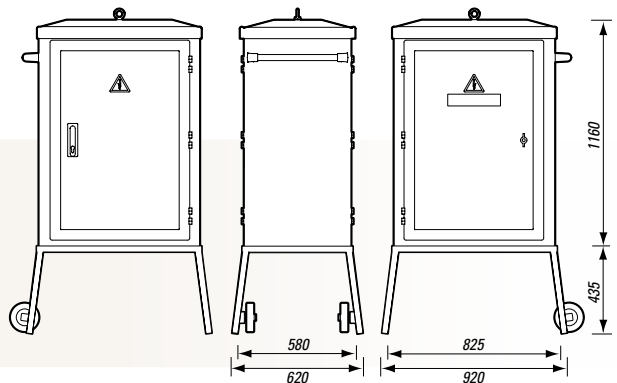
Small model, 2 smooth doors **603 581 00**
Equipped switchboards single-phase and/or three-phase **on estimate**



Sourcelec for stallholders on mobile trolley large model ivory

Depagne

Large model, 2 smooth doors **603 580 00**
Equipped switchboards single-phase and/or three-phase **on estimate**



Ecosystem electronic Management

We can propose a complete electronic management solution based on a detailed study.
For more information, please refer to section "distribution pedestals" page 158.

BOXES and CABINETS for stallholders



This type of equipment is designed for the connection and protection of the power supply to the metering boxes supplied by stallholders and non-sedentary merchants.

In accordance with standard NF C 14-100, all the equipment must have an upstream protection.



Accessibility/modularity

Cabinets range of 1 or 2 lift-off hing doors and interchangeable opening left/right.

Tailor-made equipment

Assembly and wiring on board or DIN rail or perforated grid.

Technical properties

High resistance, anti-corrosion, easy handling.

100% RECYCLABLE

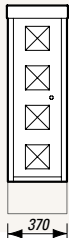
Range of aluminium cabinets designed for outdoor, complying with your requirements for standard or specific equipment, with potential applications such as:

- cabinet with external sockets,
- cabinet with closed operation, with internal sockets and cable-gland traps,
- "stadium" type cabinet with 3 positions operation system,
- removable cabinet on frame.

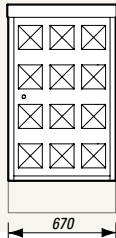
For further information on this range, see "Cabinets" chapter, page 194.

Taillefer cabinets ivory

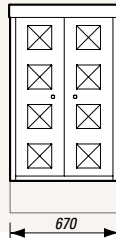
Taillefer 370
1 door,
1 compartment



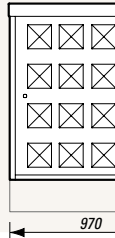
Taillefer 670
1 door,
1 compartment



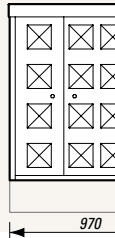
2 doors
2 compartments



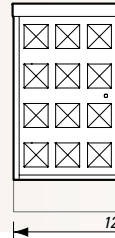
Taillefer 970
1 door,
1 compartment



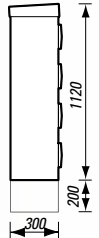
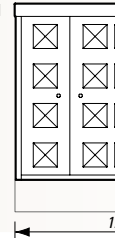
2 doors
2 compartments



Taillefer 1270
2 doors
2 compartments



2 doors
2 compartments



BOXES and CABINETS for stallholders (continued)

Equipment made of glass fibre reinforced polyester.
Doors: Lap or built-in door, either top-hung or hinge-mounted.
1/4 turn triangle or rectangular lock, padlockable, key lock or other.

Sourcelec for stallholders with general protection, without individual protection of feeders

General protection by switch cutout box with 200A fuse, spacing 160 mm.

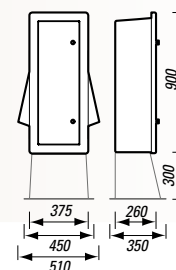


Sourcelec for stallholders 711 ivory

Incoming 1 for 4x150 mm² or 2 for 4x70 mm².

Feeders 4 for 4x35 mm² maximum, on isolated 35 mm² terminals.

		Depagne
4 feeders, 1 smooth door		711 014 00
Polyester base 110 ivory, 300x450x350		954 210 00
Fixing	wall-mounted 2 C-profiles for box width between 250/300 mm	954 270 00
	mounted on post by metal strip, 2 C-profiles for box width between 250/300 mm	954 280 00



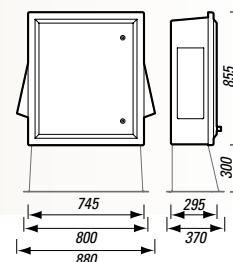
Sourcelec for stallholders without general protection, with individual protection of feeders

Sourcelec for stallholders 716 ivory

Incoming 1 for 4x150 mm².

Feeders 8 maximum, on four-pole cutout 22x58.

		Depagne
4 feeders, 1 smooth door		716 004 00
5 feeders, 1 smooth door		716 005 00
6 feeders, 1 smooth door		716 006 00
7 feeders, 1 smooth door		716 007 00
8 feeders, 1 smooth door		716 008 00
Polyester base 130 ivory, 300x800x370		954 213 00
Fixing	wall-mounted 2 C-profiles for box width between 650/800 mm	954 272 00
	mounted on post by metal strip, 2 C-profiles for box width between 650/1000 mm	954 282 00



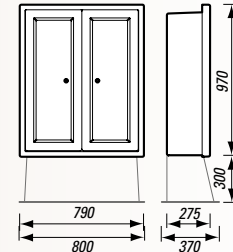
Sourcelec for stallholders with general protection, individual protection of feeders and individual metering



Sourcelec for stallholders 731 ivory

Capacity 2 four-pole meterings or 3 single-phase meterings.

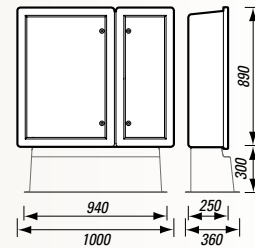
	Depagne
2 smooth doors, 2 compartments side by side	731 001 00
Polyester base 130 ivory, 300x800x370	954 213 00



Sourcelec for stallholders 732 ivory

Capacity 3 four-pole meterings + 1 single-phase metering.

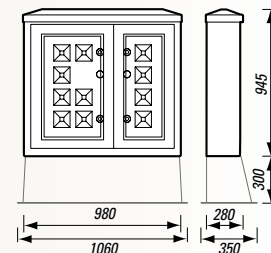
	Depagne
2 smooth doors, 2 compartments side by side	732 001 00
Polyester base 180 ivory, 300x940x360	954 218 00



Sourcelec for stallholders 739 ivory

Capacity 2 four-pole meterings or
1 four-pole metering and 2 single-phase meterings or
3 single-phase meterings.

	Depagne
2 anti-posting doors, 2 compartments side by side	739 001 00
Ivory polyester base, 300x1060x350	954 580 00



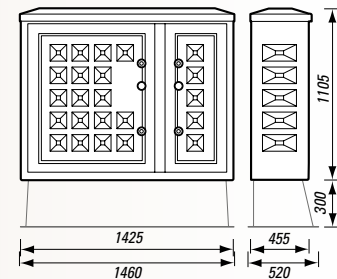
Sourcelec for stallholders 735 ivory

Capacity 6 four-pole meterings or 9 single-phase meterings.

Limited power connection capacity

Four-pole	6	4	2
Single-phase	3	6	9

	Depagne
2 anti-posting doors, 2 compartments side by side	735 001 00
Ivory polyester base, 300x1460x520	954 020 00



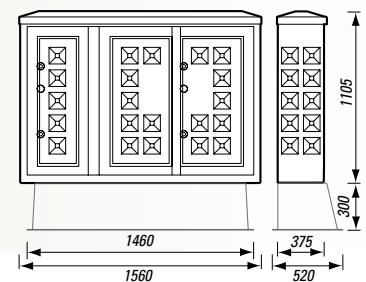
Sourcelec for stallholders 737 ivory

Capacity 6 four-pole meterings or 9 single-phase meterings.

Limited power connection capacity

Four-pole	6	4	2
Single-phase	3	6	9

	Depagne
2 anti-posting doors, 2 compartments side by side	737 001 00
Ivory polyester base, 300x1460x520	954 020 00



BOXES and CABINETS for stallholders (continued)

Sourcelec for stallholders with general protection, individual protection of feeders and individual metering (continued)



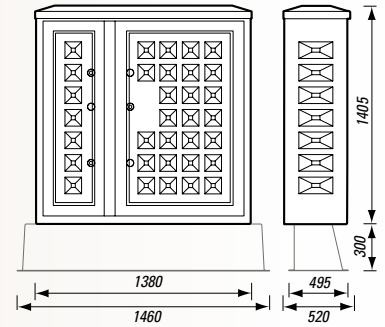
Sourcelec for stallholders 738 ivory

Capacity 6 four-pole meterings or 9 single-phase meterings.

Limited power connection capacity

Four-pole	6	4	2
Single-phase	3	6	9

2 anti-posting doors, 2 compartments side by side	Depagne	738 001 00
Ivory polyester base, 300x1460x520		954 020 00



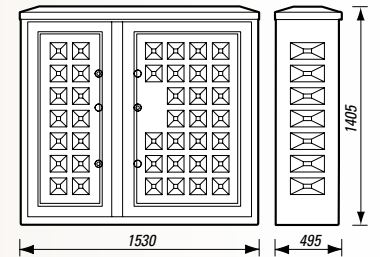
Sourcelec for stallholders 740 ivory

Capacity 6 four-pole meterings or 9 single-phase meterings.

Limited power connection capacity

Four-pole	6	4	2
Single-phase	3	6	9

2 anti-posting doors, 2 compartments side by side	Depagne	740 001 00
---	---------	-------------------



Sourcelec for stallholders 733 (Sourcelec 1000) ivory

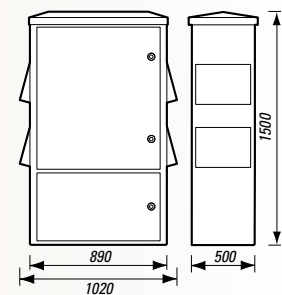
Capacity 8 four-pole meterings to 12 single-phase meterings.

- shutter flaps on the sides,
- closed by 11 mm triangle, padlockable on metering side,
- 11 mm split triangle for opening with screwdriver on connection side or key lock,
- feeders on isolated 35 mm² terminals.

Limited power connection capacity

Four-pole	8	6	4	2
Single-phase	3	6	9	12

2 smooth doors, 2 compartments one above the other	Depagne	733 000 00
--	---------	-------------------



Sourcelec for stallholders 734 (Sourcelec 1200) ivory

Capacity 12 four-pole meterings to 18 single-phase meterings.

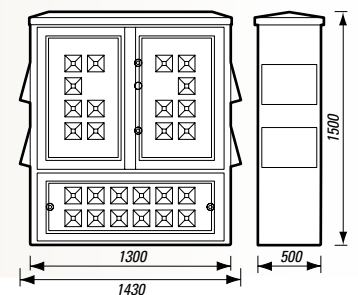
Feeders on power socket, set of terminals or circuit-breakers.

Limited power connection capacity

Four-pole	4	8	12	10	8	6	4	2		
Single-phase					3	6	9	12	15	18

Monitored power connection	3	2	1
----------------------------	---	---	---

3 front/rear anti-posting doors, 2 compartments one above the other (front/rear)	Depagne	734 000 00
--	---------	-------------------



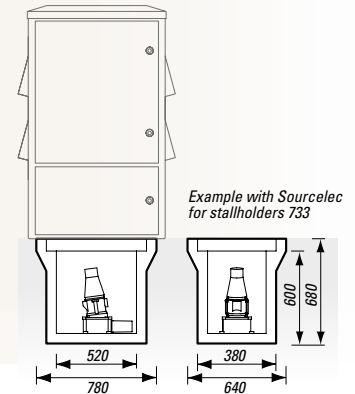
Concrete chamber with underground socket for removable Sourcelec for stallholders



This kit contains: - 1 concrete chamber,
- 1 125A or 250A socket,
- 1 water-tight connection terminal block.

The 125 or 250A plug is connected under the cabinet.
A adaptor kit makes the cabinets for stallholders withdrawable.

Depagne		
Underground socket kit, supplied mounted	IP67 125A 3P+N+E	901 250 00
	IP67 250A 3P+N+E	902 500 00
L1T standard Telecom concrete chamber kit with C 250 cast iron slab, supplied mounted		733 901 00
Adapter plate kit for concrete chamber, supplied mounted		733 902 00
Straight plug for underground socket, supplied with 2 m cable	IP67 125A 3P+N+E	901 250 01
	IP67 250A 3P+N+E	902 500 01



Example with Sourcelec for stallholders 733

Accessories

		Depagne	500mA	300mA	30mA
Additional feeder kit with differential circuit-breaker protection	1P+N	10/30A	970 123 00	970 223 00	970 323 00
		15/45A	970 125 00		
	2P+N+E	60A	970 126 00		
		30/60A		970 226 00	970 326 00
		60/90A	970 127 00		
Kit supplied mounted	4x30/60A non-differential connection circuit-breaker			941 080 00	
	2 incomings cables terminal block 3P+N 240 mm ²			970 022 40	
	3 incomings cables terminal block 3P+N 150 mm ²			970 030 00	
Feeder for monitored power metering without circuit-breaker				970 046 00	
400A cutoff with cutout				970 047 00	
Kit for cable exit, supplied mounted	hatch			954 233 00	
	padlockable hood			954 230 00	
Document holder kit, supplied mounted	A4 size			936 581 00	
	A3 size			936 581 01	
Laptop computer support kit, supplied mounted				610 000 40	
Specific paint kit for other enclosure (colour to be defined), supplied mounted				954 107 00	
Specific gel-coat finishing for polyester enclosures (colour to be defined)				954 108 00	

Ecosystem electronic Management

We can propose a complete electronic management solution based on a detailed study.
For more information, please refer to section "distribution pedestals" page 154.

Worksite BOXES

These boxes are designed for making an electrical connection for a temporary outdoor installation.

Examples of installations: building site, stallholders, markets, caravans, mobile homes, individual houses with consuel (National Committee for the Safety of Electricity Users) certification...

Distribution boxes

Box made of ABS plastic, grey colour. Door made of smoked polycarbonate. IP65, IK08.

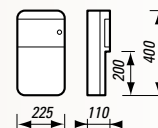
Standards

Complies with standard NF C 15-100, 2002 edition, low voltage electrical installations, part 7-709 "Worksite installation".

Complies with standard NF EN 61439-1, low voltage electrical switchgear.

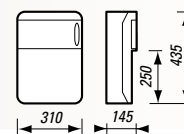
Distribution boxes 3/4 sockets grey

		Depagne
3 NF 16A 2P+E sockets	1 16A Ph+N circuit-breaker non-differential, 1 switch with 30mA differential protection, 1 emergency stop button	751 316 00
4 NF 16A 2P+E sockets	1 16A Ph+N circuit-breaker non-differential, 1 switch with 30mA differential protection, 1 emergency stop button	751 416 00



Distribution boxes 5 sockets grey

		Depagne
4 NF 16A 2P+E sockets, 1 IP44 16A 3P+E socket	2 16A Ph+N circuit-breakers non-differential, 1 3x16A non-differential circuit-breaker, 1 switch with 30mA differential protection, 1 emergency stop button	752 516 00
4 NF 16A 2P+E sockets, 1 IP44 32A 3P+E socket	2 16A Ph+N circuit-breakers non-differential, 1 3x32A non-differential circuit-breaker, 1 switch with 30mA differential protection, 1 emergency stop button	752 532 00
4 NF 16A 2P+E sockets, 1 IP44 16A 3P+N+E socket	2 16A Ph+N circuit-breakers non-differential, 1 4x16A non-differential circuit-breaker, 1 switch with 30mA differential protection, 1 emergency stop button	753 516 00
4 NF 16A 2P+E sockets, 1 IP44 32A 3P+N+E socket	2 16A Ph+N circuit-breakers non-differential, 1 4x32A non-differential circuit-breaker, 1 switch with 30mA differential protection, 1 emergency stop button	753 532 00



From 3 to 5 power sockets with emergency stop.

Door fitted on invisible and reversible hinges.

Large capacity earth terminal block.

Easy access and maintenance.



Accessories

		Depagne
Handle for transport		755 001 00
Foldable metal support		755 002 00

Worksite boxes

Hot-moulded and self-extinguishing polyester, high impact resistance IK10.
Closed by sealable 11 mm triangle lock. On galvanised sheet steel base.

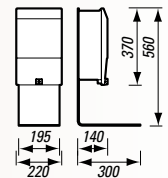
Standard

Complies with standard NF C 15-100, 2002 edition, low voltage electrical installations, part 7-709 "Worksite installation".

Worksite boxes 1860 type on metal base grey

Depagne

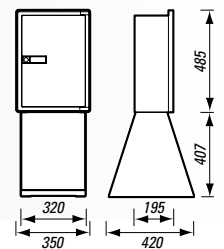
Supplied on metal base with 2 m supply cable and 16A 2P+E plug	4 NF 16A 2P+E sockets	2 16A Ph+N circuit-breakers non-differential (curve C), 1 2x25A switch with 30mA differential protection	600 160 00
Supplied on metal base with 2 m supply cable and 16A 3P+N+E plug	2 NF 16A 2P+E sockets, 2 IP44 16A 3P+N +E sockets	1 16A Ph+N circuit-breaker non-differential (curve C), 1 4x16A non-differential circuit-breaker (curve C), 1 4x25A switch with 30mA differential protection	600 161 00
	3 NF 16A 2P+E sockets, 1 IP44 16A 3P+N +E socket	2 16A Ph+N circuit-breakers non-differential (curve C), 1 4x16A non-differential circuit-breaker (curve C), 1 4x40A switch with 30mA differential protection	600 162 00
	5 NF 16A 2P+E sockets, 2 IP44 16A 3P+N +E sockets	2 16A Ph+N circuit-breakers non-differential (curve C), 1 4x16A non-differential circuit-breaker (curve C), 1 4x40A switch with 30mA differential protection	600 163 00
Emergency stop button kit, supplied mounted			950 008 00



Worksite boxes S20 type on metal base ivory

Depagne

Supplied on metal base with 2m supply cable and 32A 2P+N+E plug	4 NF 16A 2P+E sockets, 2 IP44 16A 3P+N+E sockets, 1 IP44 32A 3P+N+E socket	1 16A Ph+N circuit-breaker non-differential (curve C), 1 4x16A non-differential circuit-breaker (curve C), 1 4x32A non-differential circuit-breaker (curve C), 1 4x40A switch with 30mA differential protection	600 164 00
Supplied on metal base and direct connection to terminal block	4 NF 16A 2P+E sockets, 1 IP44 16A 3P+E socket, 1 IP44 16A 3P+N+E socket, 1 IP44 32A 3P+N+E socket	1 16A Ph+N circuit-breaker non-differential (curve C), 1 3x16A non-differential circuit-breaker (curve C), 1 4x16A non-differential circuit-breaker (curve C), 1 4x32A non-differential circuit-breaker (curve C), 14x63A switch with 30mA differential protection	600 165 00
Metal base for S20 box			674 209 00
Emergency stop button kit, supplied mounted			950 008 00





05

Distribution pedestals

FOR MARINAS RIVER PORTS CAMPING AND CARAVANNING SERVICE POINTS FOR CAMPER VANS

• Distribution pedestals	150
• Marinas	152
• Ecosystem electronic management for distribution pedestals	154
• Pedestals for marinas	
The essentials	156
The stainless steel	162
• High capacity pedestals	
The essentials	164
The classics	165
• Pedestals for technical areas	
The essentials	166
The classic	166
• Tailor-made stainless steel pedestals	168
• Tailor-made stainless steel boxes	170
• High flow pedestals	171
• Riverside pedestals	
The essentials	172
The classics	175
• Camp site pedestals	
The essentials	176
The classic	177
• Sourcelec and Sourcinox equipment	
Electrical equipment and water distribution	178
Beaconing and lighting	179
Electronic management	180
• Safety pedestals	182
• Signage	183
• Water distribution pedestals	184
• Service points for camper vans	185
• Pumping stations	186
• Installation and maintenance of distribution pedestals	188



Distribution PEDESTALS



Our ranges of **Sourcelec** and **Sourcinox** pedestals are designed for use in marinas, riverside installations and camp sites.

Our range of pedestals allows simultaneous supply of electricity, water and Internet network.



Sourcelec range

- Glass fibre reinforced polyester with isophthalic gelcoat, self-extinguishing at 850°C.
- Excellent resistance to UV, infra-red, external attack and humidity.
- Protection ratings: IP44, IK10.
- Closed by anti-tamper, rust-proof lock.
- Standard colour: white for the body and blue for the cap. Other colours available on request.

Sourcinox range

- Equipment made of 316 L stainless steel, thickness 3 mm.
- Protection ratings: IP44, IK10.
- Closed by anti-tamper, rust-proof lock.
- Standard colour: gloss varnish, other colours available on request.



Standards

- Decree of 14 November 1988, No. 88-1056: worker protection.
- Publication UTE C 18-510, 1997 edition: general safety instructions for electrical installations.
- **Marinas and river installations:**
 - Complies with standard NF 15-100 section 709, 2002 edition: low voltage electrical installations for marinas.
 - Sockets installed at least 300 mm from the ground, 4 sockets maximum.
- **Camping and caravanning:**
 - Complies with standard NF 15-100 section 708, 2002 edition: low voltage electrical installations for caravan parks,
 - Sockets installed at least 500 mm from the ground, 4 sockets maximum.

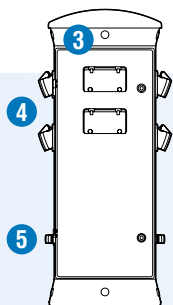


EQUIPMENT

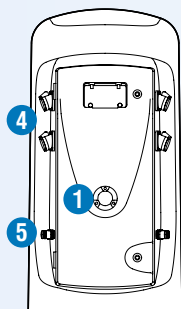
Our range of Sourcelec and Sourcinox pedestals integrate lighting and beaconing while saving energy through LED technology.

Our pedestals come with standard equipment: electricity, water, electronic management.

They can also integrate specific equipment as requested.



Polyester range,
Sourcelec Rivage 199



Standard polyester range,
Sourcelec Escale 196

Lighting

- 1 terminal block Ph+N.
Connection on terminal block 2x6 mm².

- 1 Standard lighting 230V Lamped**
With diffuser or direct light, white as standard, blue optionally, other colours available on request. Anti-glare spotlight.
- 2 Customisable lighting 230V Lamped**
Custom cut on stainless steel with light-diffusing sheet, backlighting on front/rear, white as standard, blue optionally, other colours available on request.

Beaconing

- 1 terminal block Ph+N.
Connection on terminal block 2x6 mm².
- **Beaconing LED spotlight 12V**
In direct light, white as standard, blue optionally, other colours available on request. Anti-glare spotlight.

4 Standard electrical equipment

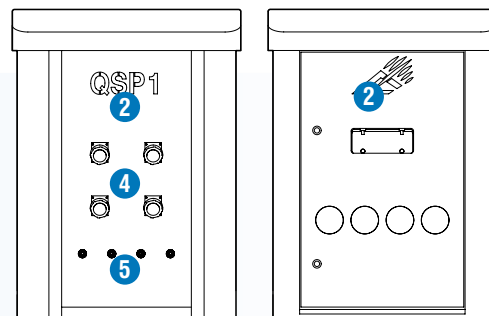
- 1 terminal block 3 Ph+N+E.
Connection on terminal block 4x35 and 2x16 mm².
- 1 individual Ph+N circuit-breaker with 30mA differential protection per socket, rating to be defined when ordering.
- Up to 4 electrical sockets from 16 to 250A.
- Standard protection IP44 sockets with flap as standard, IP67 screw-in sockets on request.

5 Water distribution

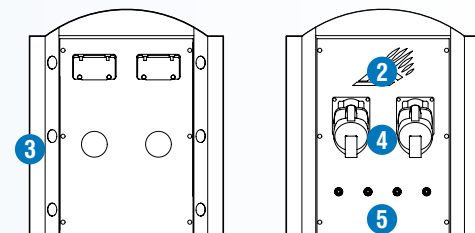
- 1/4 turn tap or self-closing tap.
- Quick-release coupling with filter and drain.

Options

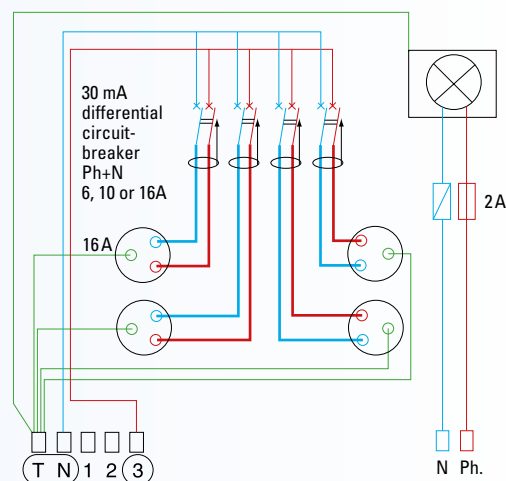
- Electronic management.
- Automatic lighting management, ICAR system.
- Sockets up to 630A.
- Padlockable socket.
- Telephone, television, modular meter sockets.



Stainless steel range, Sourcinox 48 large model



Stainless steel range, Sourcinox 38 large



MARINAS

Careening area and technical areas



Sourcelec pedestal

Electrical and water distribution



Sourcinox pedestal

Electrical and water distribution



Subtransmission and distribution cabinet

General electrical distribution for the marina, see "Cabinets" chapter, page 194

Electronic management



Electricity and fluid distribution control, access control

- Manage energy usage credits ①,
- limit consumption ①,
- invoice consumption in real time ①,
- secure usages ②,
- control usages remotely.

Service points



Sourcevac pedestal

Distribution of drinking water, draining of waste water and waste collection

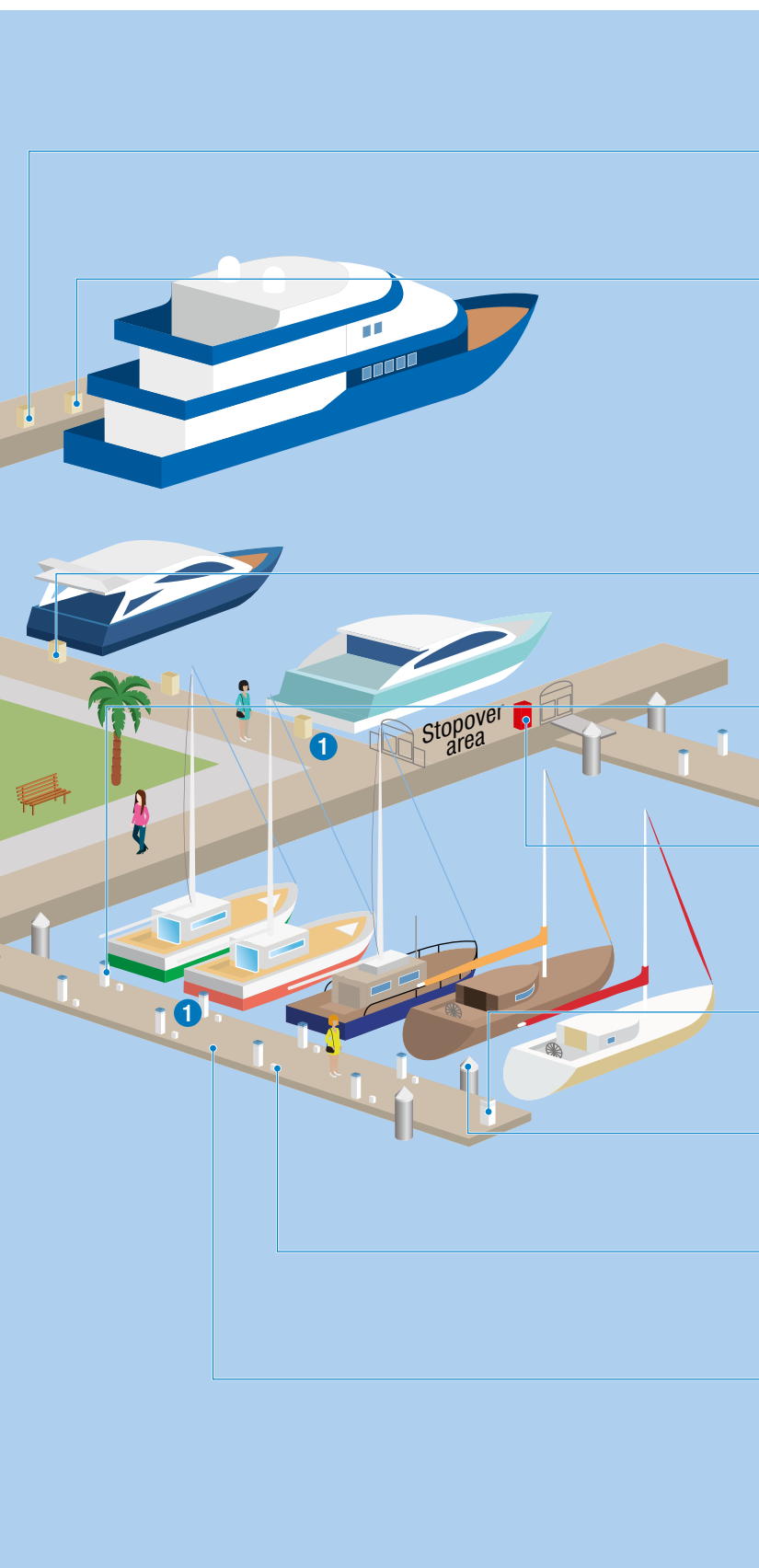
Pumping stations



Mobile, single or combined station

For extraction of waste water and bilge water from boats





High capacity pedestals



Sourcelec Rivage 788 pedestal

Electrical and water distribution



High flow water distribution cabinet

Quick distribution of water to tanks up to 20 m³/hour for large units

Sourcelec and Sourcinox pedestals



Sourcelec Rivage pedestal

Electrical and water distribution



Sourcelec Escale pedestal

Electrical and water distribution



Sourcelec safety pedestal

For the connection of fire departments or provision of extinguishers



Beaconing pedestal

To mark the end of the pontoon



Pile cap

Polyester, for different piles diameter



Water distribution

Polyester or stainless steel pedestal with taps or quick-release couplings



Pontoon beaconing and lighting

230V Lamped or 12V diode spotlight

Ecosystem electronic MANAGEMENT for distribution pedestals

In order to protect the environment and our natural resources, a more responsible approach concerning water and electrical power consumption is necessary.

For this reason, we can offer you 2 types of electronic management: with RFID tag/key or with real time metering, which can equip virtually all existing Sourcelec and Sourcinox pedestals.

Electronic MANAGEMENT with RFID tag or key

Remote control
Time management
Effective consumed control
Traceability and safety



Self-contained system which provides various types of management adapted to specific operating requirements of each port.

With the same electronic key (or RFID tag) you can control both water and electricity consumption.

Electronic MANAGEMENT with real-time metering

Unlimited number of pedestals
Data rescue
Long-range communication
Communications safety



The system is connected from the central office to the first pedestal. Each pedestal is connected to the next one.

This system provides a long-range communication and the safety of the installation with various means of configuration.



Example of personalised installation Sourcelec 278, Port Leucate, France



Variety of Sourcelec pedestals, la Grande-Motte marina

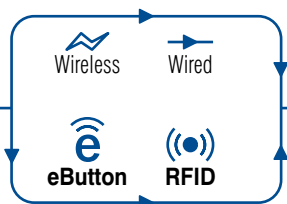
REAL TIME REMOTE READING

(radio, ADSL or wired connection)

Remote control, remote reading + remote control



Wireless Wired



Access by electronic key.

eButton RFID

Real time counting management

Time management

Free access.

Sourcelec
Escale 266

Sourcinox 18

Pumping station



Electricity and fluid
distribution control

Access by electronic key
or coin validator.
Pedestal with coin validator.



Pedestal with
coin validator

Time management

PEDESTALS for marinas



Safety

Enclosure made of GRP (fiberglass reinforced polyester) with integrated and self-extinguishing isophthalic gel coat. Inviolability of the pedestal thanks to quarter-turn key locks.



Comfort

Door fitted with stainless steel hinges. Double compartment electricity/water. Inner fixings.

The essentials

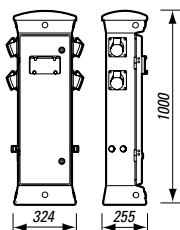


Sourcelec Rivage 159 white

Depagne

Can be equipped for
electricity/water **415 208 00**

Equipment: beaconing, lighting, electricity and water equipment, see page 178

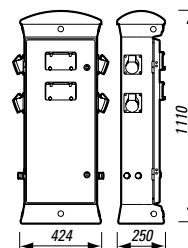


Sourcelec Rivage 199 white

Depagne

Can be equipped for
electricity/water **419 208 00**

Equipment: beaconing, lighting, electricity and water equipment, see page 178





Expenses

Energy saving through low voltage lighting.
Management with controls: dot, button or RFID badge reader.



A pedestal **complying** with all types of **management solutions existing** on the market.

A **design perfectly integrated** in the Rivage pedestals range.

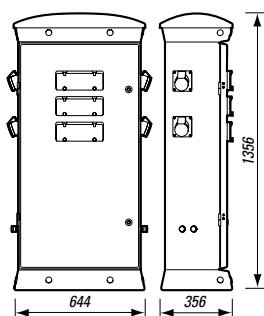


Sourcelec Rivage 788 white

Depagne

Can be equipped for electricity/water **478 208 00**

Equipment: beaconing, lighting, electricity and water equipment, see page 178



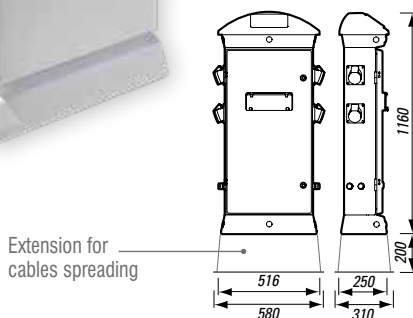
Sourcelec RIVAGE 299 Connect white **New**

Depagne

Can be equipped for electricity/water **429 008 00**

Extension white polyester 200x580x310 with fixings **429 100 00**

Equipment: beaconing, lighting, electricity and water equipment, see page 178



PEDESTALS for marinas (continued)



The essentials (continued)



Safety

Enclosure made of GRP (fiberglass reinforced polyester) with integrated and self-extinguishing isophthalic gel coat. Inviolability of the pedestal thanks to quarter-turn key locks.

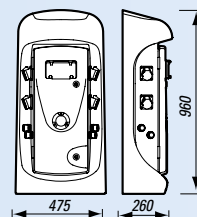


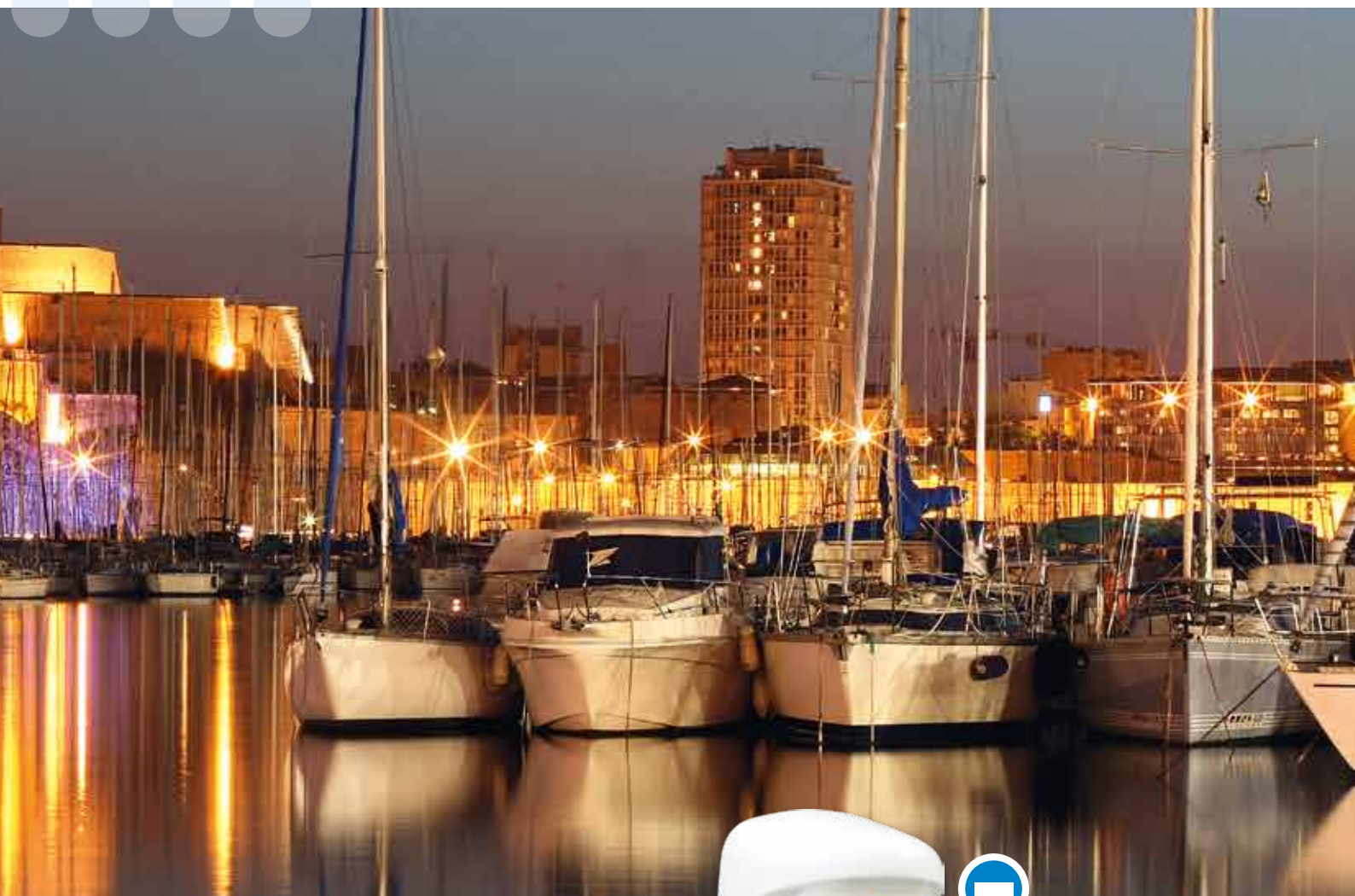
Sourcelec Escale 156 white
Depagne

Can be equipped for
electricity/water

415 608 00

Equipment: beaconing, lighting, electricity
and water equipment, see page 178





Comfort

Door fitted with stainless steel hinges.
Double compartment electricity/water.
Inner fixings.

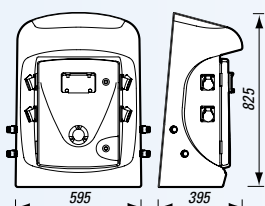
Sourcelec Escale 266 white

Depagne

Can be equipped for
electricity/water

426 608 00

Equipment: beaconing, lighting, electricity
and water equipment, see page 178



Expenses

Energy saving through
low voltage lighting.
Management with controls:
dot, button or RFID badge
reader.

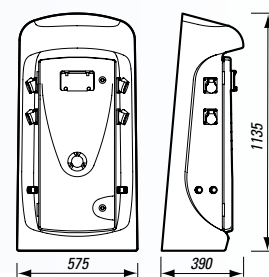
Sourcelec Escale 196 white

Depagne

Can be equipped for
electricity/water

419 608 00

Equipment: beaconing, lighting, electricity
and water equipment, see page 178



PEDESTALS for marinas (continued)



Sourcinox Riviera pedestals, reception pontoon, Cannes

The essentials

(continued)

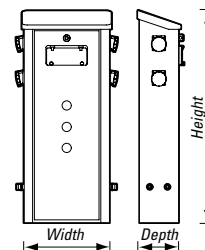
Our new range of pedestals for ports, Riviera Sourcinox offers a new design and a new innovation: the polished-mirror finish. Its conception provides a wide choice regarding dimensions and equipment, adapted to your requirements.

Standard Sourcinox Riviera polished-mirror stainless-steel

Possible equipment: electrical sockets up to 32A maxi and water exits, beaoning spotlight 12V, removable panel without hinges, upper rooftop.

Reinforced	HxWxD ⁽¹⁾ overall		Depagne
Riviera 100S	1000x430x210	can be equipped for electricity/water	442 100 00
Riviera 200S	1200x430x210	can be equipped for electricity/water	442 200 00
Riviera 201S	1200x430x320	can be equipped for electricity/water	442 201 00
Riviera 211S	1200x680x320	can be equipped for electricity/water	442 211 00

Equipment: beaoning, lighting, electricity and water equipment, see page 178





Sourcinox Riviera pedestals, Monaco marina



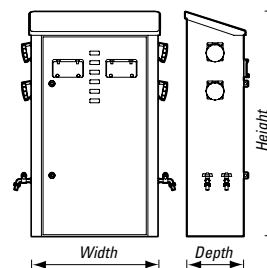
Polished-mirror finish
Robust and tamper-proof
Dimensional modularity

Reinforced Sourcinox Riviera polished-mirror stainless-steel

Possible equipment: electrical sockets up to 125A maxi and water exits, beaconing spotlight 12V with diffuser, with meters, management and ventilation, door on invisible hinges, opening rooftop.

Reinforced	HxWxD ⁽¹⁾ overall		Depagne
Riviera 100R	1000x430x210	équipable électricité/eau	443 100 00
Riviera 200R	1200x430x210	équipable électricité/eau	443 200 00
Riviera 201R	1200x430x320	équipable électricité/eau	443 201 00
Riviera 211R	1200x680x320	équipable électricité/eau	443 211 00
Riviera 202R	1200x430x420	équipable électricité/eau	443 202 00
Riviera 212R	1200x680x420	équipable électricité/eau	443 212 00
Riviera 222R	1200x830x420	équipable électricité/eau	443 222 00
Riviera 332R	1316x905x435	équipable électricité/eau	443 332 00

Equipment: beaconing, lighting, electricity and water equipment, see page 178



(1) HxWxD: Height x Width x Depth
 Dimensions in mm.

PEDESTALS for marinas (continued)



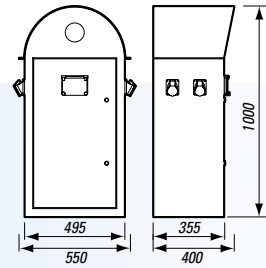
The stainless steel

Sourcinox 18 stainless steel

Depagne

Can be equipped for electricity/water **403 008 00**

Equipment: beacons, lighting, electricity and water equipment, see page 178

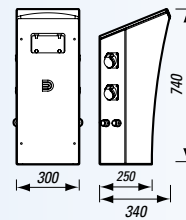


Sourcinox 28 stainless steel

Depagne

Can be equipped for electricity/water **404 008 00**

Equipment: beacons, lighting, electricity and water equipment, see page 178

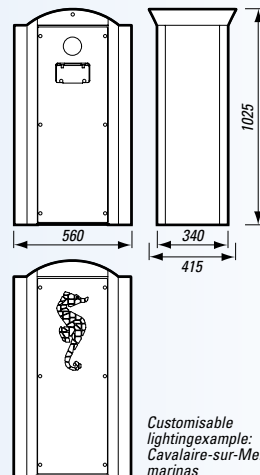


Sourcinox 38 stainless steel

Depagne

Can be equipped for electricity/water **405 008 00**

Equipment: beacons, lighting, electricity and water equipment, see page 178



Robust
tamper-
proof
Stylish,
customisable

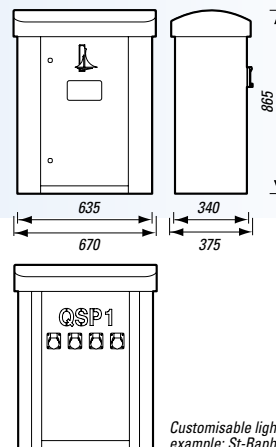


Sourcinox 48 stainless steel

Depagne

Can be equipped for electricity/water **406 008 00**

Equipment: beacons, lighting, electricity and water equipment, see page 178

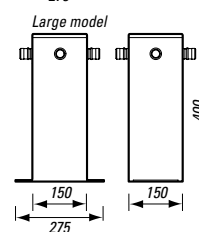
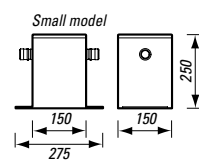


Dual tone,
2 tones
Corten steel
and brushed
stainless
steel

Sourcinox 4 stainless steel



		Depagne
Sourcinox 4 small model	equipped with 2 1/4 turn taps	400 452 00
Sourcinox 4 small model	equipped with 2 Depagne quick-release couplings	400 462 00
Sourcinox 4 large model	equipped with 4 1/4 turn taps	400 454 00
Sourcinox 4 large model	equipped with 4 Depagne quick-release couplings	400 464 00



Sourcevac water distribution pedestals with trough

See page 185.



Sourcelec Escale 196 pedestal, marin marina, Martinique



High capacity PEDESTALS



The essentials



Sourcelec Rivage 788 white
Depagne

Can be equipped for electricity/water **478 208 00**

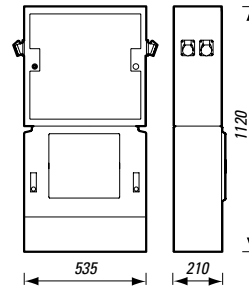
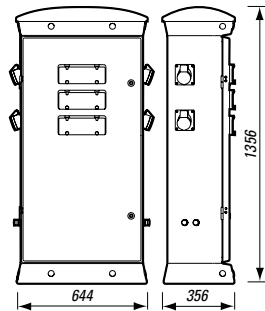
Equipment: beaconing, lighting, electricity and water equipment, see page 178



Sourcelec 460 ivory
Depagne

Can be equipped for electricity/water **446 008 00**

Equipment: beaconing, lighting, electricity and water equipment, see page 178





Sourcinox 48 large model stainless steel

Depagne

Can be equipped for electricity/water **406 208 00**

Equipment: beaconing, lighting, electricity and water equipment, see page 178

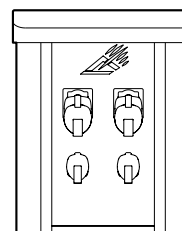
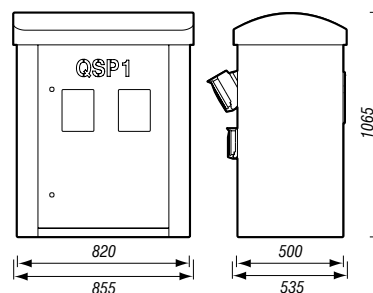


Dual tone

2 tones: corten steel and brushed stainless steel.

Modular on request

Equipment on removable drawer to change the power easily depending on the vessel.



Customisable lighting
example: Cannes marinas

The classics

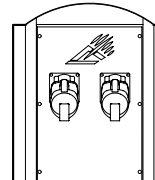
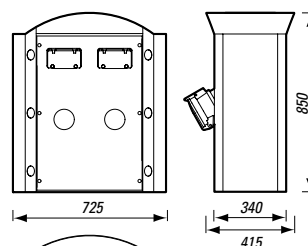


Sourcinox 38 large model stainless steel

Depagne

Can be equipped for electricity/water **405 208 00**

Equipment: beaconing, lighting, electricity and water equipment, see page 178



Customisable lighting
example: Nice marinas

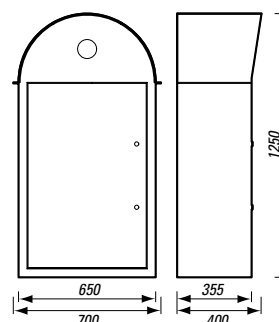


Sourcinox 18 large model stainless steel

Depagne

Can be equipped for electricity/water **403 208 00**

Equipment: beaconing, lighting, electricity and water equipment, see page 178



PEDESTALS for technical areas



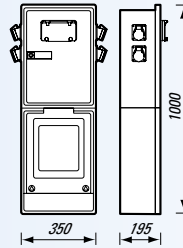
The essentials

Sourcelec 248 ivory

Depagne

Can be equipped for electricity/water **424 808 00**

Equipment: beaconing, lighting, electricity and water equipment, see page 178



Safety

Enclosure made of GRP (fiberglass reinforced polyester) with integrated and self-extinguishing isophthalic gel coat. Inviolability of the pedestal thanks to quarter-turn key locks.



Expenses

Energy saving through low voltage lighting. Management with controls: dot, button or RFID badge reader.

Comfort

Door fitted with stainless steel hinges. Double compartment electricity/water. Inner fixings.

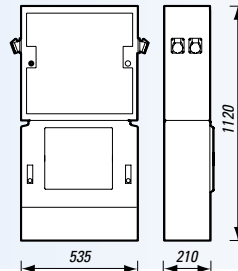


Sourcelec 460 ivory

Depagne

Can be equipped for electricity/water **446 008 00**

Equipment: beaconing, lighting, electricity and water equipment, see page 178



High resistance to external attack



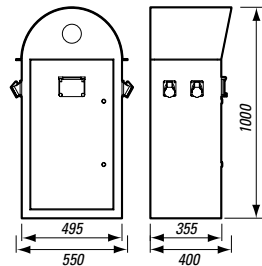
The classic

Sourcinox 18 stainless steel

Depagne

Can be equipped for electricity/water **403 008 00**

Equipment: beaconing, lighting, electricity and water equipment, see page 178





Sourcelec 196 and 390 pedestals, docking area, Martinique

Tailor-made stainless steel PEDESTALS



Tailor-made stainless steel pedestals for electricity and water distribution.

Learning from our previous port experience relative to stainless steel enclosures, we can propose various customizations and applications according to your requirements.

Examples of applications:

- high power electricity supply,
- management of energies,
- high pressure system...

Consult us for a complete and detailed study according to your needs.



Sourcinox 58 with high power sockets, modular compartments



Sourcinox 58 with management system of energies and washing system



Sourcinox 58 with high-pressure double system



Tailor-made polished mirror stainless steel pedestals for electricity and water distribution.

Along with our new range of RIVIERA Sourcinox, we apply the polished mirror innovation on some models.

Examples of applications:

- high power electricity supply,
- wastewater collection system...

Consult us for a complete and detailed study according to your needs.



Monaco marina

Polished Sourcinox 58 mirror with high power sockets



Monaco marina

Polished mirror stainless steel cabinet with black water sewer

Tailor-made stainless steel BOXES



Tailor-made stainless steel boxes for electricity and water distribution.

We can adapt the cabinet's dimensions according to your requirements, proposing you the following options:

- access door with cable-guide hatch,
- multi-compartment cabinet,
- built-in cabinet,
- front façade fixing of the cabinet.

Consult us for a complete and detailed study according to your needs.



Stainless steel cabinet with sockets, front façade fixing



Stainless steel cabinet with sockets and DN40 system



Stainless steel cabinet with built-in double compartment

High flow PEDESTALS



High-flow water distribution pedestal for cruise ships, fishing boats and large marine units.

Allows distribution and rapid filling of water tanks, up to 20 m³/hour.

The high flow system can be supplemented with electronic management of fluids with actual metering (litres, m³...) and a valve with fire hose type connection.

The high-flow system can be housed in the following types of enclosures:

- high capacity Sourcinox and Sourcelec pedestals,
- large size polyester cabinets.

Consult us for a complete and detailed study according to your needs.



High capacity Sourcinox pedestal



Large size polyester cabinet

Riverside PEDESTALS



The durability, reliability and large capacity of our riverside Sourcelec range perfectly meet the needs of operators and the comfort of users.

Convince boaters to stop and spend money

Boaters can cross your city without stopping OR can be attracted and thus stop and spend money. Several factors can contribute to this:

- make the banks of the water course attractive,
- provide all the necessary information about the attractions of your city (museums, shops, restaurants...),
- provide good moorings and equipped docks,
- provide all the facilities needed for a good stay: water, electricity, bins and drainage systems.

We can help you develop or design your stopovers, thanks to our extensive experience in river and recreational boating and our knowledge of boaters' needs.

They will not only want to stay but will intentionally come into your town because they will find all the services they need.





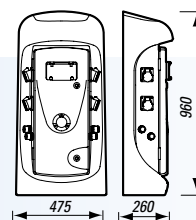
The essentials

Sourcelec Escal 156 white

Depagne

Can be equipped for electricity/water **415 608 00**

Equipment: beaconing, lighting, electricity and water equipment, see page 178

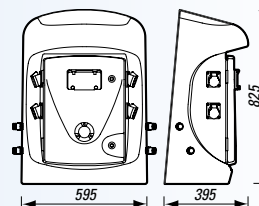


Sourcelec Escal 266 white

Depagne

Can be equipped for electricity/water **426 608 00**

Equipment: beaconing, lighting, electricity and water equipment, see page 178

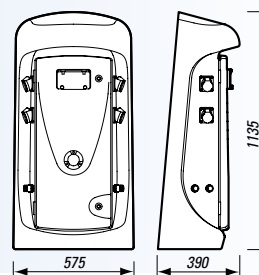


Sourcelec Escal 196 white

Depagne

Can be equipped for electricity/water **419 608 00**

Equipment: beaconing, lighting, electricity and water equipment, see page 178



Provide an essential service

Providing pumping stations on waterways is now essential because river traffic is constantly increasing, and it is prohibited to throw waste of any kind into the waterway.

Why essential?

Not just to comply with environmental legislation but also to demonstrate that your town has a responsible and environmentally friendly reception area.

Boats must keep their waste water on board (black and grey).

If your town has this type of installation, they will choose to stop in your town rather than in another.

Like the water and electricity supply, pumping systems are essential to increase the number of visitors to rivers and canals.

Riverside PEDESTALS (continued)

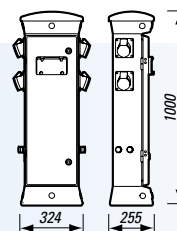


The essentials (continued)

Sourcelec Rivage 159 white Depagne

Can be equipped for electricity/water **415 208 00**

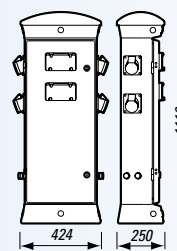
Equipment: beacons, lighting, electricity and water equipment, see page 178



Sourcelec Rivage 199 white Depagne

Can be equipped for electricity/water **419 208 00**

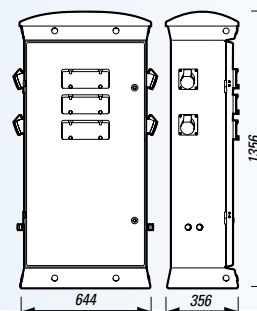
Equipment: beacons, lighting, electricity and water equipment, see page 178

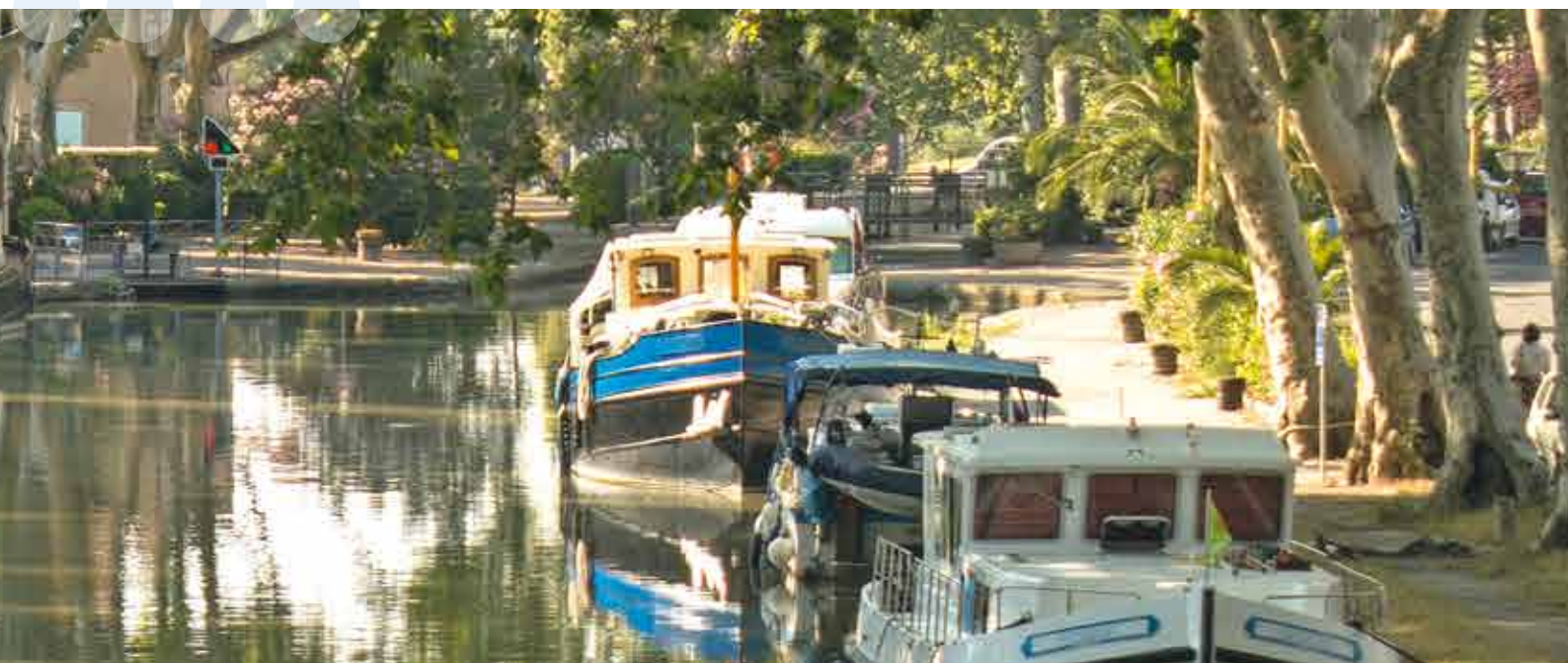


Sourcelec Rivage 788 white Depagne

Can be equipped for electricity/water **478 208 00**

Equipment: beacons, lighting, electricity and water equipment, see page 178





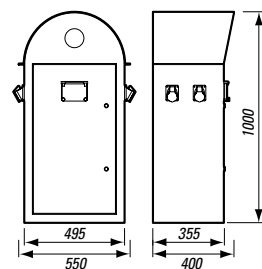
The classics

Sourcinox 18 stainless steel

Depagne

Can be equipped for electricity/water **403 008 00**

Equipment: beaconing, lighting, electricity and water equipment, see page 178

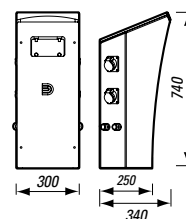


Sourcinox 28 stainless steel

Depagne

Can be equipped for electricity/water **404 008 00**

Equipment: beaconing, lighting, electricity and water equipment, see page 178



Sourcevac water distribution pedestals with trough

See page 185.

Camp site PEDESTALS



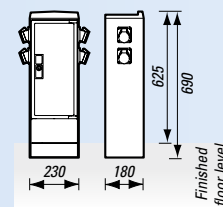
Safety

Self-extinguishing enclosure made of GRP (fiberglass reinforced polyester) providing a better stiffness of the pedestal. Inviolability of the pedestal thanks to its embedded door, with key lock and without the reset hatch.



Sourcelec 218 ivory

Power supply.
1 access door.
Compact pedestal.



Depagne

Equipped	2 sockets 2P+E 16A IP44	421 008 20
	4 sockets 2P+E 16A IP44	421 008 40

Equipment: beaconing, lighting, please see page 179

Our pedestals bring high added value to camp/caravan site managers, enabling them to retain their customers and meet their needs.

Our pedestals provide all the necessary facilities for an enjoyable stay:

- power distribution,
- water distribution,
- low consumption lighting/beaconing for access areas and plots,
- electronic management of fluids and/or power outlets.

In addition to standard equipment, we offer you a management system adapted to your pedestals with several solutions:

- pedestal access control,
- distribution countdown (timer),
- invoicing,
- monitoring of cards/badges,
- monitoring of tokens and tickets.

The essentials



Sourcevac water distribution pedestals with trough

See page 185.



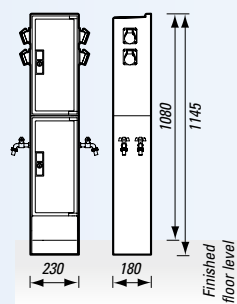
Comfort

Door fitted on reinforced hinges for a longer life span.
Cable passages make easier the electrical connection, in the bottom of the box.
Ground fixing (buried or an existing slab).



Expenses

Energy saving through low voltage lighting.
Management with controls: dot, button or RFID badge reader.



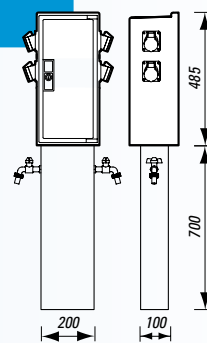
Sourcelec 238 ivory

Power and water supply.
2 access doors.
Double compartment.

Depagne

Equipped	2 sockets 2P+E 16A IP44 + 2 taps 1/4 turn	423 008 20
	4 sockets 2P+E 16A IP44 + 2 taps 1/4 turn	423 008 40
	2 sockets 2P+E 16A IP44	423 008 21
	4 sockets 2P+E 16A IP44	423 008 41

Equipment: beaconing, lighting, please see page 179



Sourcelec 208 ivory

Power and water supply.
1 access door.
316 stainless steel stand.

Depagne

Equipped	2 sockets 2P+E 16A IP44 + 2 taps 1/4 turn	420 008 20
	4 sockets 2P+E 16A IP44 + 2 taps 1/4 turn	420 008 40
	2 sockets 2P+E 16A IP44	420 008 21
	4 sockets 2P+E 16A IP44	420 008 41

Equipment: beaconing, lighting, please see page 179



Resistance/watertightness
Equipment
Lighting option
Style/customisation
Accessibility
Stability/rigidity
Wide range of colours



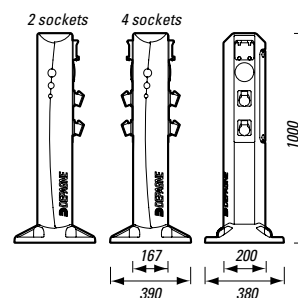
The classic

Sourcelec 108 white

Depagne

Equipped	2 IP44 16A 2P+E sockets on stainless steel plate (right side)	410 828 00
	4 IP44 16A 2P+E sockets on 2 stainless steel plates (2 sockets on each side)	410 848 00

Equipment: beaconing, lighting, please see page 179



Sourcelec and Sourcinox EQUIPMENT

Electrical equipment and electric accessories

IP44 socket



IP67 socket



IP66/67 socket



			Depagne
Power socket kit, supplied in bulk	2P+E	inclined 16A IP44 + 16A Ph+N circuit-breaker with 30mA differential protection	941 110 00
		inclined padlockable 16A IP44 + 16A Ph+N circuit-breaker with 30mA differential protection	942 210 00
		straight 16A IP67 + 16A Ph+N circuit-breaker with 30mA differential protection	947 216 00
		inclined 32A IP44 + 32A Ph+N circuit-breaker with 30mA differential protection	942 102 00
		straight 32A IP67 + 32A Ph+N circuit-breaker with 30mA differential protection	947 232 00
		straight 32A IP66/67 MARECHAL® + 32A Ph+N circuit-breaker with 30mA differential protection	942 132 00
		straight 63A IP55 PSK (contactor) + 63A Ph+N circuit-breaker with 30mA differential protection	942 104 00
		straight 63A IP66/67 MARECHAL® + 63A Ph+N circuit-breaker with 30mA differential protection	942 108 00
		straight 125A IP66/67 MARECHAL® + 125A Ph+N circuit-breaker with 30mA differential protection	942 109 00
		3P+E	inclined 32A IP44 + 3x32A circuit-breaker with 30mA differential protection
straight 32A IP67 + 3x32A circuit-breaker with 30mA differential protection	947 332 00		
3P+N+E	inclined 16A IP44 + 4x16A circuit-breaker with 30mA differential protection	942 121 00	
	straight 16A IP67 + 4x16A circuit-breaker with 30mA differential protection	947 416 00	
	inclined 32A IP44 + 4x32A circuit-breaker with 30mA differential protection	942 122 00	
	straight 32A IP67 + 4x32A circuit-breaker with 30mA differential protection	947 432 00	
	straight 32A IP66/67 MARECHAL® + 4x32A circuit-breaker with 30mA differential protection	947 532 00	
	inclined 63A IP67 PSK (contactor) + 4x63A circuit-breaker with 30mA differential protection	947 463 01	
	straight 63A IP67 PSK (contactor) + 4x63A circuit-breaker with 30mA differential protection	947 463 00	
	straight 63A IP66/67 MARECHAL® + 4x63A circuit-breaker with 30mA differential protection	947 563 00	
	inclined 125A IP67 PSK (contactor) + 4x125A circuit-breaker with 30mA differential protection	947 525 01	
	straight 150A IP66/67 MARECHAL® + 4x125A circuit-breaker with 30mA differential protection	947 550 00	
straight 250A IP66/67 MARECHAL® + 4x250A circuit-breaker with 30mA differential protection	947 650 00		
1 x 16A terminal block feeder kit with protection, supplied mounted			922 051 00
EC French standard 16A 2P+E adaptor			905 250 00
Power socket kit, supplied mounted	2P+E	straight 16A IP44 NF + 16A Ph+N circuit-breaker with 30mA differential protection	941 110 02
		straight 16A IP67 NF + 16A Ph+N circuit-breaker with 30mA differential protection	947 216 01
		inclined 16A IP44 Hypra + 16A Ph+N circuit-breaker with 30mA differential protection	941 110 01
		inclined 32A IP44 Hypra + 32A Ph+N circuit-breaker with 30mA differential protection	942 102 01
		inclined 32A IP44 Hypra + 4x32A circuit-breaker with 30mA differential protection	942 122 01
Socket kit, supplied mounted	3P+N+E	RJ45 socket kit category 6 in PLEXO IP55 box	944 005 00
		24V power socket	941 125 00
2 poles 24V plug			905 335 42

Water distribution



			Depagne	
Plumbing kit, supplied mounted	1 - 1/4 turn tap		943 101 00	
		with meter	943 111 00	
		2 - 1/4 turn taps		943 102 00
			with incoming cable 1m	943 102 01
			with meter	943 112 00
		with electrovalve	943 122 00	
	with electrovalve and flow-meter	943 132 00		
	4 - 1/4 turn taps		943 104 00	
		with incoming cable 1m	943 104 01	
		with meter	943 114 00	
		with electrovalve	943 124 00	
		with electrovalve and flow-meter	943 134 00	
Plumbing kit, supplied mounted		1 quick coupling		943 201 00
	with meter		943 211 00	
	2 quick couplings		943 202 00	
		with incoming cable 1m	943 202 01	
		with meter	943 212 00	
		with electrovalve	943 222 00	
		with electrovalve and flow-meter	943 232 00	
		with electrovalve and flow-meter	943 204 00	
	4 quick couplings		943 204 01	
		with incoming cable 1m	943 204 01	
		with meter	943 214 00	
		with electrovalve	943 224 00	
with electrovalve and flow-meter		943 234 00		
with electrovalve and flow-meter		943 234 00		

Beaconing and lighting

Beaconing - 12 V LED SPOTLIGHT (white or blue)

Light output: 10 lumens.
4 self-shielded SMD LEDs.

Lifespan:
- 50,000 hours at 25 °C,
- 1000 hours at 70 °C.

Power supply cable:
- 2-pin connector,
- 2 x 1.5 mm² cross-section.

Power supply:
- 85/265 VAC - 50/60 Hz,
- consumption 2.5 W for 10 spotlights.

Depagne

Beaconing kit with 12-V power supply and protection, supplied installed	white diodes	2 spotlights	920 211 00
		3 spotlights	920 311 00
		4 spotlights	920 411 00
	blue diodes	2 spotlights	920 212 00
		3 spotlights	920 312 00
		4 spotlights	920 412 00
Light sensor kit, supplied installed		6 spotlights	920 612 00
			920 019 00

Lighting - LAMPLED 230 VAC (white or blue)

Light output: 300 lumens/W.
Electrical power: 1.2 W.
20 self-shielded SMD LEDs.

Lifespan:
50,000 hours at 25 °C.

Power supply cable:
- Length 1.15 m,
- 2 x 1.5 mm² cross-section.

Integrated power supply: 230 VAC.

Depagne

Exterior lighting/beaconing kit 1 x 230-V LAMPLED white diodes with protection, supplied installed		920 006 00
1 x 230-V LAMPLED, delivered in bulk with nut	white diodes	920 002 00
	blue diodes	920 002 00 BE
Analog twilight switch with light sensor kit, supplied mounted		920 020 00

Beaconing and sensing lighting

ELDI LAMPLED lighting kit with infrared detectors

LAMPLED providing diffusing light with 2 power levels, in order to upgrade lighting and consumption.

It is equipped with infrared detectors allowing to remain on standby mode, if nobody is nearby, avoiding therefore an overconsumption.

Long life LED lighting (efficiency 110 Lm/W, cool white 5000 K).

2 lighting modes: **standby and maximum mode** (presence sensing).

Motion detection by 2 infrared sensors (4 m range on each side) in anodised aluminium.

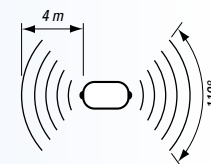
Electronics integrated in the lamp without any external additional module.

Direct supply 230V AC by bare cable 2x0.5 mm².

IP 67 protection (electronics embedded in protection resin).

Operating temperature: from -20°C to +60°C)

No connector (cable length: sensors 0.7 m, power cable 1.5 m).



Depagne

ELDI kit, 1 LAMPLED, white diodes 230V with protection and 2 motion infrared sensors, supplied mounted	920 008 00
--	------------



Long life LED

2 lighting modes

Integrated electronics

Rapid installation



Sourcelec and Sourcinox EQUIPMENT

(continued)

Electronic management

Management equipment (electricity and water)

		Depagne	
Push-button switch kit, supplied mounted	red LED	922 010 02	
	blue LED	922 010 03	
Reader of eButton electronic keys kit, supplied mounted		922 010 07	
Water flow-meter with impulsion 15/21 (30 L/min.) kit, supplied mounted		905 930 00	
Electrovalve 15/21 (230V/50Hz) kit, supplied mounted		905 931 00	
Modular time-delayed relay 16A kit, supplied mounted		922 030 00	
Water meter 2.5 m ³ /h (AQUARIUS V3) kit, supplied mounted		478 860 10	
Modular meter kit, supplied mounted	single-phase 5 to 32A (SAIA) 1 module	478 860 30	
	direct single-phase 63A (SOCOME E10A) 2 modules	478 860 31	
	three-phase 63A (SOCOME E20) 4 modules	478 860 41	
	three-phase with TC 125A (SOCOME E40) 4 modules	478 860 42	
	three-phase with TC 250A (SOCOME E40) 4 modules	478 860 43	
Contactor kit, supplied mounted	two-pole	2x25A	922 022 25
		2x40A	922 022 40
		2x63A	922 022 63
	four-pole	4x40A	922 024 40
		4x63A	922 024 63
		4x125A	922 024 90
		4x250A	922 024 91
	4x400A	922 024 92	
Frost protection maintenance (2 m of heater ribbon) for water circuit kit, supplied mounted		478 860 20	
Customized label for "pedestal marking" kit, supplied mounted		950 001 05	



Sourcelec 278 pedestal

Type of management (by pedestal)

		Depagne
Mechanical coiner with token kit, supplied mounted		905 275 00
Management module kit, supplied mounted	VEGA-MK1	922 020 01
	OSCAR (remote reading)	922 014 00
	OSCAR MAX (remote reading)	922 016 00
	ATRIA-MINU	922 031 00
	ATRIA-MK1	922 032 00



Sourcelec 199 pedestal and pile caps

Accessories

		Depagne
RFID reader and badge support kit, supplied mounted		922 020 05
Terminal PILOT for ATRIA autonomous management		922 039 00
Management software (OSCAR Manager Software) for OSCAR module		922 010 00
OSCAR management, radio module 868 Mhz or Ethernet USB interface		922 009 00
Encoder of eButton electronic keys or RFID electronic badges		478 852 00
Set of 100 eButton electronic keys or RFID electronic badges		478 870 00
LOGAPASS management software (access and energy)		478 850 00
Commissioning of a Sourcelec or Sourcinox pedestal with management		478 857 00



Management module



Electronic key and badge



Meije box, Ajaccio marina, Corse

Metal lock

with key



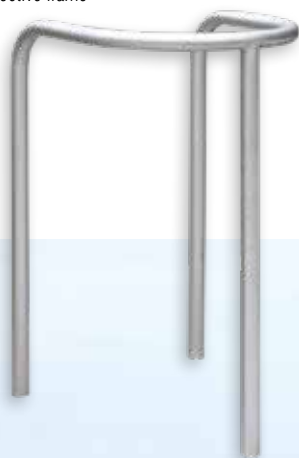
with key bit



East European half-moon type plastic lock



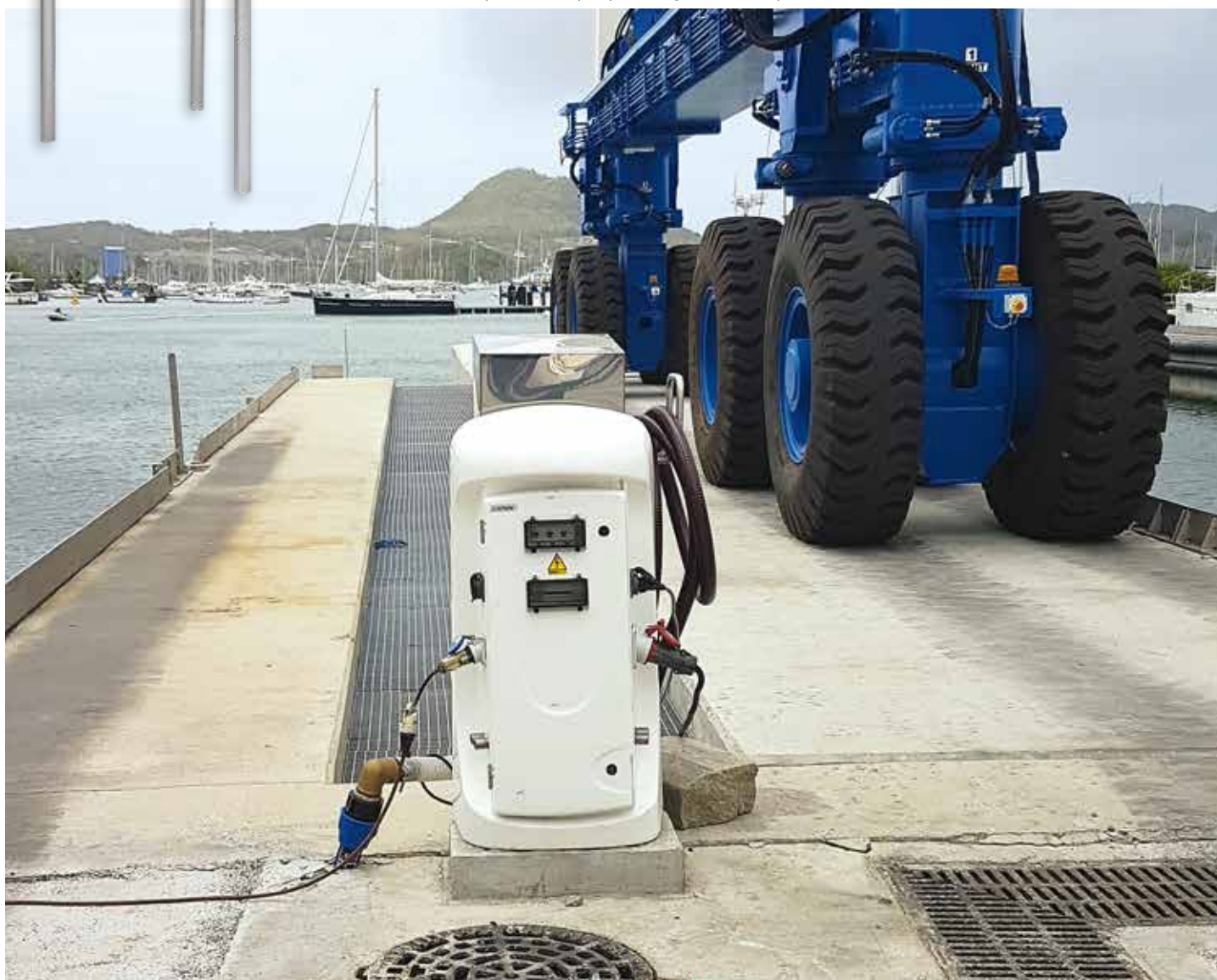
Protective frame



Accessories

		Depagne	
Metal lock kit, supplied mounted	with RONIS key	405 911B	954 082 00
		405 911C	954 082 01
		455 911B	954 082 02
		455 911C	954 082 03
	with EMKA key bit		954 088 00
East European half-moon type plastic lock with cam kit, supplied mounted			954 094 00
8 modules rearming hatch kit, supplied mounted			941 200 00
Stainless steel protective frame		1020x600x600	922 000 00
Specific paint kit for other enclosure (colour to be defined), supplied mounted			954 107 00
Specific gel-coat finishing for polyester enclosures (colour to be defined)			954 108 00

Sourcelec Escale 196 pedestal and pump, docking area, Martinique



Safety PEDESTALS

Installed near risk fire areas, this equipment provides the protection of the extinguisher against external aggressions.

Equipment made of fiberglass-reinforced polyester with integrated isophthalic gel coat surfacing, self-extinguishing at 850°C.
 Protection degree: IP 44 - IK 10.
 High resistance to UV, infrared, external aggressions and humidity.
 Standard colour: red.
 Closing - Door fitted on hinged stainless steel hinges,
 - Locking by 2 ¼ turn, burglar-proof and stainless locks.



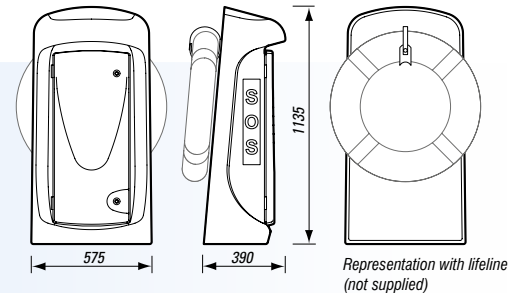
+
 Lifebuoy support at the back (buoy not supplied).
 SOS side marking

Fire pedestals

Sourcelec 196 red

Equipped with buoy support and 2 SOS lateral labels.

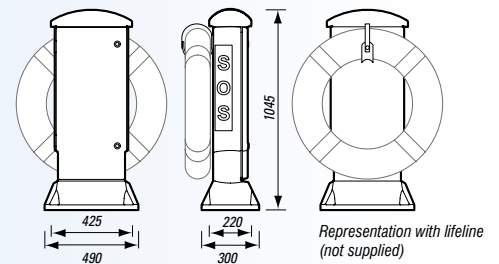
	Depagne
Sourcelec 196	419 611 00



Sourcelec 199 red with red cap

Equipped with buoy support and 2 SOS lateral labels.

	Depagne
Sourcelec 199	419 101 00



Accessories

	Depagne
Lighting kit for 1 x 230V LAMPLED, red diodes, with protection, supplied mounted	920 007 00
Stainless steel piping kit DN40 for dry riser, supplied mounted	951 006 00



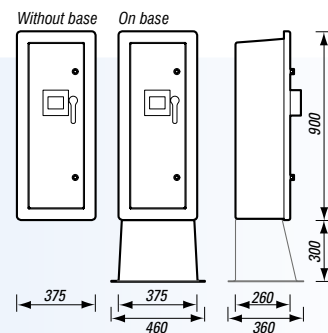
+
 Fitted with an emergency box, including the key for box opening.

Pedestals for extinguisher

Sourcelec 880 red

Fitted with emergency box and 1 extinguisher's location.

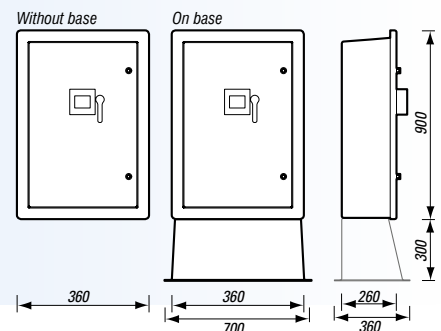
	Depagne
Sourcelec 880 without base	488 001 00
on red polyester base	488 000 00



Sourcelec 882 red

Fitted with emergency box and 2 extinguisher's location.

	Depagne
Sourcelec 882 without base	488 201 00
on red polyester base	488 200 00



SIGNAGE

Beaconing and marking pedestals

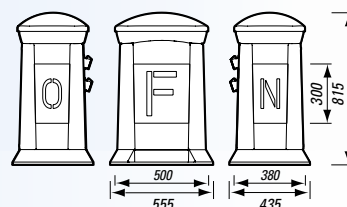


Beaconing and end-of-pontoon marking.

Cut stainless steel sheets with light-diffusing sheet made of white unbreakable polycarbonate/ABS. Cut to order.
Mounted on the ground.

Depagne

Sourcelec 2008 equipped with stainless steel sheets with custom cuts	402 308 00
--	-------------------



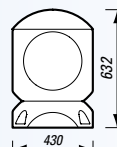
Sourcelec 888 white with blue cap and base

Beaconing and end-of-pontoon marking.

Unbreakable white polycarbonate/ABS diffuser.
Black marking sticker 4 sides (1 letter per side), other marking on demande.
The pedestal is equipped with a 230V LAMPLED with protection.
Mounted on the ground or a mast (not supplied).

Depagne

Sourcelec 888 globe with cap on base	488 880 00
globe with mounting for mast (not supplied)	488 881 00



Conical pile caps white

Provides piles with a water-tight finish.

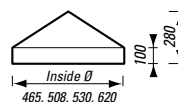
Conical pile cap made of thermoformed ABS.
Pile diameters: 465 mm, 508 mm, 530 mm, 620 mm,
730 mm, 775 mm, 813 mm, 830 mm, 914 mm, 930 mm,
1035 mm.

Standard white colour, other colours on request.

Conical pile caps, Ø 465 to 620 mm white

Depagne

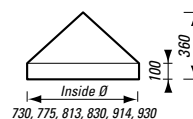
Conical pile cap	pile Ø 465 mm	721 079 40
	pile Ø 508 mm	721 079 50
	pile Ø 530 mm	721 079 51
	pile Ø 620 mm	721 079 61



Conical pile caps, Ø 730 to 930 mm white

Depagne

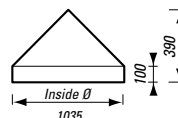
Conical pile cap	pile Ø 730 mm	721 079 71
	pile Ø 775 mm	721 079 72
	pile Ø 813 mm	721 079 80
	pile Ø 830 mm	721 079 81
	pile Ø 914 mm	721 079 90
	pile Ø 930 mm	721 079 91



Conical pile caps, Ø 1035 mm white

Depagne

Conical pile cap	pile Ø 1035 mm	721 079 00
------------------	----------------	-------------------



Water distribution PEDESTALS

Sourcinox and Sourcelec water distribution pedestals

This equipment is designed to supply water to boats moored in marinas.

Equipped with 2 or 4 taps/quick-release couplings with outlet 20/27.

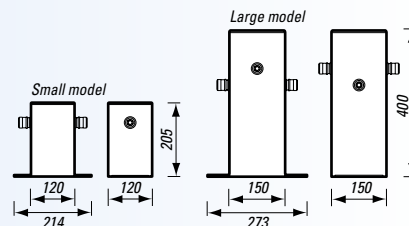
Feed pipe on 15/21 union. Shut-off valve possible.

Option: outlet with fire-hose type coupling.



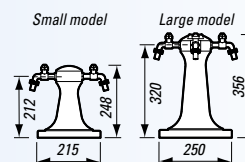
Sourcinox 4 stainless steel

		Depagne
Sourcinox 4 small model	equipped with 2 1/4 turn taps	400 452 00
	equipped with 2 Depagne quick-release couplings	400 462 00
Sourcinox 4 large model	equipped with 4 1/4 turn taps	400 454 00
	equipped with 4 Depagne quick-release couplings	400 464 00



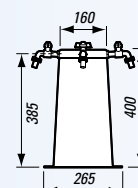
Sourcelec 8 white concrete/resin

		Depagne
Sourcelec 8 small model	equipped with 2 1/4 turn taps	400 802 00
	equipped with 2 Depagne quick-release couplings	400 812 00
Sourcelec 8 large model	equipped with 4 1/4 turn taps	400 804 00
	equipped with 4 Depagne quick-release couplings	400 814 00



Sourcelec 10 white

		Depagne
Sourcelec 10	equipped with 2 1/4 turn taps	401 020 00
	equipped with 2 Depagne quick-release couplings	401 021 00
	equipped with 4 1/4 turn taps	401 040 00
	equipped with 4 Depagne quick-release couplings	401 041 00



Sourcinox 4 pedestal, Ajaccio marina, Corse



Sourcelec 8 pedestal

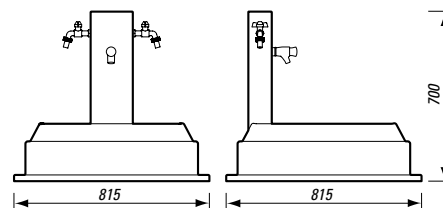


Sourcevac water distribution pedestals with trough

Stainless steel 316 L column with access hatch in the back.
 Stone grey polyethylene box with general connection on inner Ø 100 hose.
 Equipment at the user's choice:
 - removable plastic grid for waste water coupling,
 - stainless steel 316 L trap door with handle for motorhome draining.

Sourcevac grey

	Depagne
Stainless steel column equipped 2 taps ¼ turn and 2 self-closing tap	405 100 20
Sourcevac trough equipped with plastic grid	405 040 00
Sourcevac trough equipped with stainless steel hatch	405 041 00



SERVICE POINTS for camper vans

Our Sourcevac range can be used for distributing drinking water, draining waste water and waste collection.

Our range includes 3 models:

- Sourcevac: **drinking water distribution**,
- Sourcevac 100: **waste collection** (1 x 140 L waste bin or holder for 110 L bag not supplied),
- Sourcevac 300: **waste collection with selective sorting** (3 x 140 L waste bins or 1 x 500 L waste bin not supplied).

The service point facilities include:

- drinking water distribution (self-closing tap or quick coupling),
- drainage of waste water and rinsing of the Sourcevac pedestal and the chemical toilet cassette (self-closing rinsing tap),
- lighting for Sourcevac pedestal and troughs.

Consult us for a complete and detailed study according to your needs.



Pumping STATIONS

Our range can be used to extract waste water and bilge water from boats.



Simple to maintain for the operator
Easy access with removable door
Simple and reliable mechanical systems

Our pump range is made from materials which are resistant to salt-water corrosion with an outside frame made of 2 mm 316 L stainless steel. The main pump components are made of bronze. The front control panel of the pumping station can be customised: electronic management, coin slot...

Installation, electrical connections and sewage system connections must be carried out by qualified agents.

Standards

In compliance with standard NF ISO 8099-2000 relating to waste water from on-board sanitary facilities.

Application

The pumping station is supplied with a suction pipe with a length of 7.5, 10 or 15 m as standard and a suction coupling according to ISO standard 8099. The pumping station is mounted on the ground with 4 x 10 mm diameter stainless steel bolts (not supplied). To obtain the best use from your installation, contact our services to design the layout.

Installation

In a fixed installation, the waste water must be discharged either directly into the private or public waste water or sewage system or into a waste water storage tank. An oil separator must be installed on bilge water extraction systems before discharging it into the public sewage system. Under no circumstances must a shut-off valve be installed on the discharge circuit.

Mobile waste water and bilge water stations

Self-priming diaphragm pump. Dry-running. PE tank, 316 L stainless steel frame.

ISO 8099 deck plate with glass window.

Tank capacity: 200 litres

Maximum horizontal discharge length: 120 m

Maximum suction head: 6 m

Maximum discharge head: 15 m

Length of 2 hoses: 2x7.5 m

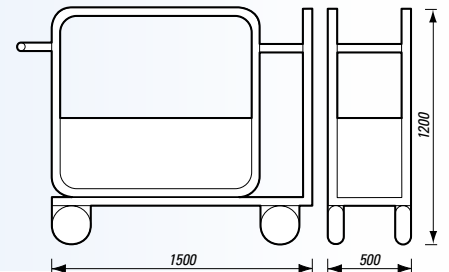
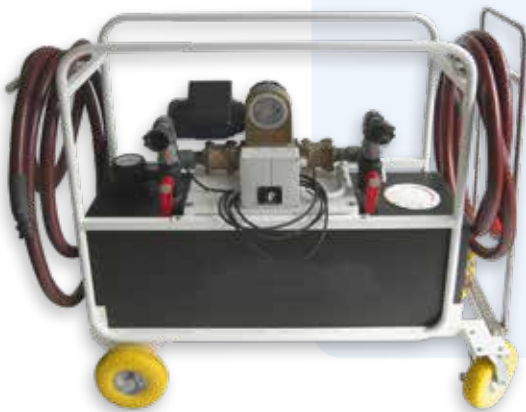
Motor: 230 or 400 V, 750 W

Weight: 80 kg

LSM60W

Depagne

Waste water	60 L/minute, 230 V	479 350 00
Bilge water	60 L/minute, 400 V	479 352 00



Waste water and bilge water stations

Self-priming diaphragm pump. Dry-running.

Polished 316 L stainless steel enclosure (mirror finish).

Maximum horizontal discharge length: 120 m

Maximum suction head: 6 m

Maximum discharge head: 15 m

Hose length: 7.5 m

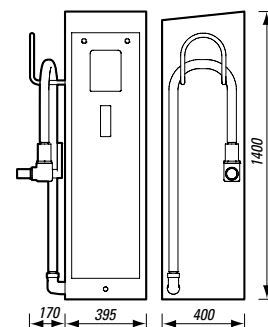
Motor: 230 V, 750 W

Weight: 95 kg

LS60W

Depagne

Waste water	60 L/minute, 230 V	479 310 00
Bilge water	60 L/minute, 230 V	479 312 00



Waste water stations



Peristaltic pump. Dry-running. Enclosure made of 316 L stainless steel.

Maximum horizontal suction length: 80 m

Maximum suction head: 9 m

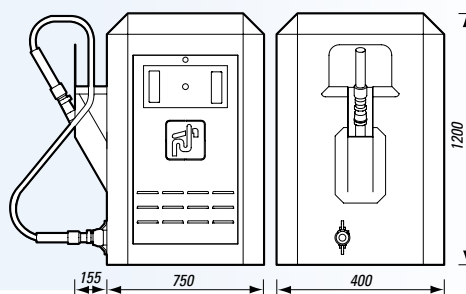
Maximum discharge head: 15 m

Hose length: 15 m

Motor: 230 V, 2.2 kW, 140 L/minute,
400 V, 3.6 kW, 300 L/minute

Weight: 295 kg

LS200W		Depagne
Waste water	140 L/minute, 230 V	479 330 00
	300 L/minute, 400 V	479 332 00



Combined waste water and bilge water stations, 2 pumps



2 self-priming diaphragm pumps. Dry-running. Enclosure made of 316 L stainless steel.

Maximum horizontal suction length: 120 m

Maximum suction head: 6 m

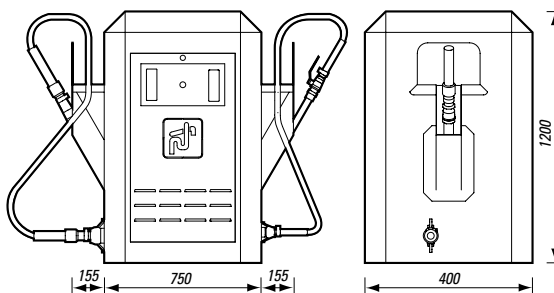
Maximum discharge head: 15 m

Length of 2 hoses: 10 and 15 m

Motor: 230 or 400 V, 2x750 W

Weight: 285 kg

LS160WB		Depagne
Combined waste water	50 L/minute, 230 V	479 320 00
and bilge water	50 L/minute, 400 V	479 322 00



Combined waste water and bilge water stations



Peristaltic pump. Dry-running. Enclosure made of 316 L stainless steel.

Maximum horizontal suction length: 150 m

Maximum suction head: 9 m

Maximum discharge head: 15 m

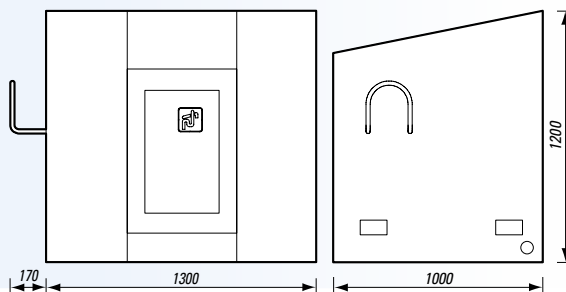
Length of 2 hoses: 10 and 15 m

Motor: 2x230 V, 2x2.2 kW (2x140 L/minute)

2x400 V, 2x3.6 kW (2x300 L/minute)

Weight: 285 kg

LS400WB		Depagne
Combined waste water	2x140 L/minute, 2x230 V	479 340 00
and bilge water	2x300 L/minute, 2x400 V	479 342 00



Accessories

For special vandal-proof kits, tarpaulins, deck plates, emergency markers, storage tanks, please contact the Depagne sales department.

INSTALLATION and MAINTENANCE of distribution pedestals

The 24 MONTHS WARRANTY will be valid from the date of signing of goods delivery receipt.

The installation and wiring will be done according to established electric safety standards (standard NF C 15-100 in general and Item 709 more precisely), by qualified staff and under the rules located below.

SHOULD THE OPPOSITE OCCUR, THE RESPONSIBILITY OF DEPAGNE WILL NOT BE BINDING.

General terms

Installation and wiring are carried out under the exclusive responsibility of the installer who is supposed to control necessary technical operations and to respect all rules.

Our equipment is certified conformable to established electric safety standards.

Each pedestal is controlled at the factory before shipment (water and electricity), if a problem occurs, please inform DEPAGNE as soon as possible.

Delivery of the material

The proceedings to implement in case of problem is mentioned on the fluorescent yellow sticker, **“Very important, claims at the time of delivery”**, stuck on each packaging.

Packaging

In order to prevent condensing, **remove the packing as soon as possible**.

Setting

The pedestal has to be securely fixed in the ground with **compulsorily** a flat washer for protection under the bolts (dowel or others...), parts not supplied.

If the pedestal is installed above a gully hole, it has to be **perfectly drained**.

The access door to the equipment has to be necessarily padlocked, the access to the equipment is strictly reserved to staff having the adapted electrical authorization.

Water circuit

Before connecting the pedestal, **drain completely the water network**, to remove the sand and other impurities, preventing the filter dirtying located on the shutoff valve.

Network maximum pressure, 5 bars.

Put the water circuit under pressure in order to **control the tightness before the switch-on**. After setting the equipment under pressure, please control tightening of the unions, moderate tightening, and change the seals in case of intervention.

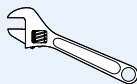
Do not put any heavy load on the taps, or any mechanical pulling.

Frost risk

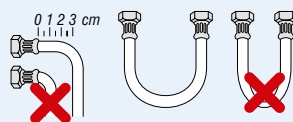
Drain completely the internal circuits of the pedestal, operation to remove all stagnant water sources from all water circuits parts (hoses, electrovalves, taps...).

Connection instructions of supply hoses

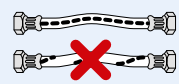
Moderate tightening.



Respect radius of curvature.



No twisting.



Electricity supply, electronic management

Before switch-on, please control connections tightening. Bad tightening would imply an abnormal heating of the circuits which could destruct the equipment.

In order to obtain the electric protection IP2X after door opening, the caps and insulated screens have to be set compulsorily on the terminals after wiring of the incoming cables.

For pedestals equipped with electronic management, the operating mode (forced march) is only intended for the installation of the pedestals, it is a temporary mode, to be banned over a long period of time, **because it may damage some components**.

Operating maintenance

Regular maintenance is necessary, **be careful of external pollution, chlorinated maintenance products, seaweed...** If necessary, use a cleaning thinner after testing it on a little surface of the pedestal.

Be careful, thinner to prohibit on transparent surfaces, access hatch, window, diffusing lights and diodes.

- *Polyester and stainless steel enclosure*: maintenance kits for polyester or stainless steel enclosures are available below.
- *Lighting*: regular cleaning of transparent surfaces (window, diffusing lights and diodes) with soapy water.
- *Locks and split hinges*: yearly maintenance, cleaning and neutral lubricant.
- *Stainless steel components, rivets, screws, piping, and so one...*: **regular cleaning to prevent rust formation, seaweeds and so on...**
- *Circuit breakers*: monthly control of the differential circuit breaker.
- *Connection terminals*: yearly control of terminals and earth connection cable tightening.
- *Miscellaneous*: **regular cleaning of the shut-off valve**.

The subscribing of a maintenance contract for these materials is strongly recommended, do not hesitate to contact our sales department.



Sourcinox 48 large model pedestal, Cannes CCI marina



Maintenance of Sourcelec and Sourcinox

Polyester maintenance kit

Maintenance kit polishing/buffing for polyester

Depagne

931 000 00



Stainless steel maintenance kit

Maintenance kit for cleaning stainless steel

Depagne

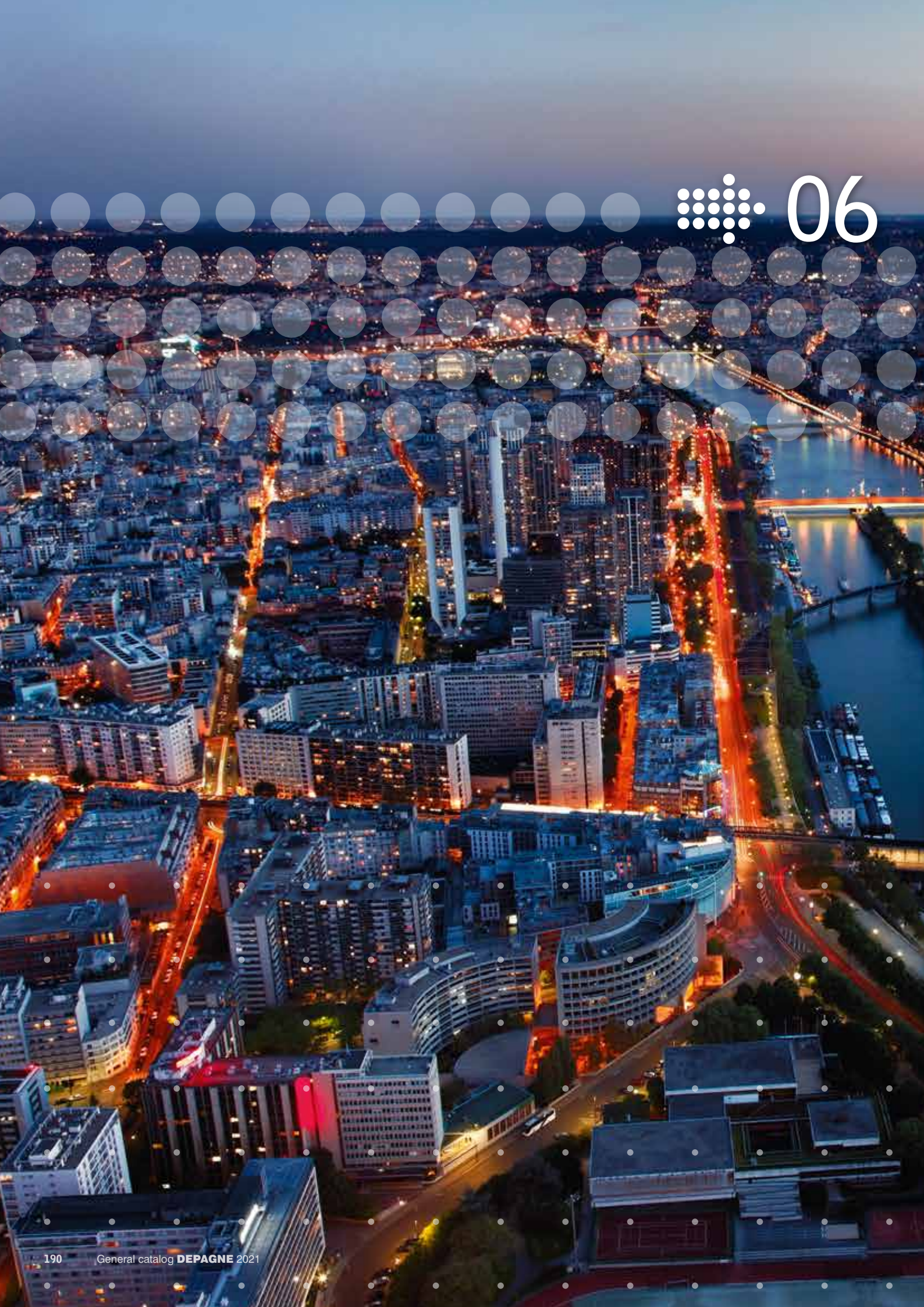
931 010 00

Frost protection kit for water system

Frost protection kit (heating cable) for water system, supplied mounted

Depagne

478 860 20



06

Cabinets

FOR ROAD SIGNAGE OUTDOOR LIGHTING OUTDOOR CABINETS AND BOXES

• Cabinets	192
• Aluminium cabinets	
Taillefer cabinets range	194
• Polyester cabinets and boxes	
Ecrins cabinets range	196
Chartreuse cabinets range	198
Belledonne cabinets range	200
Meije boxes range	202
Oisans boxes range	203
Alpes cabinets range	204
• Specific cabinets	
European cabinets range	205
CCV cabinets range	205
• Equipment for cabinets and boxes	206

CABINETS



Our range of polyester cabinets can be used for a wide range of applications such as: electricity, outdoor lighting, road signage, telecommunication, video communication, centralised management. This type of equipment is designed for outdoor use.



Technical characteristics

- Glass fibre reinforced polyester cabinets, with integrated isophthalic gelcoat. The gelcoat gives the product a finished look and protects it from UV and infrared rays and various types of damage.
- Glass mat (30%). Guarantees excellent mechanical strength: 20 joules.
- Anti-rot polyester resin, minimum thickness 3 mm.
- IP depending on the model. Watertight to rain and run-off water.
- Doors open to an angle of 180°. The corners are rounded and the enclosures are free from sharp, jutting edges. The metal elements are either made of rust-proof metal, or protected by electrolytic zinc coating.

Standards

- **NF EN 60439-5 of August 1996** with regard to low voltage switchgear equipment. Part 5: specific rules for equipment for outdoor installation in public places, switchgear equipment for distribution networks.
- **Article 8.2.10.3** requires a heat withstand test of 100°C, which only polyester can satisfy (PVC for example has a Vicat softening point under 80°C and therefore does not satisfy this requirement of this standard).



EQUIPMENT

Our aluminium range

- Aluminium metal cabinets designed for outdoor use. Ivory paint.
- Assembly of recyclable aluminium sheets with solvent-free powder paint.



Our polyester range

- Glass fibre reinforced polyester cabinets, with integrated isophthalic gelcoat.
- Glass mat (30%). Guarantees excellent mechanical strength: 20 joules.
- Anti-rot polyester resin, minimum thickness 3 mm.



Our CCV range

- Cabinets made of CCV, Glass fibre reinforced concrete, designed for outdoor use. Ivory coating.
- Metal reinforcement with CCV coating providing durability and high thermal inertia.



Standard equipment

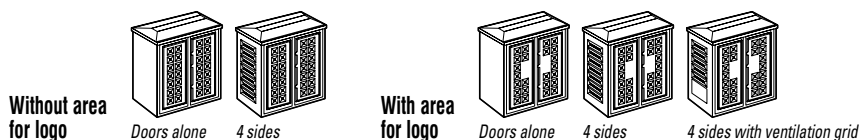
Equipment brackets frame with DIN rails or exterior grade plywood boards or perforated grids, fixed or removable frames.

Fixing Fixing on a wall: surface-mounted or built-in, on a post: with metal strip or bolts, on polyester or concrete base (concrete not supplied).

Standard closure locks: triangle 1/4 turn, padlockable, door opening on right side (hinges on the right and locks on the left).

Anti-graffiti the gelcoat prevents the penetration of graffiti inks into the polyester; graffiti can be cleaned and erased easily.

Anti-posting depending on the model, the door or the sides of the cabinet are protected from posting.



Mechanical data all our cabinets and boxes have an impact resistance of IK10 (20 J) in compliance with standard NFP 20551. The doors guarantee resistance to intrusion in compliance with standard NFP 20551.

Different models of door are available

- top-hung,
- hinged,
- reinforced plastics, stainless steel.

Standard colours  Ivory RAL 1015  Grey RAL 7010  other colour available, grey RAL 7035

Options Reinforced enclosure for improved resistance to intrusion, pre-wired equipment, interior lighting, ventilation, stainless steel fasteners, heating (heating resistor), document holder, door stop, hatch for routing cables, key lock, 3 points bar lock.

Aluminium CABINETS

Taillefer range

Aluminium cabinets

Aluminum cabinets designed for outdoor, conforming to a wide range of applications such as: electricity supply, outdoor lighting, road signage, telecommunication, video communication, centralized management...

Potential applications:

- cabinet with external sockets,
- cabinet with closed operation, with internal sockets and cable-gland traps,
- "stadium" type cabinet with 3 positions operation system,
- removable cabinet on frame.



Accessibility/Modularity

Lift-off hinge doors

- 1 door cabinet** - interchangeable opening left/right
- 2 doors cabinet** - removable central post, interchangeable compartments (asymmetrical version)

Tailor-made equipment

Board, DIN rail, perforated grid

Technical properties

High resistance, anti-corrosion, easy handling

100% RECYCLABLE

Applications street lighting, road signage, stallholders and markets...

Protection IP44, IK10.

Closure two 1/4 turn locks with 3 points closing, invisible hinges, door stop.

Fixing on concrete foundation or on a base.

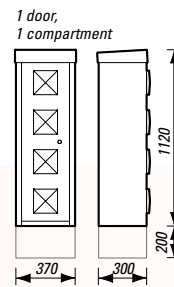


Taillefer cabinet, Saumur



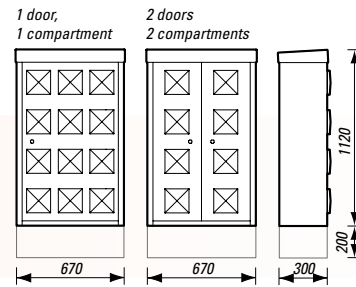
Taillefer 370 cabinet ivory

Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne
1100x370x300	937x250x221	1 anti-posting door (small door 300 mm)	652 115 00
200x370x300		ivory aluminium base	652 815 00



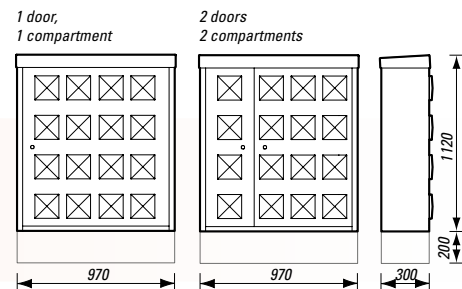
Taillefer 670 cabinet ivory

Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne
1100x670x300	937x550x221	1 anti-posting door (large door 600 mm)	652 116 00
1100x670x300	left: 937x245x221 right: 937x245x221	2 anti-posting doors (small door 300 mm)	652 216 00
200x670x300		ivory aluminium base	652 816 00



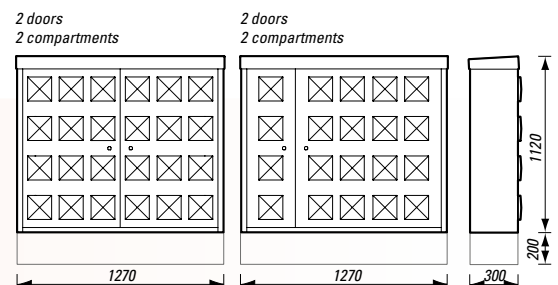
Taillefer 970 cabinet ivory

Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne
1100x970x300	937x850x221	1 anti-posting door (large door 900 mm)	652 117 00
1100x970x300	left: 937x245x221 right: 937x545x221	2 anti-posting doors (small door 300 mm + large door 600 mm)	652 217 00
200x970x300		ivory aluminium base	652 817 00



Taillefer 1270 cabinet ivory

Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne
1100x1270x300	left: 937x545x221 right: 937x545x221	2 anti-posting doors (large door 600 mm)	652 218 00
1100x1270x300	left: 937x245x221 right: 937x845x221	2 anti-posting doors (small door 300 mm + large door 900 mm)	652 219 00
200x1270x300		ivory aluminium base	652 818 00



Accessories

	Depagne
2 ventilation grids kit, supplied mounted	652 901 00
Deny/Thirard lock bracket kit for aluminium cabinet, supplied mounted	652 902 00
Smooth surface kit (door), supplied mounted	652 903 00
Specific finish kit (anti-graffiti)	652 904 00
Cable gland hatch kit on door, supplied mounted	652 906 00
Built-in box CIBE ivory kit, single-phase 60A, supplied mounted	652 908 00

(1) HxWxD: Height x Width x Depth
Dimensions in mm.

Polyester CABINETS and BOXES

Ecrins range

Modular signage and outdoor lighting cabinets and frames

Cabinets with modular metering and control frame for use in road signage.

The sides have an anti-posting surface.

Configurations possible for outdoor lighting, see page 95.

Applications road signage, outdoor lighting...

Protection IP44, IK10.

Closure - lock with retractable handle,
- triangle lock.

Fixing with integrated polyester base.

Equipment - with "agent" box (except 1 door cabinet),
- with opening side door (Enedis access),
- with door contact(s).

Standards

The standard NF C 14-100 "Low-voltage Mains Installations" of February 2008 defines:

- a CCPI (Single-pole Individual Main Cutout),
- a meter,
- an AGCP (Main Control and Protection Device) suitable for the powers (circuit-breakers).

Furthermore, Enedis specifies that only equipment approved by Enedis can be used for new connections in outdoor lighting, either:

- current CCPI boxes (CIBE, S20...),
- control panels (excluding CCPI function) made of synthetic materials with double base compliant with the specification Enedis-CPT-M&S Spe-13006A for single-phase and three-phase connections (type 2 board of current boxes can also be used for the "Control and protection panel" function).



Modular cabinet

The cabinet is made up of panels made of glass fibre reinforced polyester with an isophthalic gelcoat.

These panels are directly attached to a metal frame forming an enclosure which can be dismantled and interchanged.

A polyester roof is then attached above the frame.

Finally, this enclosure is then placed on a polyester base and attached by clamping, thus completing the cabinet.

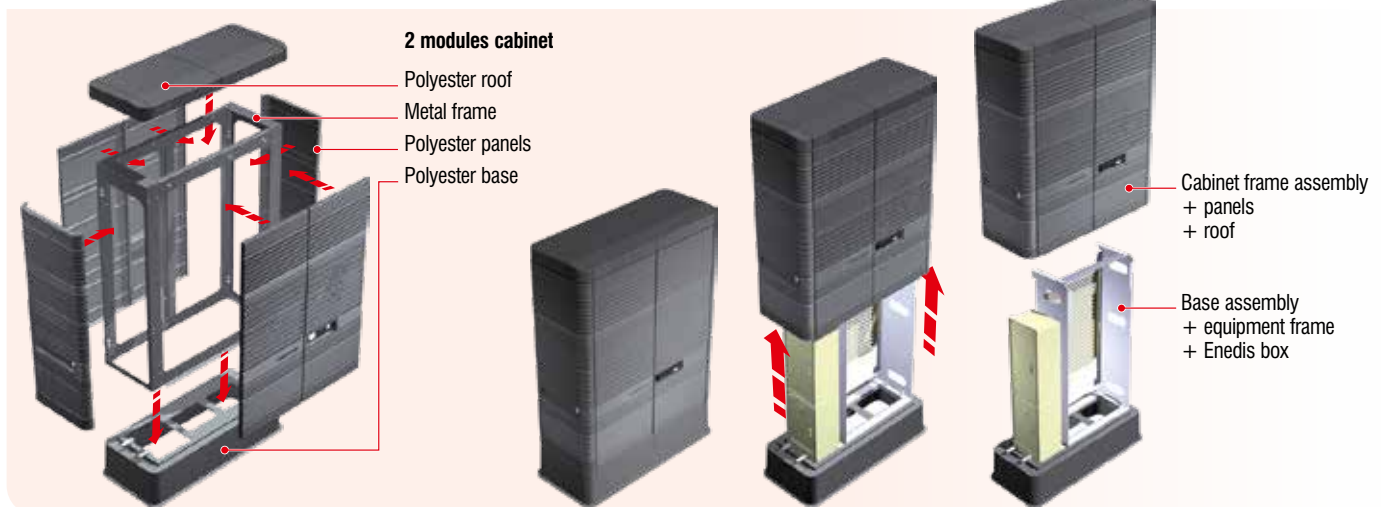
Independent modular frame

Provides protection to the equipment when handling and unloading.

It can be separated from the cabinet and transported alone.

Suitable for all equipment, perforated grid, DIN rails and board.

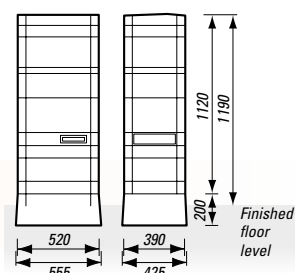
4 anti-posting sides



If an Enedis box is integrated, this box and its base must be installed completely independently from the installation of the equipment and the enclosure.

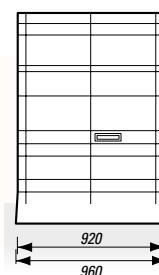
1 module Ecrins cabinet, 4 anti-posting sides grey RAL 7010

Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne
1120x520x390	1018x372x246	1 door	607 100 00 GO
200x555x425		1 module base equipped with fixing	607 801 00 GO



2 modules Ecrins cabinets, 4 anti-posting sides grey RAL 7010

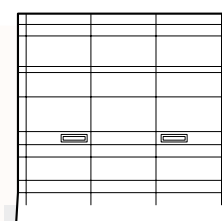
Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne
1120x920x390	1018x776x246	2 doors	607 200 00 GO
1120x920x390	1018x776x246	2 doors with left Enedis door and agent box	607 201 00 GO
1120x920x390	1018x776x246	2 doors with left Enedis door and agent box and right side door with retractable handle	607 201 01 GO
1120x920x390	1018x776x246	2 doors with right Enedis door and agent box	607 211 00 GO
200x960x425		2 modules base equipped with fixing	607 802 00 GO



3 modules Ecrins cabinets, 4 anti-posting sides grey RAL 7010

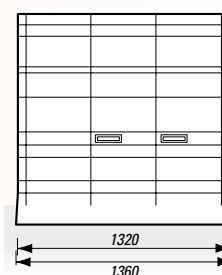
3 modules (1+2)

Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne
1120x1320x390	1018x(372+776)x246	3 doors	607 300 00 GO
1120x1320x390	1018x(372+776)x246	3 doors with left Enedis door and agent box	607 301 00 GO
1120x1320x390	1018x(372+776)x246	3 doors with left Enedis door and agent box and right side door with retractable handle	607 301 01 GO
1120x1320x390	1018x(372+776)x246	3 doors with right Enedis door and agent box	607 321 00 GO
1120x1320x390		3 modules base equipped with 3 fixing	607 803 00 GO
		equipped with 4 fixing	607 813 00 GO
		equipped with 5 fixing	607 823 00 GO



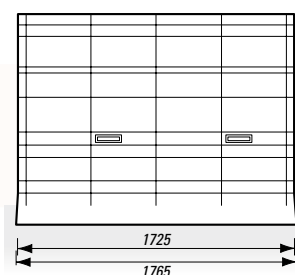
3 modules (2+1)

Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne
1120x1320x390	1018x(776+372)x246	3 doors	607 310 00 GO
1120x1320x390	1018x(776+372)x246	3 doors with right Enedis door and agent box	607 311 00 GO
1120x1320x390	1018x(776+372)x246	3 doors with left Enedis door and agent box	607 331 00 GO
200x1360x425		3 modules base equipped with 3 fixing	607 803 00 GO
		equipped with 4 fixing	607 813 00 GO
		equipped with 5 fixing	607 823 00 GO



4 modules (2+2) Ecrins cabinets, 4 anti-posting sides grey RAL 7010

Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne
1120x1725x390	1018x(776+776)x246	4 doors	607 400 00 GO
1120x1725x390	1018x(776+776)x246	4 doors with left Enedis door and agent box	607 401 00 GO
1120x1725x390	1018x(776+776)x246	4 doors with right Enedis door and agent box	607 411 00 GO
200x1765x425		4 modules base equipped with fixing	607 804 00 GO



Street lighting frame

	1 module	2 modules small model	2 modules large model
	Depagne	Depagne	Depagne
with perforated grid	607 910 00	607 915 00	607 920 00
with 5 DIN rails	607 911 00	607 916 00	607 921 00
with board	607 912 00	607 917 00	607 922 00

Accessories

		Enedis	Depagne
Extra door	right side	with retractable handle	607 931 00
		with triangle lock (Enedis type)	607 933 00
	left side	with retractable handle	607 932 00
		with triangle lock (Enedis type)	607 934 00
IP2X screen kit, supplied mounted		for 2 modules frame small model	607 942 00
		for 2 modules frame large model	607 944 00
Kit for personalised inscription on plaque, supplied mounted			607 935 00
1 door contact kit, supplied mounted			607 936 00
Single-phase 60A CIBE pedestal ivory		69 80 805	150 805 00
Three-phase 60A kit		69 80 881	150 881 00

(1) HxWxD: Height x Width x Depth
Dimensions in mm.

Polyester CABINETS and BOXES (continued)

Chartreuse range

Modular signage and outdoor lighting cabinets

Glass fibre cabinets, with an integrated isophthalic gelcoat and reinforcements.

These cabinets can be installed side by side on the same base.

The sides have an anti-posting surface.

Configurations possible for outdoor lighting, see page 95.

Applications outdoor light, road signage...

Protection IP44, IK10.

Closure 3 points closing, key lock no. N35412.

Fixing on the ground as standard, optionally with polyester base.



Modularity

Up to 3 separate compartments for independent access to the installations.

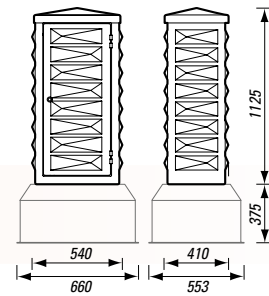
4 anti-posting sides

Chartreuse and Belledonne cabinets, Saint-Egrève



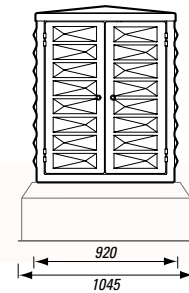
1 module Chartreuse cabinets, 4 anti-posting sides grey RAL 7035

Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne
1125x540x410	1030x485x310	1 door	605 426 00
375x660x553		polyester base 1 module grey	954 810 00 G



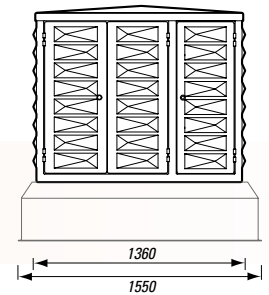
2 modules Chartreuse cabinets, 4 anti-posting sides grey RAL 7035

Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne
1125x920x410	1030x885x310	2 doors	605 427 00
375x1045x553		polyester base 2 modules grey	954 811 00 G



3 modules (2+1) Chartreuse cabinets, 4 anti-posting sides grey RAL 7035

Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne
1125x1360x410	1030x1305x310	3 doors (2+1)	605 428 00
375x1550x553		polyester base 3 modules grey	954 812 00 G



Accessories

			Depagne
Frame kit, supplied mounted	1 door	front side with 7 DIN rails	604 434 00
	2 doors	front side with 7 DIN rails	604 436 00
IP2X screen kit, supplied mounted	1 door		604 430 00
	2 doors		604 432 00

Chartreuse range cabinet assembly grey RAL 7035

		Depagne
Cabinet assembly 1 module + 1 module	2 doors, 4 anti-posting sides polyester base 1 module + 1 module grey, 375x1200x553	605 426 00 + 605 426 00 954 815 00 G
Cabinet assembly 1 module + 2 modules	3 doors, 4 anti-posting sides polyester base 1 module + 2 modules grey, 375x1550x553	605 426 00 + 605 427 00 954 814 00 G
Cabinet assembly 1 module + 3 modules	4 doors, 4 anti-posting sides polyester base 1 module + 3 modules grey, 375x2030x553	605 426 00 + 605 428 00 954 816 00 G

(1) HxWxD: Height x Width x Depth
Dimensions in mm.

Polyester CABINETS and BOXES (continued)



Multi-compartment

Up to 3 separate compartments for independent access to the installations.

Belledonne range

Cabinets with one or more compartments

Glass fibre cabinets, with isophtalic gelcoat.

These cabinets have one or more compartments.

The sides have an anti-posting surface.

Applications outdoor lighting, road signage, telecommunications, cabled networks, electricity, gas and water metering...

Protection IP44 (IP45 with an extra seal), IK10.

Closure two triangle 1/4 turn locks, padlockable or with key.

Fixing on the ground as standard, optionally with polyester base.



Armoires Belledonne, Grenoble

Range of 1 compartment Belledonne cabinets, ivory

H < 1000

	Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne
Cabinet 3616	800x620x305	750x585x220	1 anti-posting door	603 616 00
Cabinet 4616	800x620x390	750x585x380	1 anti-posting door	604 616 00

H: 1000 to 1500

	Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne	Base HxWxD ⁽¹⁾	Depagne
Cabinet 3730	1105x810x375	1045x745x280	1 door, 4 anti-posting sides	603 730 00	300x860x445	954 643 00
Cabinet 1965	1105x1110x465	1045x1045x370	2 doors, 4 anti-posting sides with area for logo	601 965 00	300x1100x530	954 965 00
Cabinet 4643	1255x810x390	1195x745x295	1 door, 4 anti-posting sides	604 643 00	300x860x445	954 643 00
Cabinet 3703	1255x1000x535	1195x965x450	1 anti-posting door with area for logo	603 703 00	300x1080x600	954 219 00
Cabinet 685 CS4	1255x1245x435	1195x1195x350	2 anti-posting doors with area for logo	600 685 00		
Cabinet 9211	1385x1175x375	1320x1140x290	2 anti-posting doors	609 211 00		
Cabinet 706 CS22	1405x1230x555	1345x1195x470	1 anti-posting door	600 706 00	300x1310x620	954 022 00
Cabinet 707 CS22	1405x1230x555	1345x1195x470	2 anti-posting doors	600 707 00	300x1310x620	954 022 00

H > 1500

	Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne	Base HxWxD ⁽¹⁾	Depagne
Cabinet 3250	1555x1110x465	1495x1045x370	2 doors, 4 anti-posting sides with area for logo	603 250 00		
Cabinet 5816	1650x926x455	1600x870x375	2 doors, 4 anti-posting sides with area for logo	605 816 00		
Cabinet 690 CS6	1705x1080x615	1645x1045x530	2 anti-posting doors	600 690 00		
Cabinet 691 CS7	1705x1230x555	1645x1195x470	2 anti-posting doors	600 691 00	300x1310x620	954 022 00
Cabinet 701 CS8	1705x1490x555	1645x1455x470	2 anti-posting doors	600 701 00		
Cabinet 703 CS10	1705x2130x555	1645x2095x470	2 anti-posting doors	600 703 00		

Range of multi-compartment Belledonne cabinets, ivory

H < 1000

	Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne	Base HxWxD ⁽¹⁾	Depagne
Cabinet 4580	945x980x280	left: 895x545x200 right: 895x395x200	2 anti-posting doors and area for logo, 2 compartments side by side	604 580 00	300x1060x350	954 580 00
Cabinet 11578	1005x1100x410	left: 945x685x310 right: 945x375x310	2 doors, 4 anti-posting sides, 2 compartments side by side	611 578 00		

H > 1000

	Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne	Base HxWxD ⁽¹⁾	Depagne
Cabinet 4881	1105x1260x365	left: 1045x340x280 right: 1045x850x280	2 doors, 3 anti-posting sides, 2 compartments side by side	604 881 00	200x1300x330	954 881 00
Cabinet 2022	1105x1425x455	left: 1045x935x370 right: 1045x410x370	2 anti-posting doors and area for logo, 2 compartments side by side	602 022 00	300x1460x520	954 020 00
Cabinet 5858	1105x1425x455	left: 1045x410x370 right: 1045x935x370	2 doors, 4 anti-posting sides with area for logo, 2 compartments side by side	605 858 00	300x1460x520	954 020 00
Cabinet 4845	1405x1380x495	left: 1345x405x400 right: 1345x900x400	2 doors, 4 anti-posting sides with area for logo, 2 compartments side by side	604 845 00	300x1460x520	954 020 00

(1) HxWxD: Height x Width x Depth
Dimensions in mm.

Polyester CABINETS and BOXES (continued)



Meije range

Standard boxes

Glass fibre boxes, with isophthalic gelcoat.

These boxes are equipped with doors covering the body of the boxes. The door can be anti-posting or smooth.

Applications outdoor lighting, road signage, electricity, gas and water metering...

Protection IP44, IK10.

Closure two triangle 1/4 turn locks, padlockable or with key.

Fixing Either surface-mounted or built-in as standard. On polyester base in option.

Range of Meije boxes, H < 1000 ivory

	Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne	Base HxWxD ⁽¹⁾	Depagne
Box 551 (500x500)	600x630x260	525x525x245	1 smooth door	600 551 00	300x700x360	954 212 00
Box 563 (600x500)	710x635x320	615x515x305	1 smooth door	600 563 00		
Box 581	855x745x290	780x650x280	1 smooth door	600 581 00	300x800x370	954 213 00
Box 533 (800x250) without base version	900x375x260	825x275x245	1 smooth door	600 533 02		
Box 533 (800x250)	900x375x260	825x275x245	1 smooth door	600 533 00	300x450x350	954 210 00
Box 558 (800x500) without base version	900x630x260	825x525x250	1 smooth door	600 558 03		
Box 558 (800x500)	900x630x260	825x525x250	1 smooth door	600 558 00	300x700x360	954 212 00
Box 561	900x630x490	805x515x475	1 smooth door	600 561 00		

Range of Meije boxes, H > 1000 ivory

	Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne	Base HxWxD ⁽¹⁾	Depagne
Box 536	1115x380x260	1020x275x245	1 smooth door	600 536 00	300x450x350	954 210 00
Box 637	1115x905x470	1010x805x455	1 smooth door	600 637 00	300x940x600	954 215 00
Box 635	1120x920x270	1015x805x255	1 smooth door	600 635 00	300x940x360	954 218 00
Box 562 (1000x500)	1125x630x270	1005x525x255	1 smooth door	600 562 00	300x700x360	954 212 00



Oisans range

Multi-compartment boxes

Glass fibre boxes, with isophthalic gelcoat.

Two-compartment boxes with vertical or horizontal separation.

The doors and the other sides are smooth only.

Applications outdoor lighting, road signage, telecommunications, cabled networks, electricity, gas and water metering...

Protection IP44, IK10.

Closure two triangle 1/4 turn locks, padlockable or with key.

Fixing Either surface-mounted or built-in as standard. On polyester base in option.

Range of Oisans boxes *ivory*

	Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne	Base HxWxD ⁽¹⁾	Depagne
Box 590 without base version	900x1020x260	left: 800x575x245 right: 800x350x245	2 smooth doors, 2 compartments side by side	600 590 03		
Box 590	900x1020x260	left: 800x575x245 right: 800x350x245	2 smooth doors, 2 compartments side by side	600 590 00	300x940x360	954 218 00
Box 559 (S17 type 3) without base version	990x790x275	left: 880x325x220 right: 880x325x220	2 smooth doors, 2 compartments side by side	600 559 02		
Box 559 (S17 type 3)	990x790x275	left: 880x325x220 right: 880x325x220	2 smooth doors, 2 compartments side by side	600 559 00	300x800x370	954 213 00
Box 5175 (1000x250)	1125x380x250	haut: 355x275x245 bas: 635x275x245	2 smooth doors, 2 compartments one above the other	605 175 00		



(1) HxWxD: Height x Width x Depth
Dimensions in mm.

Polyester CABINETS and BOXES (continued)



Alpes range

One-piece cabinets

Glass fibre cabinets, with isophtalic gelcoat.

Hinge-mounted doors opening to right or left.

The doors have an anti-posting surface or a smooth surface.

Applications outdoor lighting, road signage, cabled network, telecommunications, electricity, gas and water metering...

Protection IP44, IK10.

Closure two triangle 1/4 turn locks, padlockable or with key.

Fixing on the ground as standard, optionally with polyester base.

Range of Alpes cabinets ivory

	Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne	Base HxWxD ⁽¹⁾	Depagne
Cabinet 6228	985x685x375	945x650x310	1 smooth door	606 228 00		
Cabinet 679 CS1	1090x790x420	1065x745x335	1 anti-posting door	600 679 00	200x910x475	954 021 00
Cabinet 682 CS2	1200x1030x545	1150x970x460	1 anti-posting door	600 682 00	300x1080x600	954 219 00
Cabinet 620	1205x900x360	1050x880x320	1 smooth door	600 620 00	400x1012x467	954 216 00
Cabinet 681	1540x810x405	1520x800x365	1 smooth door	600 681 00	300x910x370	954 023 00



Specific CABINETS



European range

Cabinets mounted on retractable base or surface-mounted

Cabinets made of hot-moulded glass fibre reinforced polyester.

Anti-posting door with invisible hinges on the right.

Protection IP44, IK10.

Closure triangle screw or key lock.

Fixing on the ground as standard, optionally with polyester base.

Range of European cabinets grey RAL 7035

	Overall HxWxD ⁽¹⁾		Retractable polyester base		Surface-mounted polyester base	
			Depagne	Base HxWxD ⁽¹⁾	Depagne	Base HxWxD ⁽¹⁾
Cabinet size 00	830x460x320	1 anti-posting door	600 240 00	930x460x320	600 244 00	320x460x320 600 244 01
Cabinet size 0	830x590x320	1 anti-posting door	600 241 00	930x590x320	600 245 00	320x590x320 600 245 01
	1100x590x320	1 anti-posting door, high model	600 251 00	930x590x320	600 245 00	320x590x320 600 245 01
Cabinet size 1	830x785x320	1 anti-posting door	600 242 00	930x785x320	600 246 00	320x785x320 600 246 01
	1100x785x320	1 anti-posting door, high model	600 252 00	930x785x320	600 246 00	320x785x320 600 246 01
Cabinet size 2	830x1115x320	2 anti-posting doors	600 243 00	930x1115x320	600 247 00	320x1115x320 600 247 01
	1100x1115x320	2 anti-posting doors, high model	600 253 00	930x1115x320	600 247 00	320x1115x320 600 247 01



CCV range

Glass Fibre Reinforced Cement cabinets

Cabinets made of CCV, glass fibre reinforced concrete, designed for outdoor use.

Metal reinforcement with CCV coating, ivory colour. Other colours available on request.

Applications street lighting, road signage, stallholders and markets...

Protection IP44 (IP55 optional), IK10.

Closure key lock knob (triangle lock optional), invisible hinges.

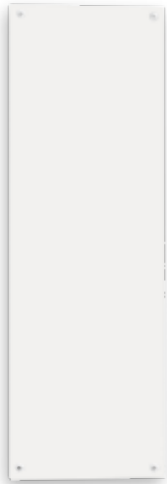
Fixing on concrete base (not supplied).

Our ranges offers various dimensions of cabinets with 1 or 2 compartments and 1 or 2 doors. Please consult us for a complete and detailed study, according to your requirements.

(1) HxWxD: Height x Width x Depth
Dimensions in mm.

EQUIPMENTS for cabinets and boxes

Boards



HxW ⁽¹⁾	Depagne:	Board kit unequipped, supplied mounted	Board unequipped with screws
300x250x12		610 001 00	
400x305x12		610 003 00	610 003 01
400x310x12		610 000 03	610 000 03-V
400x400x12		614 000 00	
440x440x12		616 000 00	616 000 01
500x250x12		610 000 00	
500x300x12		610 002 00	
500x500x12		620 000 00	
550x250x10		610 000 06	
550x250x12		610 000 04	
600x400x12		610 004 00	
600x550x12		610 006 00	
650x600x12		626 000 00	
750x650x12		626 001 00	
800x250x10		611 000 02	611 000 03
800x250x12		611 000 00	611 000 01
800x372x15		611 000 10	611 000 11
800x500x12		621 000 00	621 000 01
800x500x15		611 000 05	611 000 05-V
800x600x12		624 000 00	
800x750x12		626 002 00	
932x550x15		611 000 06	
1000x250x15		612 000 00	
1000x500x12		610 005 00	
1000x650x12		628 000 00	
1000x800x15		630 000 00	
1030x650x12		626 005 00	
1200x800x15		630 001 00	



Perforated grids

HxW ⁽¹⁾	Depagne:	perforated grid kit, supplied mounted
440x440		603 611 00
800x250		603 596 00
800x500		603 626 00
800x750		603 634 00
1000x650		603 632 00
1000x800		603 640 00
1000x1000		603 660 00
1030x650		603 633 00
1200x800		603 650 00
1200x1000		603 670 00

Frames

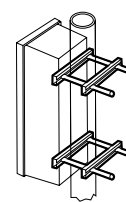
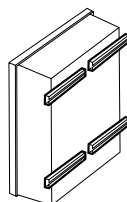
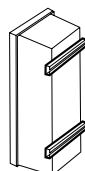
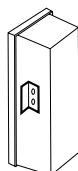
		Depagne
Frame kit, supplied mounted	4 DIN rails for polyester cabinet 1500x1000	902 424 00
	4 DIN rails for polyester box 800x250	902 429 00
	7 DIN rails for polyester box 1000x800	902 427 00
Removable metal frame		981 000 00

Metering boxes

		Depagne
Built-in box kit, supplied mounted	CIBE ivory single-phase 60A	600 023 00
	S22 ivory single-phase A2 D2	600 022 00
	S20 ivory three-phase A4 D4	600 024 00
	S20 ivory single-phase/three-phase	600 025 00

Fixing systems

		Fixing kit 2 brackets, supplied mounted	Wall mounting 2 C-profiles	Wall mounting 4 C-profiles	Fixing on post for strip (strip not supplied) with metal strip 2 sliding C-profiles and plywood	Fixing on post with bolts 2 C-profiles and 4 M12x400 nuts
Depagne:						
For built-in box		954 260 00				
For box width between:	250/300 mm		954 270 00		954 280 00	954 290 00
	300/500 mm		954 271 00		954 281 00	954 291 00
	650/800 mm		954 272 00			954 292 00
	650/1000 mm 800/1000 mm			954 273 00	954 282 00	





Accessories

		Enedis	Depagne
Lock kit, supplied mounted	triangle	1/4 turn plastic, padlockable	954 081 00
		1/4 turn metal, padlockable	954 083 00
	metal	with RONIS 405 911B	954 082 00
		key 405 911C	954 082 01
		455 911B	954 082 02
		455 911C	954 082 03
		with key bit EMKA	954 088 00
	East European type	half-moon type plastic lock with cam	954 094 00
Deny/Thirard lock bracket kit for polyester cabinet/box, supplied mounted			954 098 00
Lock Deny kit, supplied mounted			954 099 00
Lock knob kit, supplied mounted	plastic	without key	954 051 00
		with key (for thickness 7.5 mm max)	954 052 00
	metal	without key	954 053 00
		with key (for thickness 7.5 mm max)	954 054 00
		with key (for thickness 13.5 mm max)	954 054 02
Plastic retractable handle kit (European 1/2 cylinder lock with 3 points closing), supplied mounted			954 058 00
3 points closing kit, supplied mounted			954 059 00
Plastic retractable handle kit (European 1/2 cylinder lock with 3 points closing) and gasket, supplied mounted			954 085 00
Remote reader base		ivory	44 49 002 181 000 00
		grey	181 001 00
Remote reader unit		ivory	44 49 007 181 100 00
Remote reader base kit, supplied mounted		ivory	181 000 01
Remote reader unit kit, supplied mounted		ivory	181 100 01
Kit charnières plastiques (droite ou gauche) pour armoires/coffrets polyester, livré monté			954 084 00
Set of 2 plastic right or left hinges, supplied in bulk with nut			954 084 01
2 lifting rings kit for polyester cabinet, supplied mounted			954 101 00
Set of 2 metal side lifting handles kit, supplied mounted			954 102 00
1 plastic side pull handle kit, supplied mounted			954 103 00
Agent box kit with RONIS key lock, supplied mounted			951 003 01
Padlockable hood kit for cable exit, supplied mounted			954 230 00
Window kit, supplied mounted		round 100 mm	954 090 00
		rectangle 150x90 mm	954 070 00
2 plastic air vents grey or ivory (with locking nuts and watertight seal ring), supplied mounted			954 080 00
2 ventilation grids kit, supplied mounted			951 008 00
Ventilation kit with grid, flow rate 56 m ³ /hour, supplied mounted			982 001 00
Thermostatic heating kit, supplied mounted			595 252 00
Door stop kit, supplied mounted			954 089 00
Indoor lighting kit 1 LAMPLED, 230 V white	alone		595 262 01
	diode with protection, supplied mounted	for door contact	595 262 00
Straight NF 16A 2P+E socket with 16A Ph+N circuit-breaker with 30mA differential protection kit, supplied mounted			941 110 02
Inclined IP44 16A 2P+E socket with 16A Ph+N circuit-breaker with 30mA differential protection kit, supplied mounted			941 110 00
Indoor lighting 1 LAMPLED, 230 V white diode with protection and IP44 16A 2P+E socket with 16A Ph+N circuit-breaker with 30mA differential protection kit, supplied mounted			595 257 00
"ELECTRICAL HAZARD" label kit, supplied mounted			950 001 00
Document holder kit, supplied mounted		A4 size	936 581 00
		A3 size	936 581 01
Laptop computer support kit, supplied mounted			610 000 40
Specific paint kit for other enclosure (colour to be defined), supplied mounted			954 107 00
Specific gel-coat finishing for polyester enclosures (colour to be defined)			954 108 00

Maintenance of cabinets and boxes

		Depagne
Maintenance kit	polishing/buffing for polyester	931 000 00
	for cleaning stainless steel	931 010 00



07

Protection and connection

FOR CONNECTION BOXES FUSE CARTRIDGES ACCESSORIES AND SPARES

• Protection and connection	210
• Cutout	212
• Connection boxes	214
• Cylindrical fuse cartridges NF AD	215
• Knife fuse cartridges NH AD size 00	216
• Adapters size 2 for knife fuse cartridges size 00	216
• Knife fuse cartridges NH gG size 00 and size 2	217
• Industrial cylindrical fuse cartridges NF	218
• Industrial knife fuse cartridges NH (HPC)	220
• Accessories	222
• Locks and hinges	223
• Depagne keys	224
• Cable glands	226

PROTECTION and CONNECTION



Our range of protection and connection equips all the products installed in different enclosures (boxes, cabinets, pedestals and panels) that we offer. They disconnect and protect the electrical circuits, contributing to the safety of the connections.



The range includes three main product families:

Cutout

The range includes all types of interchangeable single-pole cutout base: 10x38, 14x51, 22x58, size 00 and triple neutral. It also includes connection boxes (two-pole or four-pole).

All this equipment complies with Enedis specifications and with applicable European standards.

Fuse cartridges

The range includes two types of fuse cartridge:

- CYLINDRICAL NF: AD (10x38, 14x51 and 22x58), Industrial (8x32, 10x38, 14x51 and 22x58).
- KNIFE NH: AD (size 00), gG (size 00, size 2: spacing 115 or 160 mm), Industrial HPC (size 000, 00, 0, 1, 2 and 3).

Accessories

The range includes 2 families of accessories:

- for fuse cartridges (adapters, fuse-holder sockets, handle),
- for accessibility (locks, fixed keys and hinged keys).



Our DEPAGNE RANGE

A complete solution dedicated to disconnection, protection and connection.



Cutout

Range of cutout receiving different types of fuse cartridges, 10x38, 14x51, 22x58 or size 00.

- Cutout
- Connection boxes



Enedis standardised fuse cartridges

Range of Enedis standardised fuse cartridges including cylindrical cartridges, knife cartridges and adapters size 00 for size 2.

- Cylindrical fuse cartridges NF AD
- Knife fuse cartridges NH AD size 00
- Adapters size 2 for knife fuse cartridges size 00
- Knife fuse cartridges NH gG size 2



Industrial fuse cartridges

Range of fuse cartridges for common use including cylindrical and knife cartridges.

- Industrial cylindrical fuse cartridges NF
- Industrial knife fuse cartridges NH (HPC)



Accessories

Range of accessories for cylindrical and knife fuse cartridges.

- Adapters for cylindrical fuse cartridges
- Fuse holder sockets for knife fuse cartridge NH (HPC)
- Narrow extraction handle for knife fuse cartridges size 00 to 3



DEPAGNE keys for locks

Range of fixed and hinged keys suitable for a wide range of locks on boxes and cabinets

- Plastic and metal locks
- Isolating multi-arm fixed keys
- Metal multi-arm hinged keys

CUTOUT

Interchangeable single-pole cutout base for disconnection and protection of the connection. Installation in electrical metering and connection boxes..

Made of synthetic self-extinguishing material.

Cylindrical fuse cartridges, knife cartridges and neutral cartridges are not supplied.

Standards

Compliant with Enedis specifications: HN 62-S-21, HN 60-S-01, HN 60-S-02, HN 60-E-03.

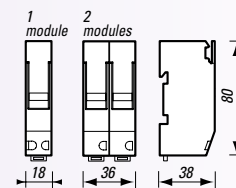
Cutout base 10x38

For cylindrical fuse cartridge 1 to 32A. DIN rail mount.



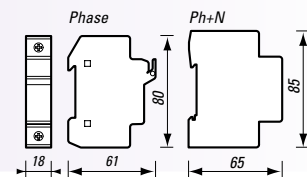
Cutout base 10x38 low size grey

	Depagne
Ph+N, 1 module	905 700 00
Ph+N, 2 modules	900 169 00



Cutout base 10x38 standard size grey

	Depagne
Phase	900 022 00
Neutral equipped	900 023 00
Ph+N	900 021 00

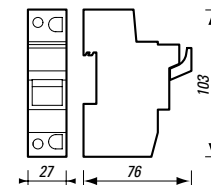


Cutout base 14x51

For cylindrical fuse cartridge 2 to 50A. DIN rail mount.

Cutout base 14x51 grey

	Depagne
Phase	900 007 00
Neutral equipped	900 008 00



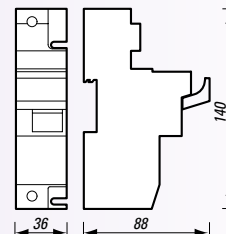


Cutout base 22x58

Cutout base 22x58 grey

For cylindrical fuse cartridge 4 to 100A. DIN rail mount.

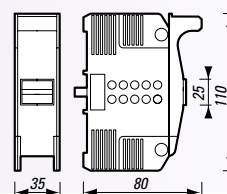
		Depagne	
Neutral		900 013 10	
Single-pole		900 013 11	
Two-pole		900 013 12	
Four-pole		900 013 14	



Cutout base 22x58 white

For cylindrical fuse cartridge 4 to 60A.

		Enedis	Depagne
Phase	with lug	69 40 508	900 001 00
	without lug	69 40 518	900 002 00
Neutral equipped	with lug		900 014 00
	without lug		900 013 00

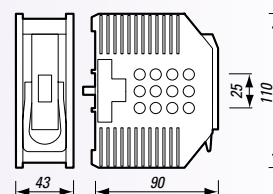


Cutout base size 00

Cutout base size 00 white

For knife fuse cartridge 6 to 160A.

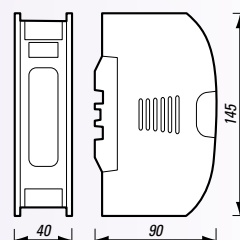
		Enedis	Depagne
Phase	with lug		900 011 00
	without lug	69 40 540	900 010 00
Neutral equipped	with lug		900 031 00
	without lug		900 030 00



Cutout base size 00 black

For knife fuse cartridge 160A. Screw or DIN rail mount.

		Depagne
		900 020 00

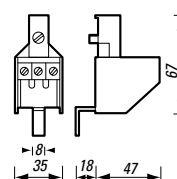


Triple neutrals

Triple neutrals white

Connection capacity 3 feeders 35 mm².

		Enedis	Depagne
With lug		69 40 408	900 006 00
Without lug		69 40 409	900 009 00



Connection BOXES

Two-pole or four-pole connection box for disconnection and protection of metering.

Partial renovation of a connection without modifying the installation.

Installation in meter boxes and panels or on control panels.

Made of synthetic self-extinguishing material.

Box consisting of a one-piece base holding the hinged, disconnectable grips and the sealable cover. The unit is IP 2X.

The 10/30 box includes a terminal cover and a separate cover.

Cylindrical fuse cartridges, knife cartridges and neutral cartridges are not supplied.

Standards

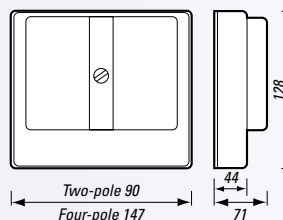
Compliant with Enedis specifications: HN 62-S-21, HN 60-S-01 and HN 60-S-02, HN 60-E-03 and NF C 62911 standard.



Connection boxes 10/30A grey

For cylindrical fuse cartridge 10x38 or 14x51, connection capacity 16 mm².

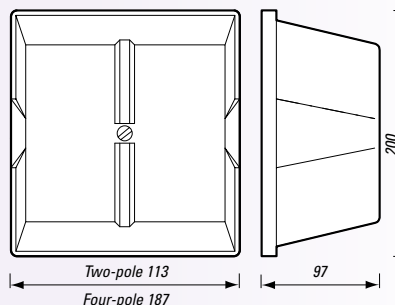
	Enedis	Depagne
Two-pole	69 40 017	900 051 00
Four-pole	69 40 022	900 052 00



Connection boxes 15/60A grey

For cylindrical fuse cartridge 22x58, connection capacity 35 mm².

	Enedis	Depagne
Two-pole	69 40 035	900 060 00
Four-pole	69 40 037	900 062 00
3 single-phase connections		900 064 00

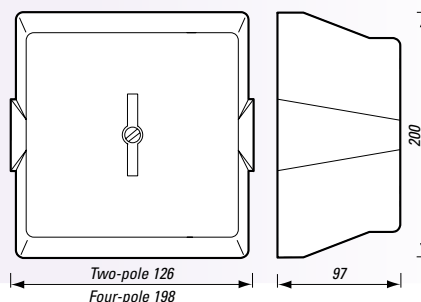


Connection boxes 30/90A grey

For knife fuse cartridge size 00, connection capacity 35 mm².

	Enedis	Depagne
Two-pole	69 40 036	900 063 00
Four-pole	69 40 038	900 066 00

"New generation" boxes, see page 64

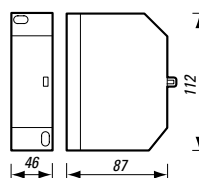




Pilot or boundary cutout connection box grey

For cylindrical fuse cartridge 10x38, connection capacity 10 mm².

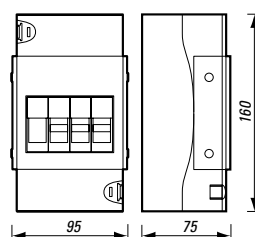
	Enedis	Depagne
	69 40 246	900 088 00



Protection box with fuse indicator white

For cylindrical fuse cartridge 10x38.

	Enedis	Depagne
	69 89 254	900 070 00



CYLINDRICAL fuse cartridges NF AD

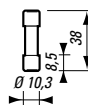
Fuse cartridges voltage U: 500 V (please contact us for voltage specific request).

Standards

Enedis specification HN 62-S-83. IEC 60269-1, IEC 60269-3, IEC 60269-3-1, EN 60269-1, EN 60269-2.

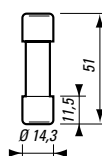
Cylindrical fuse cartridges NF AD 10x38

	Enedis	Depagne
15A	69 42 603	910 017 00
Neutral	69 42 657	910 011 00



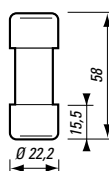
Cylindrical fuse cartridges NF AD 14x51

	Enedis	Depagne
15A		910 028 00
30A	69 42 617	910 027 00
Neutral	69 42 664	910 021 00



Cylindrical fuse cartridges NF AD 22x58

	Enedis	Depagne
15A		910 030 00
30A	69 42 626	910 038 00
45A	69 42 634	910 039 00
60A	69 42 638	910 040 00
Neutral	69 42 669	910 031 00



KNIFE fuse cartridges NH AD size 00

Fuse cartridges voltage U: 500 V (please contact us for voltage specific request).

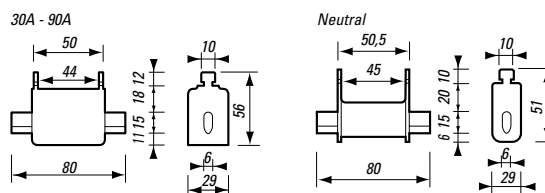
Standards

Enedis specification HN 62-S-83. IEC 60269-1, IEC 60269-3, IEC 60269-3-1, EN 60269-1, EN 60269-2.

Knife fuse cartridges NH AD size 00



	Enedis	Depagne
30A	69 43 516	910 530 00
45A	69 43 514	910 531 00
60A	69 43 513	910 532 00
90A	69 43 520	910 533 00
Neutral	69 43 512	910 050 00



ADAPTERS size 2 for knife fuse cartridges size 00

Accessories designed to be installed instead of a knife fuse cartridge size 2.

They are used in a box initially designed to receive a knife fuse cartridge size 2 (ECP2D, ECP 3D, SPCM, REMBT, S19) and protect a monitored power connection with a knife fuse cartridge size AD size 00.

Standards

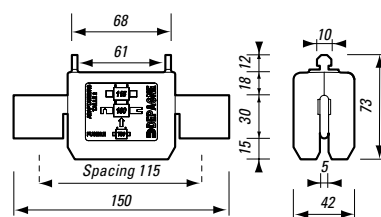
Complies with Enedis specifications HN 62-S-83, HN 63-S-20 and specifications for adapter size 2 for fuse size 00.



Adapters size 2 for knife fuse cartridges size 00 spacing 115 mm white

Spring clamping.

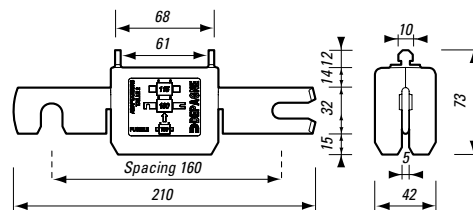
	Enedis	Depagne
Adapter	69 41 272	101 272 00



Adapters size 2 for knife fuse cartridges size 00 spacing 160 mm white

Mechanical tightening.

	Enedis	Depagne
Adapter	69 41 273	101 273 00



KNIFE fuse cartridges NH gG size 00 and size 2

Fuse cartridges voltage U: 500 V (please contact us for voltage specific request).

Standards

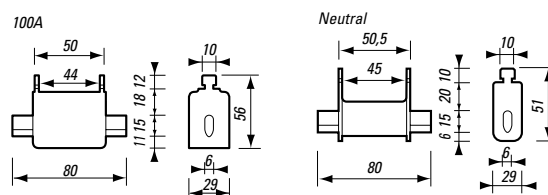
Enedis specification HN 62-S-83, IEC 60269-1, IEC 60269-3, IEC 60269-3-1, EN 60269-1, EN 60269-2.

Knife fuse cartridges NH gG size 00

Spring clamping.



	Enedis	Depagne
100A	69 43 405	910 534 00
Neutral	69 43 512	910 050 00

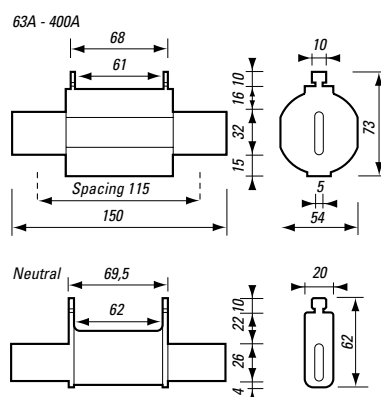


Knife fuse cartridges NH gG size 2 spacing 115 mm

Spring clamping.



	Enedis	Depagne
63A		910 863 00
125A	69 43 007	912 000 00
160A		912 001 00
200A	69 43 009	912 002 00
250A	69 43 013	912 003 00
315A	69 43 014	912 004 00
400A	69 43 016	912 005 00
Neutral	69 43 450	910 090 00

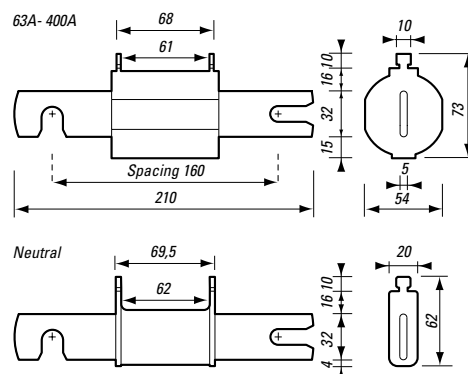


Knife fuse cartridges NH gG size 2 spacing 160 mm

Mechanical tightening.



	Enedis	Depagne
63A		912 080 00
125A	69 43 408	912 502 00
160A	69 43 479	912 503 00
200A	69 43 413	912 504 00
250A	69 43 417	912 505 00
315A	69 43 420	912 506 00
400A	69 43 424	912 507 00
Neutral	69 43 449	910 080 00



Industrial CYLINDRICAL fuse cartridges NF

Fuse cartridges voltage U: 500 V (please contact us for voltage specific request).

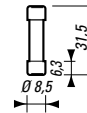
Standards

IEC 60269-1, IEC 60269-2, IEC 60269-2-1, EN 60269-1, EN 60269-2.

Industrial cylindrical fuse cartridges NF 8x32



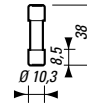
	gG	gG with visual indicator	aM	aM with visual indicator
	Depagne	Depagne	Depagne	Depagne
1A	910 001 00		910 051 00	910 051 15
2A	910 002 00	910 002 15	910 052 00	910 052 15
4A	910 004 00	910 004 15	910 054 00	910 054 15
6A	910 006 00	910 006 15	910 056 00	910 056 15
8A	910 008 00	910 008 15	910 058 00	
10A	910 010 00	910 010 15	910 060 00	910 060 15
12A	910 012 00	910 012 15		910 062 15
16A	910 016 00	910 016 15		910 064 15
20A	910 020 00	910 020 15		910 065 15
25A	910 025 00	910 025 15		910 066 15
Neutral	910 000 00			



Industrial cylindrical fuse cartridges NF 10x38



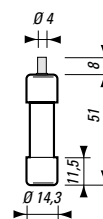
	gG	gG with visual indicator	aM	aM with visual indicator
	Enedis Depagne	Depagne	Depagne	Depagne
1A		910 101 00	910 151 00	910 151 15
2A	69 42 104	910 102 00	910 152 00	910 152 15
4A		910 104 00	910 154 00	910 154 15
6A		910 106 00	910 156 00	910 156 15
8A		910 108 00	910 158 00	910 158 15
10A	69 42 115	910 110 00	910 160 00	910 160 15
12A		910 112 00	910 172 00	910 172 15
16A		910 116 00	910 176 00	910 176 15
20A		910 120 00	910 180 00	910 180 15
25A		910 125 00	910 185 00	910 185 15
32A		910 132 00		910 192 15
Neutral	69 42 657	910 011 00		



Industrial cylindrical fuse cartridges 14x51



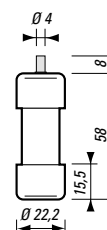
	gG		gG with striker	aM	aM with striker
	Enedis	Depagne	Depagne	Depagne	Depagne
2A		910 202 00	910 202 10	910 252 00	910 252 10
4A	69 42 146	910 204 00	910 204 10	910 254 00	910 254 10
6A		910 206 00	910 206 10	910 256 00	910 256 10
8A		910 208 00	910 208 10	910 258 00	910 258 10
10A		910 210 00	910 210 10	910 260 00	910 260 10
12A		910 212 00	910 212 10	910 272 00	910 272 10
16A		910 216 00	910 216 10	910 276 00	910 276 10
20A		910 220 00	910 220 10	910 280 00	910 280 10
25A		910 225 00	910 225 10	910 285 00	910 285 10
32A		910 232 00	910 232 10	910 286 00	910 286 10
40A		910 240 00	910 240 10	910 287 00	910 287 10
50A		910 250 00	910 250 10	910 288 00	910 288 10
Neutral	69 42 664	910 021 00			



Industrial cylindrical fuse cartridges 22x58



	gG		gG with visual indicator	gG with striker	aM	aM with striker
	Enedis	Depagne	Depagne	Depagne	Depagne	Depagne
2A		910 302 00				910 352 10
4A	69 42 204	910 304 00			910 354 00	910 354 10
6A		910 306 00	910 306 15		910 356 00	910 356 10
8A		910 308 00	910 308 15		910 358 00	910 358 10
10A		910 310 00	910 310 15		910 360 00	910 360 10
12A		910 312 00	910 312 15		910 372 00	910 372 10
16A		910 316 00	910 316 15		910 376 00	910 376 10
20A		910 320 00	910 320 15		910 383 00	910 383 10
25A		910 325 00	910 325 15	910 325 10	910 385 00	910 385 10
32A		910 332 00	910 332 15		910 386 00	910 386 10
40A		910 340 00	910 340 15		910 387 00	910 387 10
50A		910 350 00	910 350 15	910 350 10	910 388 00	910 388 10
63A		910 363 00	910 363 15		910 389 00	910 389 10
80A		910 380 00	910 380 15	910 380 10	910 390 00	910 390 10
100A		910 381 00	910 381 15		910 391 00	910 391 10
125A		910 382 00	910 382 15	910 382 10	910 392 00	910 392 10
Neutral	69 42 669	910 031 00				



Industrial KNIFE fuse cartridges NH (HPC)

Fuse cartridges voltage U: 500 V (please contact us for voltage specific request).

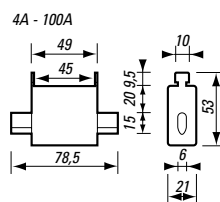
Standards

IEC 60269-1, IEC 60269-2, IEC 60269-2-1, EN 60269-1, EN 60269-2.

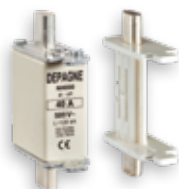
Industrial knife fuse cartridges NH (HPC) size 000



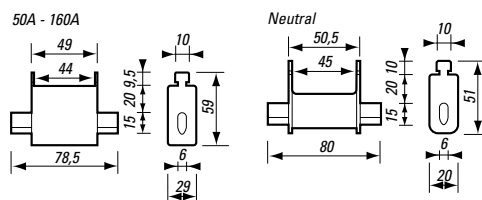
	gG		aM
	Enedis	Depagne	Depagne
4A	69 43 530	910 404 00	
6A		910 406 00	910 469 00
10A		910 410 00	910 470 00
16A		910 416 00	910 471 00
20A		910 420 00	910 472 00
25A		910 425 00	910 473 00
32A		910 432 00	910 474 00
35A		910 435 00	910 475 00
40A		910 440 00	910 476 00
50A		910 450 00	
63A		910 463 00	
80A		910 480 00	
100A		910 481 00	



Industrial knife fuse cartridges NH (HPC) size 00



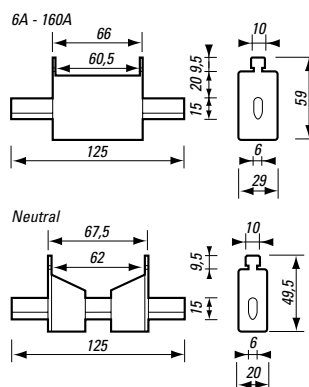
	gG		aM
	Enedis	Depagne	Depagne
50A			910 477 00
63A			910 478 00
80A			910 479 00
100A			910 490 00
125A		910 482 00	910 491 00
160A		910 483 00	910 492 00
Neutral	69 43 512	910 050 00	



Industrial knife fuse cartridges NH (HPC) size 0



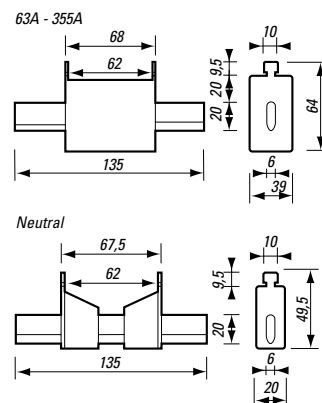
	gG		aM
	Depagne	Depagne	Depagne
6A	910 606 00		
10A	910 610 00		
16A	910 616 00		
20A	910 620 00		
25A	910 625 00		
32A	910 632 00		
35A	910 635 00		910 570 00
40A	910 640 00		910 571 00
50A	910 650 00		910 572 00
63A	910 663 00		910 573 00
80A	910 680 00		910 574 00
100A	910 681 00		910 575 00
125A	910 682 00		910 576 00
160A	910 683 00		910 577 00
Neutral	910 600 00		



Industrial knife fuse cartridges NH (HPC) size 1



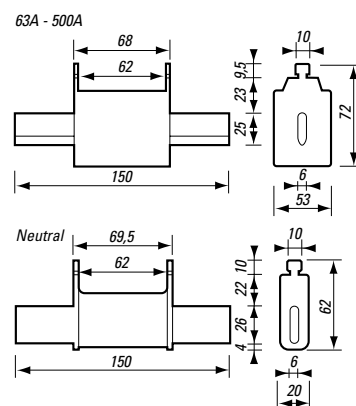
	gG		aM	
	Depagne	gG with striker	Depagne	aM with striker
63A	910 763 00	910 763 10		
80A	910 780 00	910 780 10	910 670 00	910 670 10
100A	910 781 00	910 781 10	910 671 00	910 671 10
125A	910 782 00	910 782 10	910 672 00	910 672 10
160A	910 783 00	910 783 10	910 673 00	910 673 10
200A	69 43 484 910 784 00	910 784 10	910 674 00	910 674 10
250A	910 785 00	910 785 10	910 675 00	910 675 10
315A	910 786 00	910 786 10		
355A	910 787 00	910 787 10		
Neutral	910 700 00			



Industrial knife fuse cartridges NH (HPC) size 2



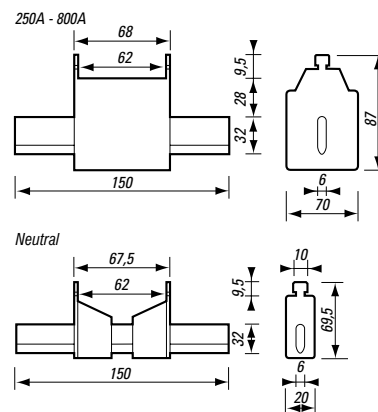
	gG		aM	
	Enedis	Depagne	Depagne	Depagne
63A		910 878 00		
80A		910 879 00		
100A		910 880 00	910 869 00	
125A		910 881 00	910 881 10	910 870 10
160A		910 882 00	910 882 10	910 871 10
200A		910 883 00	910 883 10	910 872 10
250A		910 884 00	910 884 10	910 873 10
315A		910 885 00	910 885 10	910 874 10
355A		910 886 00	910 886 10	910 875 10
400A		910 887 00	910 887 10	910 876 10
425A		910 888 00		
500A		910 889 00		
Neutral	69 43 450	910 090 00		



Industrial knife fuse cartridges NH (HPC) size 3



	gG		aM	
	Depagne	gG with striker	Depagne	aM with striker
250A	910 899 00			
315A	910 900 00	910 900 10	910 909 00	
355A	910 901 00	910 901 10	910 910 00	
400A	910 902 00	910 902 10	910 911 00	910 911 10
425A	910 903 00	910 903 10	910 914 00	910 914 10
500A	910 904 00	910 904 10	910 912 00	910 912 10
630A	910 905 00	910 905 10	910 913 00	910 913 10
800A	910 906 00			
Neutral	910 950 00			

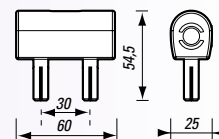


ACCESSORIES

Adapters on pin socket for cylindrical fuse cartridge

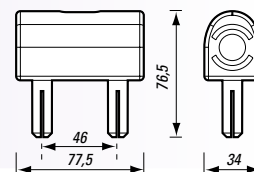
Adapter on pin socket 14x51 black

	Enedis	Depagne
Adapter 14x51	69 41 165	905 413 00



Adapter on pin socket 22x58 black

	Enedis	Depagne
Adapter 22x58	69 41 166	905 414 00



Fuse holder sockets for knife fuse cartridge NH

Standard: IEC 60269-1, IEC 60269-2, IEC 60269-2-1, EN 60269-1, EN 60269-2. Screws fixing.

	Depagne
NH size 00	951 160 00
NH size 0	981 160 00
NH size 1	971 250 00
NH size 2	951 400 00
NH size 3	971 630 00
NH size 4	971 000 00



Narrow extraction handle for knife fuse cartridges size 00 to size 3

Complies with IEC 60269-2-1.

	Enedis	Depagne
	69 41 284	900 041 00



Connection terminal block

			Depagne
Terminal block kit, supplied mounted	1 incoming 3P+N	95 mm ²	970 010 95
		150 mm ²	970 011 50
		240 mm ²	970 012 40
	2 incomings 3P+N	95 mm ²	970 020 95
		150 mm ²	970 021 50
		240 mm ²	970 022 40
	3 incomings 3P+N	150 mm ²	970 030 00
Earth terminal block kit, supplied mounted	1 incoming	95 mm ²	971 010 95
Modular terminal block kit, supplied mounted	1 arrivée 3P+N	16 mm ²	970 061 16
		35 mm ²	970 061 35
		70 mm ²	970 061 70
		95 mm ²	970 061 95
	2 incomings 3P+N	35 mm ²	970 062 35
		50 mm ²	970 062 50
		70 mm ²	970 062 70
3 phase balancing kit, modular terminal block 35 mm ² , supplied mounted			970 060 35

LOCKS and HINGES



Locks

















		Depagne	
Lock kit, supplied mounted	triangle	1/4 turn plastic, padlockable	954 081 00
		1/4 turn metal, padlockable	954 083 00
metal	with RONIS key	405 911B	954 082 00
		405 911C	954 082 01
		455 911B	954 082 02
		455 911C	954 082 03
		with key bit EMKA	954 088 00
	East European type	half-moon type plastic lock with cam	954 094 00
Metal lock with key bit EMKA kit, supplied mounted			911 265 00
Plastic key bit EMKA			911 248 81
Lock knob kit, supplied mounted	plastic	without key	954 051 00
		with key (for thickness 7.5 mm max)	954 052 00
		with key (for thickness 13.5 mm max)	954 052 02
metal	without key	954 053 00	
	with key (for thickness 7.5 mm max)	954 054 00	
	with key (for thickness 13.5 mm max)	954 054 02	
Plastic lock kit, supplied mounted	triangle	954 092 00	
	rectangle	954 097 00	
Padlock cylinder kit, supplied mounted			980 243 00
Deny/Thirard lock bracket kit for polyester cabinet/box, supplied mounted			954 098 00
Lock Deny kit, supplied mounted			954 099 00
Plastic retractable handle kit (European 1/2 cylinder lock with 3 points closing), supplied mounted			954 058 00
3 points closing kit, supplied mounted			954 059 00
Plastic retractable handle kit (European 1/2 cylinder lock with 3 points closing) and gasket, supplied mounted			954 085 00
Key lock kit for retractable Sourcinox, supplied mounted			954 091 00
Treated zinc-plated key for retractable Sourcinox lock			911 259 00
Key for lock COURONNE type			911 264 00

Hinges

		Depagne	
Set of 2 plastic hinges		for S20 and S22 door	900 887 00
		for S19 door	900 889 00
Set of 2 plastic hinges (right or left) for polyester cabinet/box	supplied mounted kit	954 084 00	
	supplied in bulk	954 084 01	

Depagne KEYS

Male and female cavities

Triangle	 Ø 24 21 mm female	 Ø 24 16 mm female	 Ø 19 13 mm female	 Ø 16 11 mm female	 Ø 16 8 mm female	 Ø 7 5 mm female
Square	 Ø 24 14 mm female	 10 mm male	 5 at 8 mm male			
Hexagonal	 6 mm male	 6 mm male				
Rectangle	 5x10 mm male					
Delmas	 Ø 24 female					
Two snugs	 Ø 16 male	 Ø 16 male/female				
Half-moon	 Ø 7,5 male					

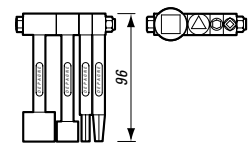
Tailor-made multi-arm keys

Metal hinged keys

Keys made of Copper and Aluminum alloys, high mechanical strength.



		Depagne		
Set of 4 arms (arm type to be selected)		912 260 00		
Set of 5 arms (arm type to be selected)		912 261 00		
Set of 6 arms (arm type to be selected)		912 262 00		
Type of metal arm	Ø 24 mm	cavity A, DELMAS female	911 340 00	
		cavity B, triangle, female 21 mm	911 341 00	
		cavity R, triangle, female 21 mm LHENRY	911 355 00	
		cavity C, triangle, female 16 mm	911 342 00	
		cavity M, square, female 14 mm	911 352 00	
	Ø 19 mm	cavity I, triangle, female 13 mm	911 348 00	
	Ø 16 mm		cavity D, triangle, female 11 mm	911 343 00
			cavity J, triangle, female 8 mm	911 349 00
	Ø 9 mm		cavity S, 2 tabs (1 male and 1 female)	911 351 00
			cavity L, 2 male tabs	911 451 00
			cavity E, progressive square male from 5 to 8 mm	911 344 00
			cavity F, hexagonal, male 6 mm	911 345 00
			cavity G, rectangular, male 5x10 mm	911 346 00
Ø 7 mm		cavity P, square, male 10 mm	911 353 00	
		cavity Q, hexagonal, male 5 mm	911 354 00	
		cavity H, triangle, female 5 mm	911 347 00	
		cavity K, half-moon, male	911 350 00	



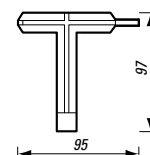
Linked by a steel rivet and a spacer

Standard multi-arm keys

Electrical insulating fixed keys 2 arms

Keys made of hot-injected polycarbonate, high mechanical strength.

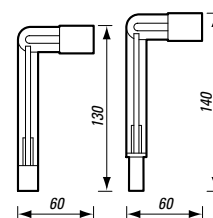
	Enedis	Depagne
Female triangle 11 mm, male rectangle 5x10 mm	69 80 840	911 247 00
2 tabs (1 male and 1 female), male rectangular 5x10 mm		911 248 00



Gas insulating fixed keys 2 arms

Keys made of hot-injected polycarbonate, high mechanical strength.

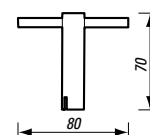
	Depagne
Female square 14 mm, female triangle 11 mm	911 440 00
Female square 14 mm, male rectangle metal 5x10 mm	911 441 00



Metal fixed keys 1 arm

Keys made of Copper and Aluminum alloys, high mechanical strength.

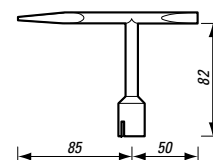
	Depagne
Female triangle 11 to 15 mm	911 248 01



Metal fixed keys 3 arms

Keys made of Copper and Aluminum alloys, high mechanical strength.

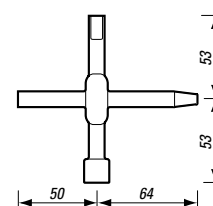
	Enedis	Depagne
Female triangle 11 to 15 mm, male progressive square from 3 to 7 mm, male progressive rectangle from 8x2 to 5 mm	69 80 094	911 255 00



Metal fixed keys 4 arms

Keys made of Copper and Aluminum alloys, high mechanical strength.

	Enedis	Depagne
Female triangle 11 mm, male progressive square from 5 to 8 mm, male rectangle 5x10 mm, female triangle 5 mm	69 80 841	911 250 00
Female triangle 11 mm, male progressive square from 5 to 8 mm, male rectangle 5x10 mm, male half-moon		911 251 00



CABLE GLANDS

Cable gland kit grey supplied mounted

For routing an electrical cable through a partition, from a box to outside..

It guarantees sealing from foreign bodies, dust, water... as well as the mechanical locking of the cable.

PG	Minimum Ø in mm	Maximum Ø in mm	Depagne
PG 7	3	6,5	on estimate
PG 9	4	8	954 109 00
PG 11	5	10	954 111 00
PG 13	6	12	954 113 00
PG 16	10	14	954 116 00
PG 21	12	18	954 121 00
PG 29	18	25	954 129 00
PG 36	22	32	954 136 00
PG 42	30	38	on estimate
PG 48	34	44	954 148 00

Selection table for cable glands

	Cross-section in mm ²	Max outside Ø in mm	Cable gland	
			MIN	MAX
1 conductor	1 x 1.5	6.4	PG 9	PG 13
	1 x 2.5	6.8		
	1 x 4	7.2		
	1 x 6	8.2	PG 11	PG 16
	1 x 10	9.2		
	1 x 16	10.5	PG 13	PG 21
	1 x 25	12.5		
	1 x 35	13.5	PG 16	PG 21
	1 x 50	15		
	1 x 70	17	PG 21	PG 29
	1 x 95	19		
	1 x 120	21	PG 29	PG 36
	1 x 150	23		
	1 x 185	25.5	PG 36	PG 42
	1 x 240	28.5		
	1 x 300	31	PG 36	PG 48
	1 x 400	34.5		
	1 x 500	38.5	PG 42	PG 48
	1 x 630	43		
2 conductors (single-phase)	2 x 1.5	10.5	PG 13	PG 21
	2 x 2.5	11.5		
	2 x 4	13	PG 16	PG 21
	2 x 6	14		
	2 x 10	16	PG 21	PG 29
	2 x 16	18.5		
	2 x 25	22	PG 29	PG 36
	2 x 35	24.5		
3 conductors (two-pole)	3 x 1.5	11	PG 13	PG 21
	3 x 2.5	12.5		
	3 x 4	13.5	PG 16	PG 21
	3 x 6	15		
	3 x 10	17	PG 21	PG 29
	3 x 16	19.5		
	3 x 25	23.5	PG 29	PG 36
	3 x 35	26		
	3 x 50	29	PG 36	PG 42
	3 x 70	34		
	3 x 95	38.5	PG 42	PG 48
	3 x 120	42.5		
4 conductors (three-phase)	4 x 1.5	12	PG 13	PG 21
	4 x 2.5	13		
	4 x 4	14.5	PG 16	PG 21
	4 x 6	16		
	4 x 10	18.5	PG 21	PG 29
	4 x 16	21		
	4 x 25	25.5	PG 29	PG 36
	4 x 35	28.5		
	4 x 50	32.5	PG 36	PG 42
	4 x 70	37.5		
	4 x 95	42.5	PG 42	PG 48
5 conductors (four-pole)	5 x 1.5	13	PG 16	PG 21
	5 x 2.5	14.5		
	5 x 4	16	PG 21	PG 29
	5 x 6	17.5		
	5 x 10	20	PG 29	PG 36
	5 x 16	23		
	5 x 25	28	PG 36	PG 42
	5 x 35	31.5		
	5 x 50	34	PG 42	PG 48



CIBE, S20 and S15 boxes



Chartreuse and Belledonne cabinets, Saint-Egrève



Sourcinox 38 large pedestal, Nice CCI marina



Sourcelec 278 and 880 pedestals, Maona marina, Tahiti



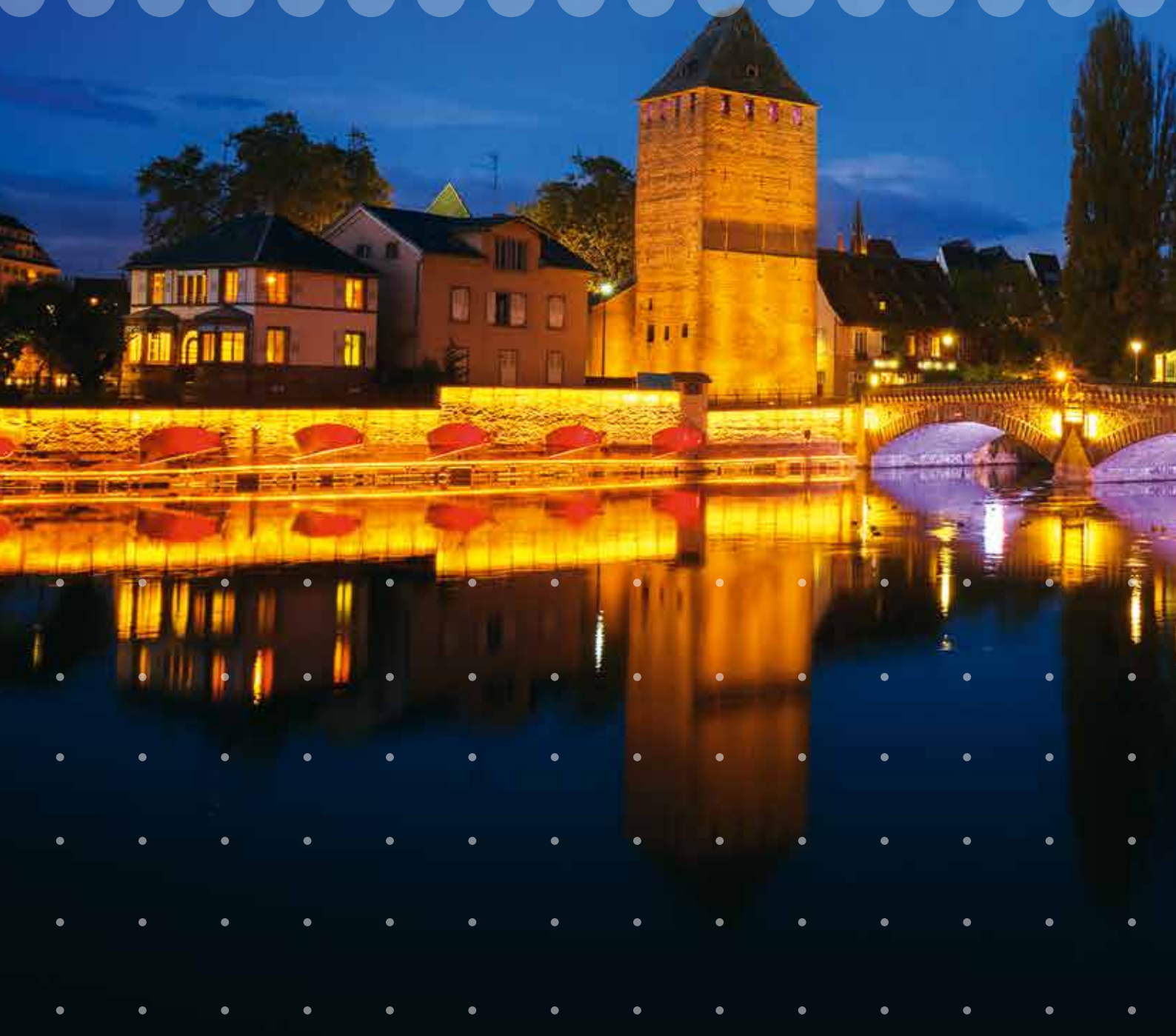
Sourcelec for stallholders cabinet, Thionville



Alpes cabinets and Sourcelec 690 pedestals, La Ciotat marina



08



DEPAGNE



- Degrees of protection 230
- Glossary 232
- General terms and conditions of sale 233

DEGREES of PROTECTION

The degree of protection is a standard of the International Electrotechnical Commission relating to sealing. This index classifies the level of protection that a piece of equipment provides against the ingress of solid and liquid bodies

IP: degree of protection of enclosures for electrical equipment according to EN 60529 and IEC 60529 standards

Composition: IP + 1st digit + 2nd digit + 1 letter.

1st digit: protection from ingress of foreign solid bodies (1 to 6)

IP	Protection against:	
IP 1X	back of the hand	or a ball $\varnothing \geq 50$ mm
IP 2X	finger	or a ball $\varnothing \geq 12.5$ mm
IP 3X	a tool $\varnothing \geq 2.5$ mm	or a ball $\varnothing \geq 2.5$ mm
IP 4X	a wire $\varnothing \geq 1$ mm	or a ball $\varnothing \geq 1$ mm
IP 5X	a wire $\varnothing \geq 1$ mm	or dust
IP 6X	a wire $\varnothing \geq 1$ mm	or dust-tight

The letter X replaces the digit when there is no protection

2nd digit: protection from ingress of liquids (1 to 8)

IP	Protection against:	
IP X1	dripping water fall	vertically (condensation)
IP X2	dripping water fall	when tilted at any angle up to 15°
IP X3	spraying water	when tilted at any angle up to 60°
IP X4	splashing of water	from any direction
IP X5	water jets	from any direction
IP X6	powerful water jets	from any direction
IP X7	effects of temporary immersion	0.15 to 1 m
IP X8	effects of extended immersion	in specified conditions

The letter X replaces the digit when there is no protection

Letter: protection of persons against access to hazardous parts (A to D)

Letter	Protection against touching with:	
A	back of the hand	
B	finger	
C	a tool with \varnothing smaller than finger	
D	a wire	

IK: impact resistance of enclosures for electrical equipment according to EN 62262 and IEC 62262 standards

Composition: IK + digit.




Digit: impact resistance of enclosures (01 to 10)

Degree of protection against impacts	impact energy (joule)	corresponds to:	drops from a height of:
IK01	0.15	200 g	2.5 cm
IK02	0.23	200 g	10 cm
IK03	0.35	200 g	17.5 cm
IK04	0.5	200 g	25 cm
IK05	0.7	200 g	35 cm
IK06	1	500 g	20cm
IK07	2	500 g	40 cm
IK08	5	1700 g	29.5 cm
IK09	10	5000 g	20 cm
IK10	20	5000 g	40 cm

Degree of protection of enclosures against electric shocks

Composition: class + digit.

Digit: protection of enclosures (0 to III)

Class	characteristics	use	symbol
0	- main insulation, - not possible to connect the conductive parts to each other or to the earth	usage prohibited today	no symbol
I	- main insulation, - conductive parts connected to each other and to the earth	usage possible on work sites for stationary machines	
II	- reinforced insulation (or double insulation), - conductive parts not connected to the earth	usage possible on work sites for non-stationary machines	
III	- safety or protective extra low voltage supply (TBTS), - conductive parts not connected to the earth, safe supply (safety transformer)	mandatory for mobile, non-stationary devices, in humid or wet confined spaces.	 with indication of maximum rated voltage

GLOSSARY

- A** xA x amperes
 3R 3 rearming
 A2 D2 Ph+N incoming cable, Ph+N feeder
 A4 D2 3 Ph+N incoming cable, Ph+N feeder
 A4 D4 3 Ph+N incoming cable, 3 Ph+N feeder
 AD circuit-breaker Supplement
 AGCP main control and protection device
 aM motor supplemental fuse
- B** BI current test box
 Blue Tariff former standard “Pricing of energy for domestic use (3 to 36 kVA)”, replaced by **Limited power connection**
 BPS monitored power connection
 BU voltage test box
- C** C400-P200 400A cutoff - 200A protection
 CBE electronic blue meter
 CC cutout
 CCPC collective main cutout
 CCPI single-pole individual main cutout
 CCR quick disconnect switch cutout
 CCV glass fibre reinforced cement
 CJE electronic yellow meter
 CPL power line communication
 CPF fuse-holder connector
- D** DDA automatic disconnection device
 DDR residual current device
 DI individual branch
 DIFF differential
- E** E earth
 EBCD end cap for rigid stripped Copper conductor
 EBCP insulation piercing end caps for copper or aluminium conductor
 ECP2D 2 ways cutout or protection unit
 ECP3D 3 ways cutout or protection unit
 Enedis grid electricity, formerly ERDF
 EP outdoor lighting
- F** Four-pole 4 poles
- G** gG general purpose fuse
 GTL residential technical duct
 Green Tariff pricing of energy for subscribed power greater than 250 kVA, replaced by HTA point of supply connection
- H** HPC high breaking capacity
- I** I current
 ICC short-circuit current
 ICE emerald customer interface meter
 INCA digital information and control contact box
- IP IK the degrees of protection provided by enclosures for low and medium voltage equipment (up to 1,000 V and 1,500 V) defined by 2 codes, IP and IK
- Isophthalic high quality resins with higher, chemical and thermal mechanical strength. They offer higher resistance and better ageing in damp environment
- L** Lux unit of measurement of illuminance
 LV Low Voltage
- M** MTBF Mean Time Before Failure
- N** N neutral
 NF cylindrical fuse cartridge
 NH knife fuse cartridge
 NT triple neutral
- P** PDL HTA high voltage point of supply
 Ph phase
 Ph+N phase + neutral
 Ph+N+E phase + neutral + earth
- R** RBD direct service connection
 RBP protected service connection
 RDI 12 automatic disconnection device
 RED 12 differential disconnection device
 RED GT automatic disconnection device and timer
 REMBT low voltage modular emerging connection
 RFID radio identification
 RRC cutout network connection
 RRCP protection cutout network connection
 RRD direct network connection
 RTC public switched telephone network
- S** Single-phase 1 phase
 Single-pole 1 pole
 SPCM multiple cutout protection disconnection box
 STR overvoltage protection
 STIR overvoltage and overcurrent protection
- T** TIM delayed bus
 Three-phase 3 phases
 Three-pole 3 poles
 Two-pole 2 poles
 TUR urban low voltage switchboards
- U** U rated voltage
- V** V volt
 Vac Volt alternating current
- Y** Yellow Tariff former standard “Pricing of energy for power 36 to 250 kVA”, replaced by **monitored power connection**

General TERMS AND CONDITIONS of sale

Article 1 - Purpose and scope

- 1.1 These general terms and conditions of sale (hereinafter the "GTCS") apply in their entirety, from 01/01/2021 to products sold by the Company DEPAGNE (hereinafter the "Company") in metropolitan France, French overseas administrative departments and territories, Export. These GTCS form the only basis for commercial negotiation and the framework for the business relationship between the Company and its Customers.
- 1.2 Any product order, whatever its origin, implies full and unconditional acceptance of these GTCS, supplemented (where applicable) by our special conditions. To be enforceable against our Company, any exception to the GTCS must have been expressly agreed in writing beforehand. The signing by our Company of any standard document (for example: conditions of purchase) shall not be deemed a waiver of the GTCS which will be, in any case, fully applicable and binding upon the Customer in all of its stipulations.
- 1.3 All documents other than these GTCS, and notably catalogues, flyers, advertisements and leaflets are provided as a guide only and for information purposes, and are non-contractual.
- 1.4 The fact that the Company does not, at a given moment, impose any one of the provisions of the GTCS shall not be interpreted as a waiver of the right to rely upon the same on a future occasion.

Article 2 - Intellectual property

All technical documents issued to our customers remain the exclusive property of the Company DEPAGNE, who is the sole owner of the intellectual property rights of these documents, and these shall be returned to it at its first request. Our Customers undertake not to use these documents in any way that is liable to infringe the industrial or intellectual property rights of our company and undertake not to disclose them to any third party without the prior authorisation of our Company.

Article 3 - Orders

3.1 Definition

Any placing of orders requires a prior agreement between our Company and the Customer and shall be the subject of an order confirmation. Any order must reach our Company in writing on the Customer's headed paper and be addressed by email to: commandes@depagne.fr. Orders placed with our agents will only become definitive after acceptance and confirmation on our part.

All orders which our Company agrees to fulfil are done so taking into account that the Customer provides sufficient financial guarantees and that it will actually pay the sums due by their due date, in accordance with the applicable legislation. Furthermore, if our Company has a genuine or particular reason to believe that the Customer will experience payment difficulties on the date of ordering, or after this date, or if the Customer does not provide the same guarantees as on the date of acceptance of the order, our Company may make acceptance or fulfilment of the order subject to payment in cash, by the Customer, or request guarantees in the interest of our Company. If the Customer refuses to make a cash payment, without proposing any satisfactory guarantee, our Company may refuse to honour the order(s) placed and to deliver the goods concerned, unless the Customer can argue unjustified refusal to sell, or claim any compensation.

3.1.1 Registering the order

The time taken to register the order and acknowledge receipt varies according to the specificity of the equipment, the conformity of the order, and the items necessary for it to be registered correctly, namely:

- the contact details of the Customer placing the order, invoice and delivery address,
- the item references and quantities,
- the prices agreed (special conditions of the Customer) or validated by a quote from DEPAGNE or one of our representatives, subject to approval,
- the costs (administrative and shipping fees) depending on the special conditions granted,
- the validated diagrams and plans, signed by the Customer, if necessary.

The item reference and its description are specific to one piece of equipment. No modification of the item description by the Customer will be taken into account. Only the item reference from the catalogue, on our Company's quote, and indicated on the purchase order will prevail in the event of a discrepancy between the equipment ordered and the equipment received.

3.2 Order modification - Cancellation

- 3.2.1 Orders sent to our Company are irrevocable for the Customer.
- 3.2.2 Any modification of the order after its acceptance is subject to the express and prior agreement of our Company. Modifications made to the order after it has been accepted may:
 - be subject to a surcharge, which the Customer will be notified of and/or
 - extend the delivery time of the order concerned.
- 3.2.3 Any items ordered requiring specific equipment cannot be cancelled once the order has begun to be processed.

3.3 Costs payable by the Customer

- 3.3.1 Shipping Costs

In mainland France, any order above €700 excl. tax will be delivered free of charge. If the Customer's order is less than €700 excl. tax, shipping costs of €30 excl. tax will be invoiced in addition to or up to the cost of carriage stipulated in the Customer's special conditions.

- 3.3.2 Administrative Costs

For any order below €110 excl. tax, an administrative fee of €15 excl. tax will be invoiced in addition or according to the Customer's special conditions.

- 3.3.3 Other Costs

Additional logistics costs shall be subject to an offer or a quote and will be invoiced in agreement with the Customer.

- 3.3.4 Return of Equipment at the Customer's Request

Any request to return equipment initiated by the customer (e.g. stock, customer error regarding references ordered, cancellation of the order by the end customer) must be sent by email to SAV@depagne.fr stating the order number(s), the item references and quantities. Depending on this information, our Company may or may not approve the return of the equipment.

If the request is accepted by our Company, a return form will be addressed to the Customer stating all the aforementioned information.

A deduction may be applied depending on the type of equipment:

- standard equipment: 10% deduction,
- specific equipment: deduction to be negotiated depending on the technical nature of the equipment,
- no deduction if the Customer places another order for an equivalent amount to the equipment returned.

The organisation and cost of transport will be borne by the Customer. Upon receipt at one of our plants, we will check the conformity of the equipment.

If, however, the equipment is found to be faulty, our Company reserves the right not to issue a refund.

A credit note will be sent to the Customer for the amount indicated on the return form, and for the quantities of non-faulty items physically received.

Article 4 - Time frames and deliveries

4.1 Time frames

- 4.1.1 The delivery times are given for information only, ex-works on business days (excluding bank holidays and company's periods of closure). These time frames are dependent in particular on the supplier's timelines, the availability of carriers and our production workload.

Our Company strives to respect the delivery times stated upon acceptance of the order, but delays do not constitute grounds for refusal of goods, cancellation of the sale or penalties. Delays shall not entitle the Customer to amend payments on the agreed dates, cancel current orders, or refuse goods.

Our Company assumes no liability whatsoever/is relieved of any obligation relating to delivery times in the case of a force majeure detailed in Article 9 of these GTCS.

- 4.1.2 In the event of a partial delivery by our Company, failure to deliver part of the order or defer the balance must not result in delayed payment for the part delivered.

General TERMS AND CONDITIONS

of sale (continued)

4.2 Risks

The deliveries are made according to Incoterm 2020 FCA Vendor's premises - Free Carrier within mainland France.

Sales to be sent abroad will be made according to the Incoterm stipulated in the offer, or if this is not specified, EX-WORKS from our production sites in ST GERVAIS LE PORT (38470) or LA RIVIERE (38210).

Irrespective of the method of transport, the products are deemed to be under the care of the Customer as soon as the goods have been handed over to the carrier and are transported at its own risk. The Customer bears the risks it may suffer or cause, for whatever reason, despite the application of Article 8.

Article 5 - guarantee - risks

5.1 Guarantee

Unless otherwise agreed in the Customer's special conditions, our Company's equipment has a 24-month guarantee from the date of delivery thereof (Carrier's consignment note signed by the Customer providing such proof), and when the equipment sold is used for its intended purpose.

5.2 Reservations related to unloading - damage due to carriers

The Customer shall be solely liable for unloading.

The delivery note must be signed upon receipt of the goods by the Customer. A signature implies acceptance of the delivery particularly in terms of the quantities delivered. In the absence of a signature, any irregularities should be brought to the attention of our Company, under the following conditions (for loss and damage) or under the conditions of Articles 5.3.3. (Complaints - Returns) or 5.4 (Liability - latent defects). Failing this, our Company will not be held liable.

In the event of any damage, delay or missing items, it is the receiving Customer's responsibility to notify the carrier of any complaints and regular reservations by noting these on the acceptance document which it is required to sign, and have countersigned by the carrier or its driver's representative, with the date, and confirm this by registered letter within 3 days (not including public holidays), in accordance with the provisions of Article L. 133-3 of the French Commercial Code.

A copy should be sent to our Company within this same 3-day period, by registered letter with acknowledgement of receipt.

These formalities are absolutely necessary for apportioning liability to the transport service provider. Failing this, the Customer shall be liable for any consequences of non-compliance.

5.3 Reservations related to Product conformity

5.3.1 Conformity of products within the context of an installation or modification made by the Customer

All DEPAGNE equipment installed by the Customer must be done so in accordance with the installation, assembly and maintenance recommendations provided with the equipment.

Under no circumstances will our Company be responsible for costs incurred by the Customer for any modification to DEPAGNE products or their installation outside the scope of the assembly or maintenance recommendations provided with the equipment, for any reason whatsoever, without the express written agreement of our Company. If this is the case, our Company shall not be held liable for the correct operation of the equipment concerned and we reserve the right to withdraw the manufacturer's warranty.

5.3.2 Conformity and guarantee of products within the context of an After-Sales intervention

Our Company, or a service provider approved by our Company, may be required, with the Customer's agreement, to attend the site in order to perform an After-Sales intervention (preventive or curative), as part of the manufacturer's warranty. Under no circumstances will our Company be responsible for costs incurred by the Customer for any modification to DEPAGNE products or their installation outside the scope of the assembly or maintenance recommendations provided with the equipment, for any reason whatsoever, without the express written agreement of our Company.

5.3.3 Complaints - Returns

It is the Customer's responsibility to check that the goods match the delivery note, each time a delivery is received, and as soon as possible, while the delivery driver is present. Failing this, our Company reserves the right to contest the dispute.

For any dispute or request to return a product, the request must be made by email, within 8 days, sent to the following address: SAV@depagne.fr.

The Customer must provide, in writing, all the information enabling our Company to assess the accuracy of the grievance and should notably indicate:

- the order reference,
- the references and quantities of the products concerned, as well as the nature of the alleged defect,
- attach photos, if necessary,
- any other evidence demonstrating the non-compliance.

Under no circumstances may a Customer demand the immediate return of products by the carrier; the carrier must have received such an instruction beforehand from our Company. No returns will be accepted if they have not been subject to express and prior approval from our Company.

Non-compliant products should be returned in their original packaging as soon as approval has been granted by our Company, via the carrier selected by our Company. The return costs and risks shall be borne by our Company when this return is performed under the aforementioned conditions (approval given by our Company, original packaging used and transport performed by the carrier selected by our Company).

Subject to approval by our Company, returned products will be replaced by identical products or by similar products. Similar products are those which can be substituted for those ordered. If these conditions are not respected, the products shall be deemed to have been accepted. A refund in the form of a credit note may be made subject to acceptance by our Company (validated return form).

The Customer shall remain solely liable for any goods which are refused on delivery until they are returned to sender, and on the sole condition that the return is accepted by our Company under the aforementioned conditions. The Customer shall store the goods under optimal conditions, in particular so that our Company can perform any checks necessary to settle the claim.

5.4 Liabilities

The Company will in no way assume liability in the following cases:

- use of the Product under non-compliant conditions of installation, use or performance;
- faults caused after the transfer of risks, in particular, damage due to defective storage, retention or use that does not conform to the recommendations and instructions for use;
- damage resulting from errors or inconsistencies associated with documents or information provided by the Customer,

In the case of a latent defect, our Company's warranty shall be rendered null and void if our Customer fails to inform our Company of the alleged defect within a period of 20 working days after its discovery. It will then be the Customer's responsibility to prove the day on which it was discovered.

It is stated that a design fault is not a latent defect and our Customers are deemed to have received all the technical information relating to our products. We will not cover damage and wear resulting from an installation which fails to comply with our recommendations, the installation manual and best practice (see Art. 5.3.1 5.3.1/5.3.2).

Our Company shall in no way be held liable, in respect of latent defects, with regards to professionals in the same field of speciality, which the Customer expressly accepts.

Products with latent hidden defect found by our Company will be either replaced by identical products or by similar products, or repaired by us.

In all cases, our Company's liability will be limited solely to direct consequences and will exclude indirect consequences (notably operating losses, delayed commissioning, etc.), as negotiated beforehand and validated expressly by both parties.

Article 6 - Price

6.1 Rate

The goods are invoiced at the rate in force on the day of the delivery. The prices are given in Euros, net and excluding any tax or duties. The VAT rate applicable to the price excluding tax is the rate in force on the day on which the invoice is issued.

The fulfilment times which appear on an order are only accepted by our Company and are only binding under the following conditions: compliance by the Customer of the payment conditions and payment of advances, timely supply of the technical specifications, no delays in relation to the studies or preparatory work, no force majeure, social, political, economic or technical events hindering the operation of our plans or the supply of components, energy or raw materials.

Article 7 - Terms of payment

7.1 Payment periods and terms

Invoices are payable no later than 45 days after the date of invoicing, unless special conditions have been agreed between our Company and the Customer or specific terms apply (Article 7.2).

The following methods of payment are accepted: cheque, draft, or transfer.

Any delay constitutes a late payment and could lead to the penalties below being applied.

All invoices must be paid on their due date, even in the event of a dispute regarding their wording or content which, where applicable, forms the subject of a subsequent regularisation. Any disagreement concerning the invoice must be notified within a period of eight (8) days after its receipt. After this period, the invoice will be deemed to have been accepted.

The Customer shall refrain from automatically deducting, from the invoice issued by our Company, any penalties or discounts as a result of failure to respect a delivery date or amounts for work that it may have performed on its own initiative for any reason whatsoever, even in the case of non-compliant goods, when the debt is not certain, liquid or due, without our Company being able to check the accuracy of the corresponding grievance.

7.2 Specific invoicing

- For any new Customer, our Company reserves the right to request a K-bis extract [certificate of incorporation] as well as a pro-forma invoice to be paid prior to shipment or when the information available to our Company from credit insurance companies is not deemed satisfactory.

- For any deal exceeding €0,000 excl. tax, we will send you a request for a deposit of 30% of the total amount excl. tax to be paid prior to shipment. Payment of the balance will be made according to the Customer's standard payment conditions.

7.3 Late payment

Any invoice not paid by its due date will immediately and automatically result in the following:

- the payment of all outstanding sums due to our Company, irrespective of the payment method;
- the payment of late penalties equal to the interest rate applied by the European Central Bank to its most recent refinancing operation plus 10 percentage points. Interest begins to accrue from the due date which appears on the invoice and will continue to accrue up to the date of payment of the full amount due. These sums plus interest may be deducted by our Company from any sum which may be due to the Customer or any discount or rebates granted to the Customer;
- the payment of a lump-sum compensation of forty (40) Euros, without prejudice given to the discretion for our Company to claim additional compensation upon presentation of supporting documents.

Our Company also reserves the right to cancel the sales for which delivery has taken place, to suspend any delivery until full payment of any invoices outstanding or to cancel current orders, without prejudice to exercising any legal remedy.

7.4 Discount

No discount is given for early payment or for cash payment.

Article 8 - Reservation of ownership

8.1 The transfer of ownership of our Products is suspended until full payment of the price thereof by the Customer, of the principal and other charges, even in the case of obtaining additional payment time. Any clause to the contrary, particularly included in the general terms and conditions of purchase, is considered null and void, in accordance with Article L. 624-16 of the French Commercial Code.

8.2 In these implementing provisions, simply issuing a cheque, a bill of exchange or any other document stating an obligation to pay does not constitute a payment.

8.3 The Customer is required to allow at any time the identification and reclaim of goods delivered. By express agreement, the goods in stock at the Customer are deemed to be pertaining to outstanding invoices.

The Customer, who is permitted to resell products supplied under the normal performance of its business, is required to immediately inform our Company of the seizure, for the benefit of a third party, of products supplied under reservation of ownership. Moreover, the Customer shall refrain from pledging or assigning ownership of the goods as a guarantee. In the case of resale, it undertakes to assign its claims against sub-purchasers to our Company to a maximum of sums due.

8.4 In the event of opening of a court-supervised administration procedure or legal liquidation proceedings, current orders will be automatically cancelled, and our Company reserves the right to request that the goods in stock be returned.

Article 9 - Force majeure

Events be regarded as force majeure or exceptional circumstances, are those events independent of the will of the parties, insofar as they could be reasonably taken into consideration, and that could not be reasonably avoided or overcome, insofar as their occurrence renders it completely impossible to fulfil the obligations.

The following are considered to be force majeure or fortuitous events releasing our Company from its obligation to deliver within the initial deadlines planned: strikes by all or some personnel of our company or of its usual carriers, fire, flood, war, production stoppages due to fortuitous breakdowns, the impossibility of obtaining supplies of raw materials, epidemics, road closures due to thawing snow, road blocks, ENEDIS-GRDF utility company strikes or supply disruptions for a reason not attributable to our Company, as well as any other cause of supply disruption attributable to our suppliers. Under such circumstances, our Company will inform the Customer in writing, or email, within 48 hours of the date of occurrence of the events, the contract binding our Company and the Customer then being suspended as of right without compensation, from the date of occurrence of the event.

If the event continues for more than 30 days from the date of occurrence thereof, the sales contract agreed by our Company and our Customer may be terminated by the first party to take action, without any of the parties having the right to claim the award of any damages or interest.

This termination will take effect on the date on which the registered letter with acknowledgement of receipt is first presented denouncing said sales contract.

Article 10 - Address for service

The address for service is made by our Company at its registered address: 11 chemin de la Dhuy - ZAC de Maupertuis - CS40047 - 38246 MEYLAN CEDEX

Article 11 - Election of jurisdiction, applicable law

By express agreement, sole jurisdiction is allocated for all disputes which may arise between the parties as part of their business relationships, to the Courts of Grenoble (France), irrespective of the place of delivery, the payment method accepted, including in the case of third-party appeals or multiple respondents.

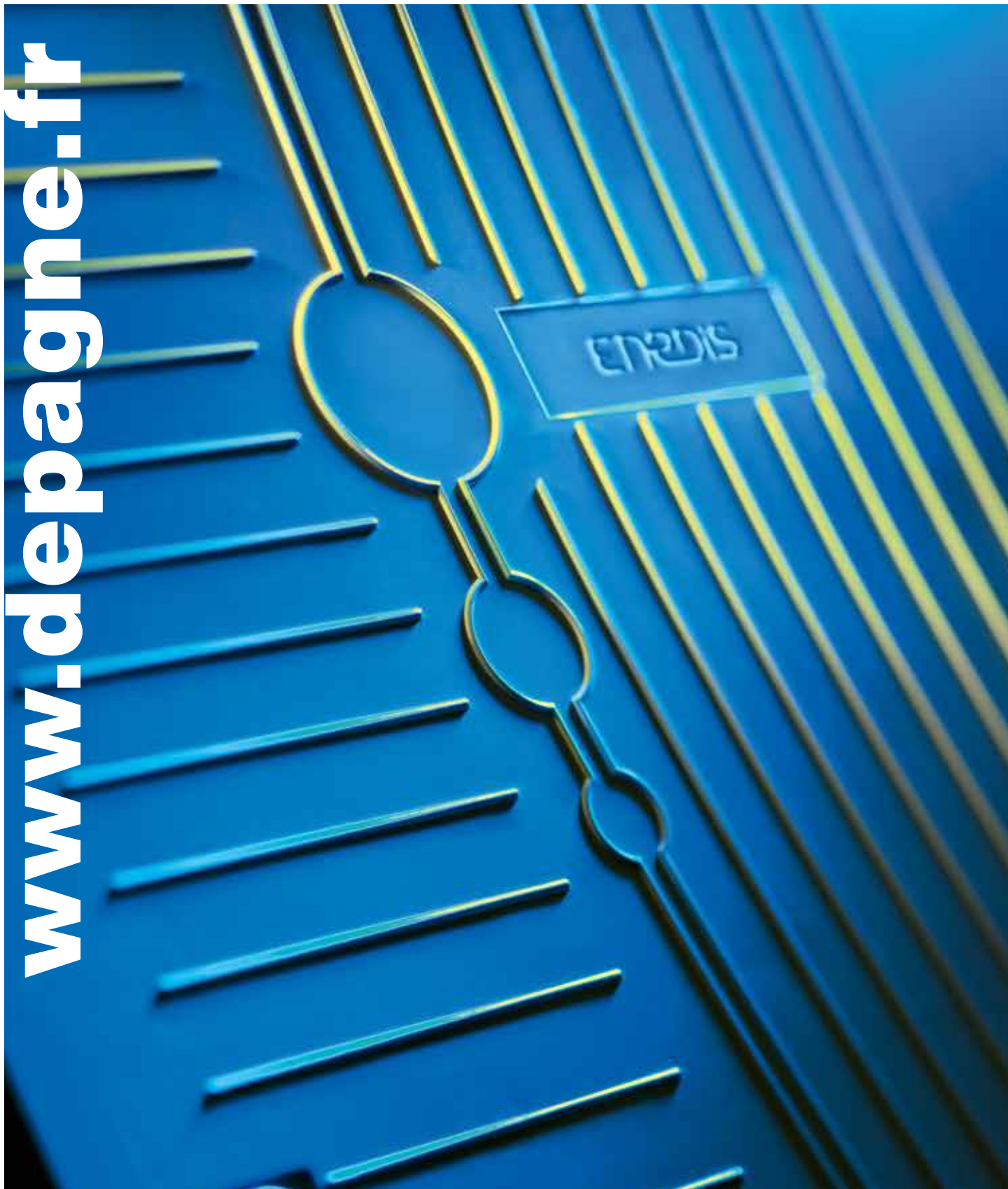
Any questions relating to these general terms and conditions of sale, together with the sales it governs, which have not been covered by these contractual stipulations, shall be governed by French law, to the exclusion of any other law.

Bills of exchange shall not act as novation or exemption to this election of jurisdiction clause.

Article 12 - Waiver

For our Company, refraining from invoking any of the clauses herein at any given time shall not constitute a waiver of our right to invoke these clauses at a later date.

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We may update or modify the products shown in this catalog from time to time.
The photographs and descriptions in the catalog are therefore in no way binding.



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