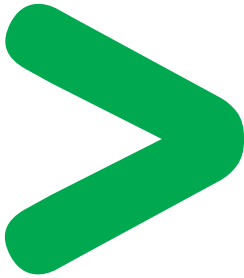


Power Products

Descriptive price list

April 2011



Contents

Compact NS & NSX

Compact NS & NSX Page

A - Compact NS & NSX

NS80H - MA MCCB's	5
NSC100N	6
NS100N to 160A 1P & 2P versions	7
NSX 100 to 250F	8
NSX 100 to 250N	9
NSX 100 to 250H	10
NSX 100 to 250SL	11
NSX 100 to 250NA switch-disconnector	12
Compact NSX100/160/250 - Vigicompact NSX100/160/250	13-15
Compact NSX100/160/250F/N/H/S/L	15-22
Compact NSX400/630N - Compact NSX400/630H	23
Compact NSX400/630S/L	24
Compact NSX400/630H - Compact NS400/630H for DC applications	25
Compact NSX400/630N/H/S/L	26-32

B - Compact NS630b to 1600

NS630b to 1600 fixed manually operated Complete device	34
NS630b to 1600 fixed manually operated Device based on separate components	35
NS630b to 1600 fixed electrically operated Device based on separate components	36
NS630b to 1600 accessories Fixed device	37-38
NS630b to 1600 manually operated withdrawable devices Device based on separate components	39
NS630b to 1600 electrically operated withdrawable devices Device based on separate components	40
NS630b to 1600 accessories withdrawable devices	41-44

C - Compact NS1600b to 3200A

NS1600b to 3200A devices	45
Accessories	46

D - Powerpact 4 MCCB's and pan assemblies 47-50

Interpact

INS40 to 160

INS40 to 160 devices	51
INS40 to 160 accessories	52

INS250 to 630 and INV100 to 630

INS250 to 630 and INV 100 to 630 devices	53
INS250 to 630 and INV 100 to 630 accessories	55-56

INS630b to 2500 and INV630b to 2500

INS630b to 2500 and INV 630b to 2500 devices	59-60
INS630b to 2500 and INV 630b to 2500 accessories	61-62

Metering devices & accessories for communication bus 63

Vigirex residual current protection relays 64-66

Fupact 68-69

Contents

Masterpact NT

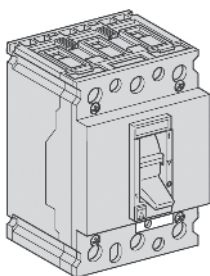
Masterpact NT	Page
Masterpact NT overview and characteristics	70
Masterpact NT standard specification	76
Masterpact NT fixed versions	77
Circuit breakers and control units	77
Connection terminals	78
Indication contacts	79
Remote operation	80
Masterpact NT drawout versions	81
Circuit breakers and control units	81
Chassis connection terminals	82
Chassis locking and accessories	83
Indication contacts	84
Remote operation	85
Masterpact NT fixed and drawout accessories	86
Masterpact NT fixed and drawout switch disconnectors	88
Connection terminals and accessories	89
Drawout switch disconnectors	90
Chassis connection terminals	91

Contents

Masterpact NW

Masterpact NW	Page
Masterpact NW standard specification	94
Masterpact NW fixed versions	95
Circuit breakers and control units	95
Connection terminals	96
Indication contacts	97
Remote operation	98
Masterpact NW drawout versions	99
Circuit breakers and control units	99
Chassis connection terminals	100
Chassis locking and accessories	101
Indication contacts	103
Remote operation	104
Masterpact NW fixed and drawout accessories	105
Masterpact NW switch disconnectors	107
Chassis connection terminals and accessories	108
Drawout switch disconnectors	109
Drawout connection terminals	110
Masterpact NW communications accessories	111
Auxiliary wiring connectors	112
Masterpact NW order form	113
Metering devices & accessories for communication bus	
PM Power metering devices	114
Power factor correction	
Power factor correction components	115
Power factor correction complete banks	115-116

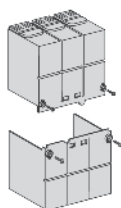
Complete device (standard front cable connections) Compact NS80H with built-in trip unit MA



Compact NS80H fixed/FC Icu = 70kA @ 415V

Rating	3P	Price £
MA1.5	28106	159.39
MA2.5	28105	159.39
MA6.3	28104	159.39
MA12.5	28103	159.39
MA25	28102	159.39
MA50	28101	159.39
MA80	28100	159.39

Accessories Connection accessories

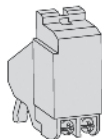


Long terminal shields (1 pair)		price £
3P	28034	23.72

Electrical auxiliaries

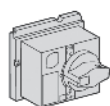


Auxiliary switch (changeover)			
OF or SD		29450	14.41
OF or SD low level		29452	18.54

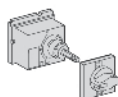


Voltage releases					
AC 50/60 Hz	voltage (V)	MX	price £	MN	
	48	28070	46.79	28080	65.58
	110/130	28071	46.79	28081	65.58
	220/240	28072	46.79	28082	65.58
	380/415	28073	46.79	28083	65.58
	440/480	28074	46.79	28084	65.58
DC	voltage (V)	MX		MN	
	24	28075	46.79	28085	65.58
	48	28076	46.79	28086	65.58
	110/125	28077	46.79	28087	65.58
	250	28078	46.79	28088	65.58
MN with time delay	= MN 250 V DC			28088	65.58
220/240 V AC	+ time delay unit 220/240 V 50/60 Hz			29427	63.36

Operating handles



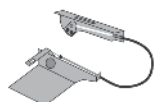
Direct rotary handle		
Standard black handle		28050 35.86
Red handle on yellow front		28051 52.84
MCC conversion accessory		28054 25.73



Extended rotary handle		
Standard extended rotary handle		28052 52.84
Red handle on yellow front		28053 69.78

Indication auxiliary		
1 early-break switch		28056 23.91

Flange mounted cable operated handles		
Cable operated mechanism for flange handle		
Cable length 914mm		36020 85.67
Cable length 1524mm		36021 90.35
Cable length 3048mm		36022 104.34

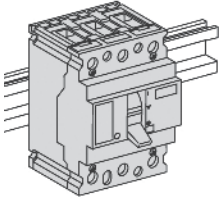


Flange handle		
Grey paint finish		37003 90.35
Chrome finish		37004 166.62

Miscellaneous

Removable locking device for 3 padlocks		29370 10.30
100 identification labels		29314 14.52

Complete device Compact NSC100N with built-in trip unit

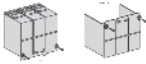


Compact NSC100N fixed/FC		
Rating	3P 3t	Price £
TM16D	28120	109.54
TM20D	28121	109.54
TM25D	28122	109.54
TM32D	28123	109.54
TM40D	28124	109.54
TM50D	28125	109.54
TM63D	28126	109.54
TM70D	28127	112.50
TM80D	28128	112.50
TM100D	28129	112.50

Compact NSC100NA switch disconnect

Rating	3P	Price £
Compact NSC100NA fixed/FC	28140	106.93

Accessories



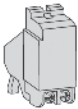
Long terminal shields (1 pair)	3P	Price £
	28034	23.72

Connection accessories



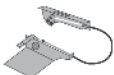
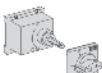
Auxiliary switch (changeover)		
OF or SD	29450	14.41
OF or SD low level	29452	18.54

Electrical auxiliaries



Voltage releases					
AC	Voltage	MX	Price £	MN	Price £
	42V 50 Hz	28069	46.79		
48V 50 Hz	28070	46.79	28080	65.58	
110-130V 50/60 Hz	28071	46.79	28081	65.58	
208V 60 Hz	28067	46.79			
220-240V 50/60 Hz	28072	46.79	28082	65.58	
277V 60 Hz	28068	46.79			
380-415V 50 Hz	28073	46.79	28083	65.58	
440-480V 50/60 Hz	28074	46.79	28084	65.58	
DC	Voltage	MX		MN	
	24V	28075	45.21	28085	65.58
	48V	28076	45.21	28086	65.58
	110-125V	28077	45.21	28087	65.58
	250V	28078	45.21	28088	65.58

Rotary handles



Direct rotary handles		Price £	
Standard black handle	28050	35.86	
Red handle on yellow front	28051	52.84	
MCC conversion accessory	28054	25.73	
Extended rotary handles			
standard extended rotary handle	28052	52.84	
red handle on yellow front	28053	69.78	
Indication auxiliary			
2 early-make contacts	28055	29.51	
1 early-break contact	28056	23.91	
Wiring accessory for early-make contact (CAF)	29336	11.84	
Flange mounted operating handle		Price £	
Cable operated mechanism for flange handle			
	Cable length 914mm	36020	85.67
	Cable length 1524mm	36021	90.35
	Cable length 3048mm	36022	104.34
Flange handle			
	Grey paint finish	37003	90.35
	Chrome finish	37004	166.62

Miscellaneous

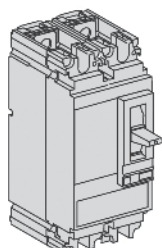
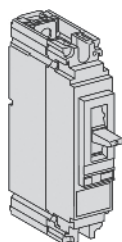
45mm standard front face	28039	10.83
DIN rail plate	28040	17.10
100 labels	29314	14.52
Removable locking device for 3 padlocks	29370	10.30

Compact NS100/160N/H 1 pole

Compact NS100/160N/H 2 pole

Complete device (standard front 'FC' connections)

Compact NS100/160N with standard thermal-magnetic trip unit TM-D



Compact NS100N fixed/FC					
Rating	1P 1t (Icu=25 kA at 220/240 V)		2P 2t (Icu=85 kA at 220/240V and 25 kA at 380/415V)		
			Price £		Price £
TM16D	29585		74.07	29605	131.79
TM20D	29588		74.07	29608	131.79
TM25D	29584		74.07	29604	131.79
TM30D	29587		74.07	29607	131.79
TM40D	29583		74.07	29603	131.79
TM50D	29586		74.07	29606	131.79
TM63D	29582		78.65	29602	131.79
TM80D	29581		78.65	29601	135.71
TM100D	29580		78.65	29600	135.71

Compact NS160N fixed/FC					
Rating	1P 1t (Icu=25 kA at 220/240 V)		Price £	2P 2t (Icu=85 kA at 220/240V and 25 kA at 380/415V)	
					Price £
TM125D	30581		81.77	30601	198.50
TM160D	30580		89.65	30600	247.90

Compact NS250N fixed/FC					
Rating	1P 1d (Icu=25 kA at 220/240V)		Price £		
TM160D	31582		233.62		
TM200D	31581		233.62		
TM250D	31580		233.62		

Accessories

Electrical auxiliaries Two pole only



Auxiliary switch (changeover)					
OF or SD				29450	14.41
OF or SD low level				29452	18.54
Voltage releases					
AC 50/60 Hz	(V)	MX	Price £	MN	Price £
	24	29384	47.74	29404	68.23
	48	29385	47.74	29405	68.23
	110/130	29386	47.74	29406	68.23
	200/240	29387	47.74	29407	68.23
	380/440			29408	68.23
	525 (50 Hz)	29389	47.74	29409	68.23
DC	(V)	MX		MN	
	12	29382	47.74	29402	68.23
	24	29390	47.74	29410	68.23
	30	29391	47.74	29411	68.23
	48	29392	47.74	29412	68.23
	125	29393	47.74	29413	68.23
	250	29394	47.74	29414	68.23
MN with time delay	= MN 250 V CC			29414	68.23
220/240 V AC	+ time delay unit 220/240 V 50/60Hz			29427	65.58

Connection accessories



Rear connections					
2 short				29235	19.76
2 long				29236	29.53
Bare cable connectors					
Snap-on, for cable 15 to 95° ; < 160 A		Set of 2		29246	4.66
Snap-on, for cable 25 to 95° ; < 250 A		Set of 2		29255	8.68
Snap-on, for cable 120 to 185° ; < 250 A		Set of 2		29247	28.77
Pads					
Right-angle terminal extensions		Set of 2		29250	6.98
Straight terminal extensions		Set of 2		29251	6.98
Terminal shields					
short (1 pair)		1P		29320	7.22
short (2 pairs)		2P		29320 x 2	7.22

Locks

Toggle locking device for 3 padlocks					
Removable				29370	10.30

Installation accessories

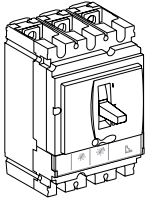
Front-panel escutcheons					
With toggle				29315	6.98

Note: additional electrical and installation accessories are available if a 3 pole frame is used. See 13.

Compact NSX100/160/250F

Complete device (standard front 'FC' connections)

Compact NSX100/160/250F with standard thermal-magnetic trip unit TM-D

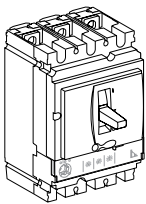


Compact NSX100F fixed/FC Icu = 36kA @ 415V								
Rating	2P*	Price £	3P	Price £	4P3d	Price £	4P4d	Price£
TM16D	LV429627	131.14	LV429637	149.16	LV429647	181.18	LV429657	195.68
TM25D	LV429626	131.14	LV429636	149.16	LV429646	181.18	LV429656	195.68
TM32D	LV429625	131.14	LV429635	149.16	LV429645	181.18	LV429655	195.68
TM40D	LV429624	131.14	LV429634	149.16	LV429644	181.18	LV429654	195.68
TM50D	LV429623	131.14	LV429633	149.16	LV429643	181.18	LV429653	195.68
TM63D	LV429622	131.14	LV429632	149.16	LV429642	181.18	LV429652	195.68
TM80D	LV429621	135.04	LV429631	153.17	LV429641	215.60	LV429651	232.85
TM100D	LV429620	135.04	LV429630	153.17	LV429640	215.60	LV429650	232.85

Compact NSX160F fixed/FC Icu = 36kA @ 415V								
Rating	2P*	Price £	3P	Price £	4P3d	Price £	4P4d	Price£
TM80D	LV430623	198.97	LV430633	207.42	LV430643	308.39	LV430653	318.72
TM100D	LV430622	198.97	LV430632	207.42	LV430642	308.39	LV430652	318.72
TM125D	LV430621	198.97	LV430631	207.42	LV430641	308.39	LV430651	318.72
TM160D	LV430620	246.69	LV430630	268.05	LV430640	361.67	LV430650	373.80

Compact NSX250F fixed/FC Icu = 36kA @ 415V								
Rating	2P*	Price £	3P	Price £	4P3d	Price £	4P4d	Price£
TM125D	LV431623	230.64	LV431633	241.12	LV431643	391.92	LV431653	423.26
TM160D	LV431622	278.35	LV431632	306.99	LV431642	445.19	LV431652	460.10
TM200D	LV431621	278.35	LV431631	306.99	LV431641	445.19	LV431651	460.10
TM250D	LV431620	354.48	LV431630	413.79	LV431640	552.56	LV431650	571.08

Compact NSX100/160/250F with electronic trip unit Micrologic 2.2



Compact NSX100F fixed/FC Icu = 36kA @ 415V						
Rating	3P		Price £	4P3d4d		Price £
40	LV429772		252.90	LV429782		360.01
100	LV429770		252.90	LV429780		360.01

Compact NSX160F fixed/FC Icu = 36kA @ 415V						
Rating	3P		Price £	4P3d4d		Price £
100	LV430771		307.14	LV430781		452.85
160	LV430770		342.90	LV430780		467.17

Compact NSX250F fixed/FC Icu = 36kA @ 415V						
Rating	3P		Price £	4P3d4d		Price £
100	LV431772		340.80	LV431782		536.40
160	LV431771		426.02	LV431781		616.87
250	LV431770		494.78	LV431780		657.68

With electronic trip unit Micrologic 5.2 A (LSI protection, ammeter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

With electronic trip unit Micrologic 5.2 E (LSI protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

With electronic trip unit Micrologic 6.2 A (LSIG protection, ammeter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

With electronic trip unit Micrologic 6.2 E (LSIG protection, energy meter)

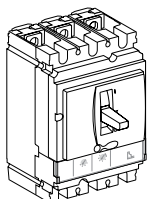
To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

see pages 13-15 for above reference numbers

* 3 pole frame size

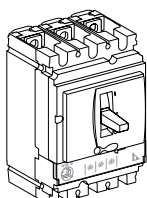
Note: TM-G, MA and ME versions do not have a combined single reference for the frame and trip unit, they are detailed as a separate frame and trip on 13-15.

Complete device (standard front 'FC' connections) Compact NSX100/160/250N with standard thermal-magnetic trip unit TM-D



Compact NSX100N fixed/FC Icu = 50kA @ 415V						
Rating	3P	Price £	4P	Price £	4P4d	Price£
TM16D	LV429847	169.11	LV429857	196.62	LV429867	212.34
TM25D	LV429846	169.11	LV429856	196.62	LV429866	212.34
TM32D	LV429845	169.11	LV429855	196.62	LV429865	212.34
TM40D	LV429844	169.11	LV429854	196.62	LV429864	212.34
TM50D	LV429843	169.11	LV429853	196.62	LV429863	212.34
TM63D	LV429842	169.11	LV429852	196.62	LV429862	212.34
TM80D	LV429841	172.72	LV429851	227.56	LV429861	245.76
TM100D	LV429840	172.72	LV429850	227.56	LV429860	245.76
Compact NSX160N fixed/FC Icu = 50kA @ 415V						
Rating	3P	Price £	4P	Price £	4P4d	Price£
TM80D	LV430843	230.79	LV430853	321.56	LV430863	347.28
TM100D	LV430842	230.79	LV430852	321.56	LV430862	347.28
TM125D	LV430841	230.79	LV430851	321.56	LV430861	347.28
TM160D	LV430840	290.10	LV430850	369.52	LV430860	399.05
Compact NSX250N fixed/FC Icu = 50kA @ 415V						
Rating	3P	Price £	4P	Price £	4P4d	Price£
TM125D	LV431833	296.80	LV431843	425.19	LV431853	459.20
TM160D	LV431832	356.11	LV431842	473.14	LV431852	510.98
TM200D	LV431831	356.11	LV431841	473.14	LV431851	510.98
TM250D	LV431830	450.31	LV431840	568.00	LV431850	613.43

Compact NSX100/160/250N with electronic trip unit Micrologic 2.2



Compact NSX100N fixed/FC Icu = 50kA @ 415V				
Rating	3P	Price £	4P	Price £
40	LV429797	262.46	LV429807	357.61
100	LV429795	262.46	LV429805	357.61
Compact NSX160N fixed/FC Icu = 50kA @ 415V				
Rating	3P	Price £	4P	Price £
100	LV430776	320.54	LV430786	464.48
160	LV430775	352.73	LV430785	475.02
Compact NSX250N fixed/FC Icu = 50kA @ 415V				
Rating	3P	Price £	4P	Price £
100	LV431872	386.55	LV431877	555.21
160	LV431871	483.19	LV431876	638.49
250	LV431870	523.16	LV431875	662.60

With electronic trip unit Micrologic 5.2 A (LSI protection, ammeter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

With electronic trip unit Micrologic 5.2 E (LSI protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

With electronic trip unit Micrologic 6.2 A (LSIG protection, ammeter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

With electronic trip unit Micrologic 6.2 E (LSIG protection, energy meter)

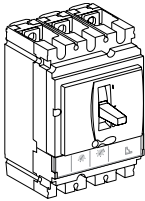
To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

see pages 13-15 for above reference numbers

Compact NSX100/160/250H

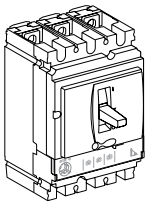
Complete device (standard front 'FC' connections)

Compact NSX100/160/250H with standard thermal-magnetic trip unit TM-D



Compact NSX100H fixed/FC Icu = 70kA @ 415V						
Rating	3P	Price £	4P	Price £	4P4d	Price£
TM16D	LV429677	187.88	LV429687	218.45	LV429697	235.92
TM25D	LV429676	187.88	LV429686	218.45	LV429696	235.92
TM32D	LV429675	187.88	LV429685	218.45	LV429695	235.92
TM40D	LV429674	187.88	LV429684	218.45	LV429694	235.92
TM50D	LV429673	187.88	LV429683	218.45	LV429693	235.92
TM63D	LV429672	187.88	LV429682	218.45	LV429692	235.92
TM80D	LV429671	191.90	LV429681	252.83	LV429691	273.05
TM100D	LV429670	191.90	LV429680	252.83	LV429690	273.05
Compact NSX160H fixed/FC Icu = 70kA @ 415V						
Rating	3P	Price £	4P	Price £	4P4d	Price£
TM80D	LV430673	256.42	LV430683	357.29	LV430693	385.86
TM100D	LV430672	256.42	LV430682	357.29	LV430692	385.86
TM125D	LV430671	256.42	LV430681	357.29	LV430691	385.86
TM160D	LV430670	322.32	LV430680	410.54	LV430690	443.39
Compact NSX250H fixed/FC Icu = 70kA @ 415V						
Rating	3P		4P		4P4d	Price£
TM125D	LV431673	329.80	LV431683	472.42	LV431693	510.20
TM160D	LV431672	395.64	LV431682	525.70	LV431692	567.73
TM200D	LV431671	395.64	LV431681	525.70	LV431691	567.73
TM250D	LV431670	500.32	LV431680	631.11	LV431690	681.59

Compact NSX100/160/250H with electronic trip unit Micrologic 2.2



Compact NSX100H fixed/FC Icu = 70kA @ 415V						
Rating	3P	Price £	4P	Price £	4P4d	Price£
40	LV429792	291.62	LV429802	397.35		
100	LV429790	291.62	LV429800	397.35		
Compact NSX160H fixed/FC Icu = 70kA @ 415V						
Rating	3P	Price £	4P	Price £	4P4d	Price£
100	LV430791	356.14	LV430801	501.75		
160	LV430790	391.91	LV430800	516.08		
Compact NSX250H fixed/FC Icu = 70kA @ 415V						
Rating	3P	Price £	4P	Price £	4P4d	Price£
100	LV431792	429.50	LV431802	616.91		
160	LV431791	536.89	LV431801	709.48		
250	LV431790	581.30	LV431800	736.23		

With electronic trip unit Micrologic 5.2 A (LSI protection, ammeter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

With electronic trip unit Micrologic 5.2 E (LSI protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

With electronic trip unit Micrologic 6.2 A (LSIG protection, ammeter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

With electronic trip unit Micrologic 6.2 E (LSIG protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

see pages 13-15 for above reference numbers

For Circuit Breaker with the following breaking capacity and protection unit combinations - please select from pages 13-15

S = I_{cu} = 100kA @ 415V

L = I_{cu} = 150kA @ 415V

Compact NSX100/160/250S/L with standard thermal-magnetic trip unit TM-D

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

Compact NSX100/160/250S/L with electronic trip unit Micrologic 2.2

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

Compact NSX100/160/250S/L with electronic trip unit Micrologic 5.2 A (LSI protection, ammeter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

Compact NSX100/160/250S/L with electronic trip unit Micrologic 5.2 E (LSI protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

Compact NSX100/160/250S/L with electronic trip unit Micrologic 6.2 A (LSIG protection, ammeter)

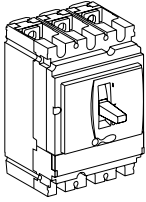
To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

Compact NSX100/160/250S/L with electronic trip unit Micrologic 6.2 E (LSIG protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

Compact NSX100/160/250NA switch-disconnector

Complete device (standard front 'FC' connections) Compact NSX100/160/250NA switch-disconnector



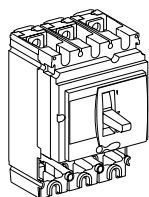
Compact NSX100NA fixed/FC				
Rating	3P	Price £	4P	Price £
100	LV429629	145.56	LV429639	177.61

Compact NSX160NA fixed/FC				
Rating	3P	Price £	4P	Price £
160	LV430629	199.84	LV430639	270.41

Compact NSX250NA fixed/FC				
Rating	3P	Price £	4P	Price £
250	LV431629	233.51	LV431639	353.94
For 2 pole use 3 pole device				

Compact NSX100/160/250 Vigicompact NSX100/160/250

Basic components



Fixed/front connection basic frame

Compact NSX100

	2P (3PFrame)	Price£	3P	Price£	4P3d	Price£
NSX100F (36 kA 380/415V)	LV429000	81.05	LV429003	91.91	LV429008	118.57
NSX100N (50 kA 380/415V)			LV429006	111.85	LV429011	134.01
NSX100H (70 kA 380/415V)			LV429004	130.65	LV429009	155.87
NSX100S (100 kA 380/415V)			LV429018	162.06	LV429019	194.84
NSX100L (150 kA 380/415V)			LV429005	359.98	LV429010	424.28

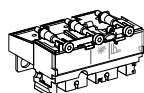
Compact NSX160

NSX160F (36 kA 380/415V)	LV430400	144.99	LV430403	146.06	LV430408	211.37
NSX160N (50 kA 380/415V)			LV430406	162.95	LV430411	219.21
NSX160H (70 kA 380/415V)			LV430404	195.16	LV430409	260.29
NSX160S (100 kA 380/415V)			LV430391	243.95	LV430396	325.35
NSX160L (150 kA 380/415V)			LV430405	399.49	LV430410	455.20

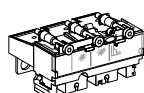
Compact NSX250

NSX250F (36 kA 380/415V)	LV431400	172.36	LV431403	175.45	LV431408	287.77
NSX250N (50 kA 380/415V)			LV431406	211.89	LV431411	303.15
NSX250H (70 kA 380/415V)			LV431404	261.98	LV431409	366.27
NSX250S (100 kA 380/415V)			LV431391	333.30	LV431396	487.11
NSX250L (150 kA 380/415V)			LV431405	672.22	LV431410	825.46

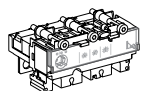
Standard protection trip unit TM-D



rating	for frame	2P (3P frame)	Price £	3P	Price £	4P3d	Price £	4P4d	Price£
TM16D	all	LV429027	50.08	LV429037	57.26	LV429047	62.60	LV429057	77.11
TM25D	all	LV429026	50.08	LV429036	57.26	LV429046	62.60	LV429056	77.11
TM32D	all	LV429025	50.08	LV429035	57.26	LV429045	62.60	LV429055	77.11
TM40D	all	LV429024	50.08	LV429034	57.26	LV429044	62.60	LV429054	77.11
TM50D	all	LV429023	50.08	LV429033	57.26	LV429043	62.60	LV429053	77.11
TM63D	all	LV429022	50.08	LV429032	57.26	LV429042	62.60	LV429052	77.11
TM80D	all	LV429021	54.02	LV429031	61.27	LV429041	97.02	LV429051	114.28
TM100D	all	LV429020	54.02	LV429030	61.27	LV429040	97.02	LV429050	114.28
TM125D	NSX160	LV430421	54.02	LV430431	61.27	LV430441	97.02	LV430451	114.28
TM160D	NSX160	LV430420	101.70	LV430430	127.14	LV430440	150.29	LV430450	179.24
TM160D	NSX250	LV431422	101.70	LV431432	127.14	LV431442	150.29	LV431452	179.24
TM200D	NSX250	LV431421	101.70	LV431431	127.14	LV431441	150.29	LV431451	179.24
TM250D	NSX250	LV431420	182.16	LV431430	238.39	LV431440	264.85	LV431450	309.03



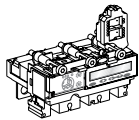
Standard protection: electronic trip unit Micrologic 2.2



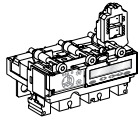
rating	for frame	3P	Price £	4P	Price £
Micrologic 2.2 40 A	all	LV429072	154.05	LV429082	241.48
Micrologic 2.2 100 A	all	LV429070	160.99	LV429080	241.48
Micrologic 2.2 160 A	NSX160, 250	LV430470	196.76	LV430480	255.81
Micrologic 2.2 250 A	NSX250	LV431470	319.35	LV431480	369.96

Compact NSX100/160/250

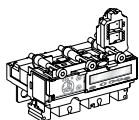
Vigicompact NSX100/160/250



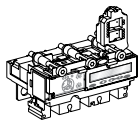
Micrologic 5.2 A (LSI protection, ammeter) (See Note 1)					
Rating	for frame	3P	Price £	4P 3d, 4P, 3P + N/2 3P + OSN	Price £
Micrologic 5.2 A 40 A	all	LV429091	434.42	LV429101	521.48
Micrologic 5.2 A 100 A	all	LV429090	434.42	LV429100	521.48
Micrologic 5.2 A 160 A	NSX160, 250	LV430490	478.06	LV430495	573.67
Micrologic 5.2 A 250 A	NSX250	LV431490	595.11	LV431495	714.14



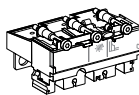
Micrologic 5.2 E (LSI protection, energy meter) (See Note 1)					
Rating	for frame	3P	Price £	4P 3d, 4P, 3P + N/2 3P + OSN	Price £
Micrologic 5.2 E 40 A	all	LV429096	499.57	LV429106	599.70
Micrologic 5.2 E 100 A	all	LV429095	499.57	LV429105	599.70
Micrologic 5.2 E 160 A	NSX160, 250	LV430491	593.52	LV430496	659.72
Micrologic 5.2 E 250 A	NSX250	LV431491	664.74	LV431496	821.26



Micrologic 6.2 A (LSIG protection, ammeter) (See Note 1)					
Rating	for frame	3P	Price £	4P 3d, 4P, 3P + N/2 3P + OSN	Price £
Micrologic 6.2 A 40 A	all	LV429111	543.01	LV429136	651.85
Micrologic 6.2 A 100 A	all	LV429110	543.01	LV429135	651.85
Micrologic 6.2 A 160 A	NSX160, 250	LV430505	597.57	LV430515	695.29
Micrologic 6.2 A 250 A	NSX250	LV431505	742.93	LV431515	856.96



Micrologic 6.2 E (LSIG protection, energy meter) (See Note 1)					
Rating	for frame	3P	Price £	4P 3d, 4P, 3P + N/2 3P + OSN	Price £
Micrologic 6.2 E 40 A	all	LV429116	597.31	LV429141	717.03
Micrologic 6.2 E 100 A	all	LV429115	597.31	LV429140	717.03
Micrologic 6.2 E 160 A	NSX160, 250	LV430506	657.33	LV430516	764.83
Micrologic 6.2 E 250 A	NSX250	LV431506	817.23	LV431516	942.66



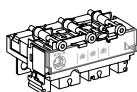
Type G protection: electronic trip unit TM-G (See Note 1)							
rating	for frame	2P(3P frame)	Price £	3P	Price £	4P3d	Price £
TM16G	all	LV429145	72.11	LV429155	72.11	LV429165	92.34
TM25G	all	LV429144	72.11	LV429154	72.11	LV429164	92.34
TM40G	all	LV429143	72.11	LV429153	72.11	LV429163	92.34
TM63G	all	LV429142	72.11	LV429152	72.11	LV429162	92.34

Type G protection: electronic trip unit Micrologic 2.2G (See Note 1)					
rating	for frame	3P	Price £	4P	Price £
Micrologic 2.2-G 40 A	all	LV429076	160.99	LV429086	224.97
Micrologic 2.2-G 100 A	all	LV429075	160.99	LV429085	224.97
Micrologic 2.2-G 160 A	NSX160, 250	LV430475	196.76	LV430485	336.43
Micrologic 2.2-G 250 A	NSX250	LV431475	327.32	LV431485	379.20

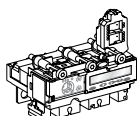
Motor protection: trip unit MA (See Note 1)					
rating	for frame	3P	Price £	4P	Price £
MA2.5	all	LV429125	43.29		
MA6.3	all	LV429124	43.29		
MA12.5	all	LV429123	43.29		
MA25	all	LV429122	47.44		
MA50	all	LV429121	47.44		
MA100	all	LV429120	47.44	LV429130	55.78
MA150	NSX160, 250	LV430500	94.79	LV430510	124.87
MA220	NSX250	LV431500	232.15	LV431510	271.84

Note 1: Electronic trip units are factory fitted and tested

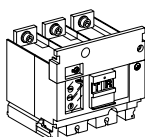
Compact NSX100/160/250 Vigicompact NSX100/160/250



Motor protection: trip unit Micrologic 2.2 M (See Note 1)			
rating	for frame	3P	Price £
Micrologic 2.2-M 25 A	all	LV429174	132.64
Micrologic 2.2-M 50 A	all	LV429172	132.64
Micrologic 2.2-M 100 A	all	LV429170	172.73
Micrologic 2.2-M 150 A	NSX160, 250	LV430520	201.59
Micrologic 2.2-M 220 A	NSX250	LV431520	356.63
contactor opening module		LV429424	167.18



Motor protection: trip unit Micrologic 6.2 E - M (Energy) (See Note 1)			
rating	for frame	3P	Price £
Micrologic 6.2 E-M 25 A	all	LV429184	627.18
Micrologic 6.2 E-M 50 A	all	LV429182	627.18
Micrologic 6.2 E-M 80 A	all	LV429180	627.18
Micrologic 6.2 E-M 150 A	NSX160, 250	LV430521	690.19
Micrologic 6.2 E-M 220 A	NSX250	LV431521	858.09
contactor opening module		LV429424	167.18

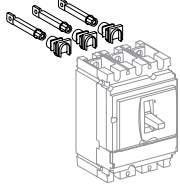


+ Vigi module					
type		3P	Price £	4P	Price £
ME type for NSX100/160 (200 to 440 V)		LV429212	278.59	LV429213	310.97
MH type for NSX100/160 (200 to 440 V)		LV429210	350.52	LV429211	417.02
MH type for NSX250 (200 to 440 V)		LV431535	553.63	LV431536	614.75
MH type for NSX100/160 (440 to 550 V)		LV429215	403.08	LV429216	479.58
MH type for NSX250 (440 to 550 V)		LV431533	636.67	LV431534	706.96
Connection for a 4P Vigi on a 3P breaker				LV429214	34.73
Shrouded Neutral Link	250A	NSNL250	41.15		

Note 1: Electronic trip units are factory fitted and tested.

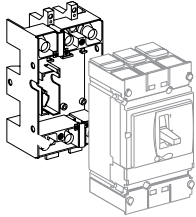
Installation accessories

Fixed/RC device = fixed/FC device + rear connection (RC) kit.



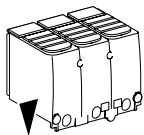
		3P	Price £	4P	Price £
Short RC kit					
Each kit requires: short RCs					
	3P	3x	LV429235	19.76	
	4P	4x			LV429235 19.76
Mixed RC kit					
Each kit requires:					
	3P		29239	52.82	4P 29240 72.99
kit 3P	short RCs	2x	LV429235	19.76	
	long RCs	1x	LV429236	29.53	
kit 4P	short RCs	2x			LV429235 19.76
	long RCs	2x			LV429236 29.53

Plug-in configuration = fixed/FC device + plug-in kit



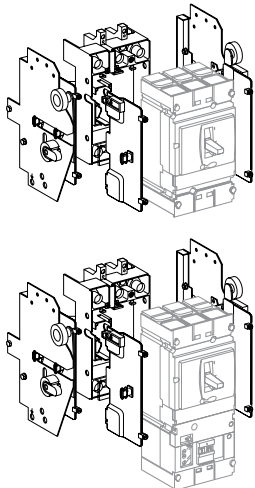
		2P (3P frame)	Price £	3P	Price £	4P	Price £
Complete kit for Compact		LV429288	110.38	LV429289	129.58	LV429290	169.98
Each kit comprises:	base	2P*		1x	LV429265	61.10	
		3P		1x	LV429266	69.80	
		4P		1x	LV429267	92.49	
	safety trip	3P/4P		1x	LV429270	6.62	
	short terminal shields	3P		2x	LV429515	10.86	
		4P		2x	LV429516	14.50	
	power connections	2P*		2x	LV429268	10.45	
		3P		3x	LV429268	10.45	
		4P		4x	LV429268	10.45	
Complete kit for Vigicompact				3P	Price £	4P	Price £
				LV429291	181.95	LV429292	233.14
Each kit comprises:	base	3P		1x	LV429266	69.80	
		4P		1x	LV429267	92.49	
	safety trip	3P/4P		1x	LV429270	6.62	
	short terminal shields	3P		2x	LV429515	10.86	
		4P		2x	LV429516	14.50	
	power connections	3P		3x	LV429269	27.91	
		4P		4x	LV429269	27.91	

Insulation accessories



					Price £
Long terminal shields kit for plug-in base requires (2 parts):					
1x adaptor	3P		1x	LV429306	10.86
	4P		1x	LV429307	14.91
1x long terminal shields	3P		1x	LV429517	11.18
	4P		1x	LV429518	14.88
Phase barriers kit for plug-in base requires (2 parts):					
1x adaptor	3P		1x	LV429306	10.86
	4P		1x	LV429307	14.91
1x phase barriers	set of 6		1x	LV429329	10.70

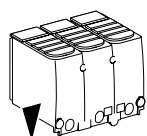
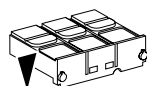
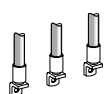
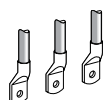
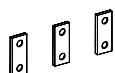
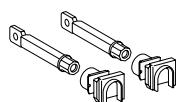
Withdrawable configuration = fixed/FC device + withdrawable kit



					Price £
Complete kit for Compact each kit requires (3 parts):					
1x plug-in kit	2P*		1x	LV429288	110.38
	3P		1x	LV429289	129.58
	4P		1x	LV429290	169.98
1x fixed part of chassis	2P/3P/4P		1x	LV429282	94.24
1x moving part of chassis	2P/3P/4P		1x	LV429283	36.65
Complete kit for Vigicompact each kit requires (3 parts):					
1x plug-in kit	3P		1x	LV429291	181.95
	4P		1x	LV429292	233.14
1x fixed part of chassis	3P/4P		1x	LV429282	94.24
1x moving part of chassis	3P/4P		1x	LV429283	36.65

* 3 pole frames only

Connection accessories



Rear connections			Price £	
2 short			LV429235	19.76
2 long			LV429236	29.53
Bare cable connectors				
Snap-on, for cable 1.5 to	95mm ² ; <160 A	set of 3	LV429242	9.43
		set of 4	LV429243	12.56
	185mm ² ; <250 A	set of 3	LV429259	22.09
		set of 4	LV429260	29.46
clips for bare-cable connector		set of 10	LV429241	7.76
distribution terminals for six 35mm ²		set of 3	LV429248	79.74
cables complete with phase barriers		set of 4	LV429249	106.93
Terminal extensions				
right-angle terminal extensions		set of 3	LV429261	10.83
		set of 4	LV429262	14.42
straight terminal extensions		set of 3	LV429263	20.94
		set of 4	LV429264	27.91
spreaders		3P	LV431563	20.94
		4P	LV431564	27.91
250A shrouded neutral link			NSNL250	41.15
Crimp lugs for copper cable				
for cable 120mm ²		set of 3	LV429252	22.72
		set of 4	LV429256	30.48
for cable 150mm ²		set of 3	LV429253	26.80
		set of 4	LV429257	35.87
for cable 185mm ²		set of 3	LV429254	32.83
		set of 4	LV429258	43.93
Crimp lugs for aluminium cable				
for cable 150mm ²		set of 3	LV429504	64.47
		set of 4	LV429505	86.10
for cable 185mm ²		set of 3	LV429506	67.88
		set of 4	LV429507	97.72
Terminal shields				
short 1x for breaker or plug in base		3P	LV429515	10.86
		4P	LV429516	14.50
long 1x for breaker or plug in base		3P	LV429517	11.18
		4P	LV429518	14.88
phase barriers		set of 6	LV429329	10.70
2 insulating screens (fixed breaker)		3P	LV429330	5.54
for use with spreader		4P	LV429331	8.28

Electrical auxiliaries

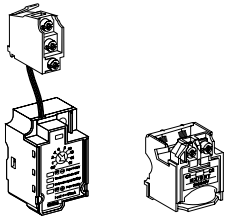


Auxiliary switch (changeover)		Price £	
OF or SD or SDE or SDV		29450	14.41
SDE adapter required for trip unit TM,MA or micrologic 2		LV429451	13.97
OF or SD or SDE or SDV low level		29452	18.54

SDx output module for Micrologic

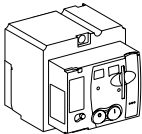
SDx module 24/415 V AC/DC	LV429532	126.07
---------------------------	----------	--------

SDTAM contactor tripping module (early-break thermal fault signal) for Micrologic 2.2-M/6.2 E-M



OF = breaker open/close
SDE = breaker tripped
SDV = Vigi fault indication

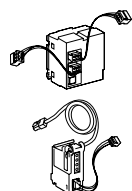
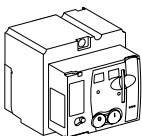
SDTAM 24/415 V AC/DC overload fault indication		LV429424		167.18		
Voltage releases		shunt trip		UVR		
AC 50/60 Hz		(V)	MX	Price £	MN	UVR
	24	LV429384	47.74	LV429404	68.23	
	48	LV429385	47.74	LV429405	68.23	
	110/130	LV429386	47.74	LV429406	68.23	
	200/240	LV429387	47.74	LV429407	68.23	
	380/440	LV429388	47.74	LV429408	68.23	
	525 (50 Hz)	LV429389	47.74	LV429409	68.23	
DC		(V)	MX		MN	
	12	LV429382	47.74	LV429402	68.23	
	24	LV429390	47.74	LV429410	68.23	
	30	LV429391	47.74	LV429411	68.23	
	48	LV429392	47.74	LV429412	68.23	
	125	LV429393	47.74	LV429413	68.23	
	250	LV429394	47.74	LV429414	68.23	
MN with time delay	= MN 250 V DC			LV429414	68.23	
220/240 V AC	+ time delay unit 220/240 V 50/60Hz			LV429427	65.58	



Motor mechanism modules

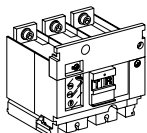
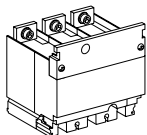
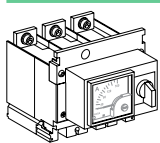
AC 50/60 Hz		voltage (V)	MT100/160		MT250	
	48/60	LV429440	357.74	LV431548	559.56	
	110/130	LV429433	357.74	LV431540	559.56	
	220/240	LV429434	357.74	LV431541	559.56	
	380/440			LV431542	559.56	
DC						
	24/30	LV429436	357.74	LV431543	559.56	
	48/60	LV429437	357.74	LV431544	559.56	
	110/130	LV429438	357.74	LV431545	559.56	
	250	LV429439	357.74	LV431546	559.56	
motor mechanism accessories					LV429449	40.14
locking device with Ronis keylock						

Communicating motor mechanism module supplied with SDE adapter



Motor mechanism modules		Price £	
MTc NSX100/160	220-240 V 50/60 Hz	LV429441	485.82
MTc NSX250	220-240 V 50/60 Hz	LV431549	688.62
+			
Breaker and Status	BSCM		
Communication Module		LV434205	109.48
+			
NSX cord	Wire length L = 0.35 m	LV434200	38.91
	Wire length L = 1.3 m	LV434201	41.35
	Wire length L = 3 m	LV434202	43.22

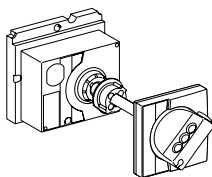
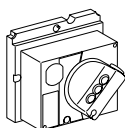
Indication & measurement modules



Ammeter module		Price £		Price £		Price £	
rating (A)	100		160		250		
3P	LV429455	362.51	LV430555	362.51	LV431565	362.51	
4P	LV429456	372.48	LV430556	372.48	LV431566	372.48	
I max. ammeter module							
rating (A)	100		160		250		
3P	LV434849	305.82	LV434850	305.82	LV434851	305.82	
Current transformer module with Voltage output							
rating (A)	125		150		250		
3P	LV429461	175.42	LV430561	175.42	LV431569	175.42	
4P	LV429462	199.31	LV430562	199.31	LV431570	199.31	
Insulation monitoring module							
3P					LV429459		322.86
4P					LV429460		383.94
Voltage presence indicator						LV429325	52.32

Operating handles

(1) Locking device LV429344 is required in combination with Ronis or Profalux key locks - one per lock



Direct rotary handles			
standard black handle		LV429337	48.85
red handle on yellow front		LV429339	65.83
MCC conversion accessory		LV429341	22.68
Standard extended rotary handle			
standard extended rotary handle		LV429338	69.80
red handle on yellow front		LV429340	86.76
telescopic handle for withdrawable device		LV429343	83.78
Accessories			
locking devices		LV429344	12.22
keylocks	Ronis 1351.500	41940⁽¹⁾	34.27
	Profalux KS5 B24 D4Z	42888⁽¹⁾	57.26
indication	1 early-break switch	LV429345	49.61
auxiliary	2 early-make switches	LV429346	43.88
Cable operated mechanism for flange handle			
for 3 pole breakers	cable length 914mm	37005	89.85
	cable length 1524mm	37006	94.68
	cable length 3048mm	37007	106.66
for 4 pole breakers	cable length 914mm	37010	94.19
	cable length 1524mm	37011	99.06
	cable length 3048mm	37012	112.89
Flange handle	grey paint finish	37003	90.35
	chrome finish	37004	166.62

Locking

Manual source changeover (2) Locking device 29344 is required in combination with Ronis or Profalux keylocks - one per lock (3) Requires castell lock type K, form 4 bolt protection is 19mm. Initial projection is flush. Remote controlled source changeover

Source changeover systems can only be supplied as complete units fitted with the required mains and standby circuit breakers.

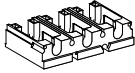
Toggle locking device for 3 padlocks			
removable		29370	10.30
fixed		LV429371	15.69
Mechanical interlocking			
for toggle controlled circuit breakers	NSX100...250	LV429354	65.05
for rotary handled circuit breakers	NSX100/160/250	LV429369	92.63
Keylock interlocking			
for rotary handled or remote controlled circuit breakers			
2 locks, 1 key	Ronis 1351.500	41950⁽²⁾	66.29
	Profalux KS5 B24 D4Z	42878⁽²⁾	97.63
Castell lock kit (locks not supplied) for fixed breaker with rotary handle		92325⁽³⁾	73.88
Plate + IVE		24/250V DC	
		48/415V AC 50/60Hz	
		Price £	
NSX100...250/NSX100...250		29351	527.92
composed of:	plate	29349	512.63
	IVE ⁽⁴⁾	29356	23.13
		29352	23.13
auxiliary switches 2OF + 2 SDE	4 x 29450	14.41	4 x 29450
			14.41
Control unit option		220/240V AC	
		50/60Hz	
		380/415V AC	
		50/60Hz 480V 60Hz	
ACP + control unit BA		29470	809.97
composed of:	plate ACP ⁽⁴⁾	29363	193.61
	control unit BA ⁽⁴⁾	29376	616.34
ACP + control unit UA		29472	965.14
composed of:	plate ACP ⁽⁴⁾	29363	193.61
	control unit UA ⁽⁴⁾	29378	772.89
cable loom between BA/UA & ACP/IVE		29368	58.01
		29368	58.01

(4) The supply voltages BA/VA control unit, ACP plate, IVE and the remote control must be identical whatever the source changeover type.

Connection accessories

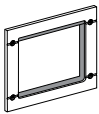
Downstream coupling devices (fixed breakers only)					Price £
"normal"	/"replacement"				
NSX100...250	/NSX100...250	250A	3P	29358	121.85
			4P	29359	139.61

Connection accessories plug-in base



1 connection adapter for plug-in base	3P	LV429306	10.86
	4P	LV429307	14.91

Installation accessories



Front-panel escutcheons			
Vigi module		LV429316	6.98
Toggle, rotary handle, motor mechanism module or extended escutcheon, IP40		LV429317	15.69
Vigi module or ammeter IP40		LV429318	26.58
Toggle cover IP43		LV429319	41.95
Sealing accessories		LV429375	8.57
Micrologic IP30		LV429526	16.00

Plug-in/withdrawable configuration accessories

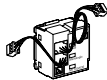
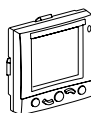
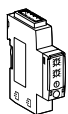





Parts of plug-in kit			
plug-in base FC/RC	2P (3P frame)	LV429265	61.10
	3P	LV429266	69.80
	4P	LV429267	92.49
set of 2 power connections for	standard	LV429268	10.45
	Vigi module	LV429269	27.91
safety trip for advanced opening		LV429270	6.62
Parts of withdrawable kit (added to plug-in kit)			
fixed part (for base)	3P/4P	LV429282	94.24
moving part (for circuit breaker)		LV429283	36.65
Auxiliary connections			
1 9-wire fixed connector (for base)		LV429273	17.48
1 9-wire moving connector (for circuit breaker)		LV429274	13.97
1 support for 2 moving connectors		LV429275	5.74
9-wire manual auxiliary connector (fixed+moving)		LV429272	40.14
Plug-in base accessories			
long insulated terminals	Set of 2	LV429276	33.05
2 IP4 shutters for base		LV429271	18.52
Withdrawable chassis accessories			
extended escutcheon	toggle	LV429284	26.18
	Vigi module	LV429285	22.68
locking devices (not included)		LV429286	36.65
2 position indicating switches (connected/disconnected)		LV429287	37.87

Spare parts

12 snap-in nuts (fixed/FC)			
M6 for NSX100N/H/L		LV429234	16.06
M8 for NSX160/250N/H/L		LV430554	17.06
10 toggle extensions		LV429313	19.67
Compact NS retrofit escutcheon		LV429528	7.95

Individual enclosures - please refer to our publications: Safepact and Minipact ranges.

Monitoring and control (remote operation)

Circuit breaker accessories			Price £
	Breaker Status Control Module	BSCM (1)	LV434205 109.48
ULP display module (2)			
	Switchboard front display module FDM121		TRV00121 207.30
	FDM mounting accessory (diameter 22 mm)		TRV00128 36.39
ULP communication module			
	Modbus interface	Modbus SL communication interface module	TRV00210 107.86
ULP wiring accessories			
	NSX cord L = 0.35 m		LV434200 38.91
	NSX cord L = 1.3 m		LV434201 41.35
	NSX cord L = 3 m		LV434202 43.22
	10 stacking connectors for communication interface modules		TRV00217 26.42
	10 Modbus line terminators		VW3A8306DRC 12.00
	RS 485 roll cable (4 wires, length 60 m)		50965 334.65
	5 RJ45 connectors female/female		TRV00870 20.65
	10 ULP line terminators		TRV00880 10.76
	10 RJ45/RJ45 male cord L = 0.3 m		TRV00803 22.95
	10 RJ45/RJ45 male cord L = 0.6 m		TRV00806 31.07
	5 RJ45/RJ45 male cord L = 1 m		TRV00810 25.68
	5 RJ45/RJ45 male cord L = 2 m		TRV00820 29.59
	5 RJ45/RJ45 male cord L = 3 m		TRV00830 48.83
	1 RJ45/RJ45 male cord L = 5 m		TRV00850 15.21
Power supply modules (*)			
	External power supply module 100-240 V AC 110-230 V DC / 24 V DC-3 A class 2		(*)
Battery module			
	24 V DC battery module		54446 326.10


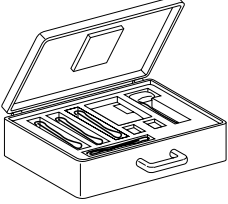
(1) SDE adapter mandatory for trip unit TM, MA or Micrologic 2 (LV429451).

(2) For measurement display with Micrologic A and E or status display with BSCM.

(*) Consult us.

Compact NSX100/160/250F/N/H/S/L

Test tool, software, demo

Test tool		Part number	Price £
	Pocket battery for Micrologic NSX100-630	LV434206	99.53
	Maintenance case Comprising: - USB maintenance interface - Power supply - Micrologic cord - USB cord - RJ45/RJ45 male cord	TRV00910	2775.32
	Spare USB maintenance interface	TRV00911	1986.82
	Spare power supply 110-240 V AC	TRV00915	102.45
	Spare Micrologic cord for USB maintenance interface	TRV00917	196.09
	Bluetooth/Modbus option for USB maintenance interface	VW3A8114	(1)

Software

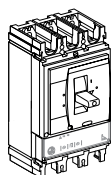
Configuration and setting software RSU	LV4ST100	(2)
Test software LTU	LV4ST121	(2)
Monitoring software RCU	LV4SM100	(2)

(1) Contact us.

(2) Downloadable from <http://schneider-electric.com>.

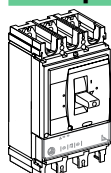
Complete device (standard front 'FC' connection)

Compact NSX400/630N with electronic trip unit Micrologic 2.3 (LSOI protection)



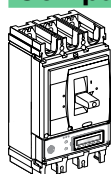
Icu = 50kA @ 415V		3P	Price £	4P	Price £
Compact NSX400N	fixed/FC	LV432693	572.39	LV432694	761.97
Compact NSX630N	fixed/FC	LV432893	962.27	LV432894	1261.01

Compact NSX400/630H with electronic trip unit Micrologic 2.3 (LSOI protection)



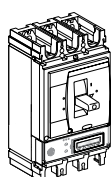
Icu = 70kA @ 415V		3P	Price £	4P	Price £
Compact NSX400H	fixed/FC	LV432695	638.57	LV432696	829.95
Compact NSX630H	fixed/FC	LV432895	1073.21	LV432896	1352.26

Compact NSX400/630N with electronic trip unit Micrologic 5.3 A (LSI protection, ammeter)



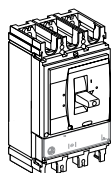
Icu = 50kA @ 415V		3P	Price £	4P	Price £
Compact NSX400N	fixed/FC	LV432699	990.94	LV432700	1310.74
Compact NSX630N	fixed/FC	LV432899	1478.54	LV432900	1927.35

Compact NSX400/630H with electronic trip unit Micrologic 5.3 A (LSI protection, ammeter)



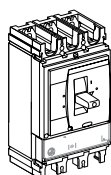
Icu = 70kA @ 415V		3P	Price £	4P	Price £
Compact NSX400H	fixed/FC	LV432701	1057.12	LV432702	1378.72
Compact NSX630H	fixed/FC	LV432901	1589.45	LV432902	2018.58

Compact NSX400/630N with trip Electronic trip unit Micrologic 1.3-M A (I motor protection)



Icu = 50kA @ 415V		3P	Price £
NSX400N 1.3-M 320A	fixed/FC	LV432749	750.75
NSX630N 1.3-M 500A	fixed/FC	LV432949	1140.66

Compact NSX400/630N with trip Electronic trip unit Micrologic 2.3-M A (LSOI motor protection)



Icu = 50kA @ 415V		3P	Price £
NSX400N 2.3-M 320A	fixed/FC	LV432776	913.54
NSX630N 2.3-M 500A	fixed/FC	LV432976	1303.46

With electronic trip unit Micrologic 5.3 E (LSI protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

With electronic trip unit Micrologic 6.3 A (LSIG protection, ammeter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

With electronic trip unit Micrologic 6.3 E (LSIG protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

With electronic trip unit Micrologic 6.3 E-M (LSIG motor protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

Please select from 26

Compact NSX400/630S/L

For Circuit Breaker with the following breaking capacity and protection unit combinations - please select from 26

S = I_{cu} = 100kA @ 415V

L = I_{cu} = 150kA @ 415V

Compact NSX400/630S/L with electronic trip unit Micrologic 2.3 (LSOI protection)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

Compact NSX400/630S/L with electronic trip unit Micrologic 2.3 (LSOI protection)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

Compact NSX400/630S/L with electronic trip unit Micrologic 5.3 A (LSI protection, ammeter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

Compact NSX400/630S/L with electronic trip unit Micrologic 5.3 A (LSI protection, ammeter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

Compact NSX400/630S/L with trip Electronic trip unit Micrologic 1.3-M A (I motor protection)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

Compact NSX400/630S/L with trip Electronic trip unit Micrologic 2.3-M A (LSOI motor protection)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

With electronic trip unit Micrologic 5.3 E (LSI protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

With electronic trip unit Micrologic 6.3 A (LSIG protection, ammeter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

With electronic trip unit Micrologic 6.3 E (LSIG protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

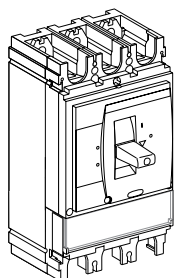
With electronic trip unit Micrologic 6.3 E-M (LSIG motor protection, energy meter)

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

Compact NSX400/630NA

Compact NS400/630H for DC applications

Complete device (standard front 'FC' connections) Compact NSX400/630NA switch-disconnector



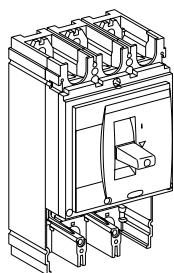
		3P	Price £	4P	Price £
Compact NSX400NA	fixed/FC	LV432756	490.10	LV432757	699.38
Compact NSX630NA	fixed/FC	LV432956	699.38	LV432957	974.83

Complete device (standard front 'FC' connection) Compact NS400/630H with trip unit MP for DC applications

		3P	Price £
MP1			
Compact NS400H	fixed/FC	32742	949.71
Compact NS630H	fixed/FC	32942	1394.52
MP2			
Compact NS400H	fixed/FC	32743	1123.44
Compact NS630H	fixed/FC	32943	1394.52
MP3			
Compact NS630H	fixed/FC	32944	1394.52

Compact NSX400/630N/H/S/L

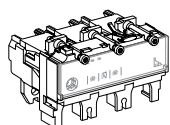
Comprising:



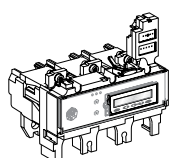
fixed/FC basic frame	3P	Price £	4P	Price £
Compact NSX400				
NSX400N (50 kA 380/415 V)	LV432403	339.85	LV432408	529.44
NSX400H (70 kA 380/415 V)	LV432404	406.03	LV432409	597.42
NSX400S (100 kA 380/415 V)	LV432414	544.57	LV432416	794.58
NSX400L (150 kA 380/415 V)	LV432405	866.26	LV432410	1059.21
Compact NSX630				
NSX630N (50 kA 380/415 V)	LV432803	729.77	LV432808	1028.50
NSX630H (70 kA 380/415 V)	LV432804	840.69	LV432809	1119.74
NSX630S (100 kA 380/415 V)	LV432814	1118.11	LV432816	1489.27
NSX630L (150 kA 380/415 V)	LV432805	1354.05	LV432810	1636.68

+ Trip unit

Distribution protection



Micrologic 2.3 (LSOI protection)		Price £		Price £
Rating	3P 3d		4P 3d, 4d, 3d + N/2	
Micrologic 2.3 250 A	LV432082	232.53	LV432086	232.53
Micrologic 2.3 400 A	LV432081	232.53	LV432085	232.53
Micrologic 2.3 630 A	LV432080	232.53	LV432084	232.53



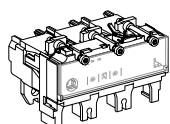
Micrologic 5.3 A (LSI protection, ammeter)		Price £		Price £
Rating	3P 3d		4P 3d,4d,3d+N/23d+OSN	
Micrologic 5.3 A 400 A	LV432091	651.09	LV432094	781.30
Micrologic 5.3 A 630 A	LV432090	748.77	LV432093	898.85

Micrologic 5.3 E (LSI protection, energy meter)		Price £		Price £
Rating	3P 3d		4P 3d,4d,3d+N/23d+OSN	
Micrologic 5.3 E 400 A	LV432097	716.21	LV432100	859.45
Micrologic 5.3 E 630 A	LV432096	823.64	LV432099	988.37

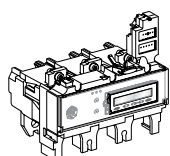
Micrologic 6.3 A (LSIG protection, ammeter)		Price £		Price £
Rating	3P 3d		4P 3d,4d,3d+N/23d+OSN	
Micrologic 6.3 A 400 A	LV432103	813.58	LV432106	976.31
Micrologic 6.3 A 630 A	LV432102	947.19	LV432105	1089.27

Micrologic 6.3 E (LSIG protection, energy meter)		Price £		Price £
Rating	3P 3d		4P 3d,4d,3d+N/23d+OSN	
Micrologic 6.3 E 400 A	LV432109	935.62	LV432112	1122.73
Micrologic 6.3 E 630 A	LV432108	1089.27	LV432111	1307.13

Motor Protection

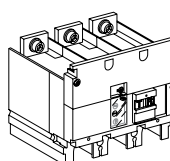


Micrologic 1.3-M (I protection)		Price £		Price £
Rating	3P 3d		4P 3d	
Micrologic 1.3-M 320 A	LV432069	410.90	LV432078	431.10
Micrologic 1.3-M 500 A	LV432068	410.90	LV432077	431.10



Micrologic 2.3-M (LSOI protection)		Price £
Rating	3P 3d	
Micrologic 2.3-M 320 A	LV432072	573.69
Micrologic 2.3-M 500 A	LV432071	573.69

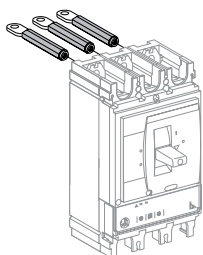
Micrologic 6.3 E-M (LSIG protection, energy meter)		Price £
Rating	3P 3d	
Micrologic 6.3 E-M 320 A	LV432075	1010.47
Micrologic 6.3 E-M 500 A	LV432074	1176.41



+ Vigi module	3P	Price £	4P	Price £	
type MB	220 to 440V	LV432455	610.82	LV432456	680.61
	440 to 550V	LV432453	671.87	LV432454	748.70
connection for a 4P Vigi on a 3P breaker				LV432457	25.41
For control units for U > 525V, please refer to Merlin Gerin					
Shrouded Neutral Link	630A		NSNL630	90.03	

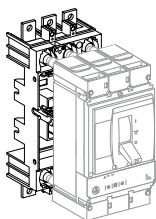
Note: The frame and trip are supplied factory assembled, as are the trip unit options; whereas the Vigi modules are supplied as loose items

Installation accessories

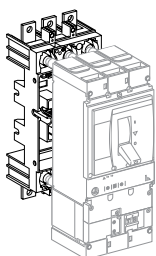


Fixed/RC device = fixed/FC device + rear connection (RC) kit 3P		Price £	4P	Price £
Requires mixed RC kit each kit requires:				
kit 3P	short RCs	2x	LV432475	30.48
	long RCs	1x	LV432476	60.49
kit 4P	short RCs	2x	LV432475	30.48
	long RCs	2x	LV432476	60.49

Plug-in configuration = fixed/FC device + plug-in kit

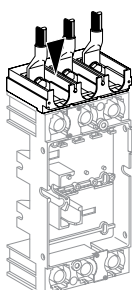


		3P	Price £	4P	Price £
Complete kit for Compact		LV432538	277.70	LV432539	361.66
each kit comprises:	base	3P	1x	LV432516	181.31
		4P	1x	LV432517	235.51
	safety trip	3P/4P	1x	LV432520	7.13
	short terminal shields	3P	2x	LV432591	21.78
		4P	2x	LV432592	29.02
	power connections	3P	3x	LV432518	15.25
	4P	4x	LV432518	15.25	



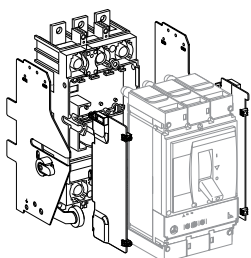
		3P	Price £	4P	Price £
Complete kit for Vigicompact		LV432540	353.94	LV432541	463.34
each kit comprises:	base	3P	1x	LV432516	181.31
		4P	1x	LV432517	235.51
	safety trip	3P/4P	1x	LV432520	7.13
	short terminal shields	3P	2x	LV432591	21.78
		4P	2x	LV432592	29.02
	power connections	3P	3x	LV432519	43.95
	4P	4x	LV432519	43.95	

Insulation accessories



		3P	Price £	4P	Price £
Long terminal shields kit for plug-in base requires (2 Parts):					
adaptor	3P (2 x required)	1x	LV432584	21.75	
	4P (2 x required)	1x	LV432585	29.89	
long terminal shields	3P (2 x required)	1x	LV432593	22.44	
	4P (2 x required)	1x	LV432594	29.90	
Phase barriers kit for plug-in base requires (2 Parts):					
adaptor	3P (2 x required)	1x	LV432584	21.75	
	4P (2 x required)	1x	LV432585	29.89	
phase barriers	set of 6	1x	LV432570	15.25	

Withdrawable configuration = fixed/FC device + withdrawable kit



Complete kit for Compact each kit requires (3 Parts):		3P	Price £	4P	Price £
1x plug-in kit	3P	LV432538	277.70		
	4P			LV432539	
1x fixed part of chassis	3P/4P	LV432532	114.37	LV432532	114.37
1x moving part of chassis	3P/4P	LV432533	38.13	LV432533	38.13
Complete kit for Vigicompact each kit requires (3 Parts):					
1x plug-in kit	3P	LV432540	353.94	LV432540	353.94
	4P			LV432541	463.34
1x fixed part of chassis	3P/4P	LV432532	114.37	LV432532	114.37
1x moving part of chassis	3P/4P	LV432533	38.13	LV432533	38.13

Fixed/FC configuration 52.5 mm = fixed FC configuration 45 mm pitch + spreaders

Pitch of all Compact and Vigicompact NSX400/630/N/H/S/L is 45 mm.

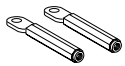
A set of spreaders is available for connection : fixed front connections or withdrawable with pitch of 52.5

Upline or downline clearance

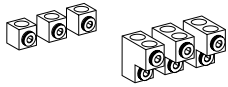
525 mm	3P	LV432490	34.84
	4P	LV432491	46.45

Note: If any internal accessories are required for plug-in and withdrawable devices, add the necessary auxiliary connectors (LV429273 + LV432523 etc.)

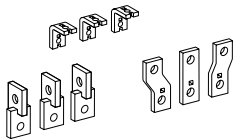
Connection accessories



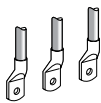
Rear connections			
2 short		LV432475	30.48
2 long		LV432476	60.49



Bare cable connectors			
for 1 cable from 35 to 300mm ²	set of 3	LV432479	52.86
	set of 4	LV432480	71.31
for 2 cable from 95 to 240mm ²	set of 3	LV432481	70.30
	set of 4	LV432482	76.25

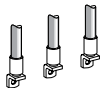


Terminal extensions				
right-angle terminal extensions	set of 3	LV432484	40.86	
	set of 4	LV432485	46.74	
straight terminal extensions	set of 3	LV432486	91.11	
	set of 4	LV432487	121.48	
spreaders	525 pitch	3P	LV432490	34.84
supplied with 2 (or 3) phase barriers		4P	LV432491	46.45
630A shrouded neutral link		NSNL630	90.03	

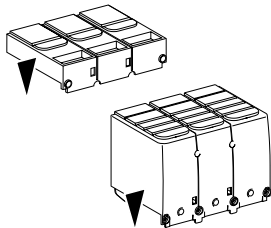


Crimp lugs for copper cable			
for cable 240mm ²	set of 3	LV432500	31.52
	set of 4	LV432501	42.27
for cable 300mm ²	set of 3	LV432502	36.25
	set of 4	LV432503	48.60

supplied with 2 (or 3) phase barriers



Crimp lugs for aluminium cable			
for cable 240mm ²	set of 3	LV429504	64.47
	set of 4	LV429505	86.10
for cable 300mm ²	set of 3	LV429506	67.88
supplied with 2 (or 3) phase barriers	set of 4	LV429507	97.72



Terminal shields				
short, 45 mm (1 shield)	3P	LV432591	21.78	
	4P	LV432592	29.02	
long, 45 mm (1 shield)	3P	LV432593	22.44	
	4P	LV432594	29.90	
for spreaders, 525 mm (1 shield)	3P	LV432595	34.68	
	4P	LV432596	35.70	
phase barriers	set of 6	LV432570	15.25	
	70 mm pitch	3P	LV432578	15.60
		4P	LV432579	16.64

Electrical auxiliaries



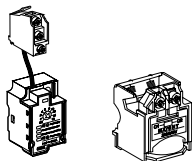
Auxiliary switch (changeover)			
OF or SD or SDE or SDV		29450	14.41
OF or SD or SDE or SDV low level		29452	18.54

SDx output module for Micrologic

SDx module 24/415 V AC/DC	LV429532	126.07
---------------------------	----------	--------

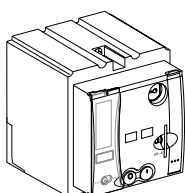
SDTAM contactor tripping module (early-break thermal fault signal) for Micrologic 2.2-M/6.2 E-M

SDTAM 24/415 V AC/DC overload fault indication	LV429424	167.18
--	----------	--------



Voltage releases		shunt trip		UVR	
AC 50/60 Hz	(V)	MX	Price £	MN	
	24	LV429384	47.74	LV429404	68.23
	48	LV429385	47.74	LV429405	68.23
	110/130	LV429386	47.74	LV429406	68.23
	200/240	LV429387	47.74	LV429407	68.23
	380/440	LV429388	47.74	LV429408	68.23
	525 (50 Hz)	LV429389	47.74	LV429409	68.23
DC	(V)	MX		MN	
	12	LV429382	47.74	LV429402	68.23
	24	LV429390	47.74	LV429410	68.23
	30	LV429391	47.74	LV429411	68.23
	48	LV429392	47.74	LV429412	68.23
	125	LV429393	47.74	LV429413	68.23
	250	LV429394	47.74	LV429414	68.23
MN with time delay	= MN 250 V DC			LV429414	65.58
220/240 V AC	+ time delay unit 220/240 V 50/60 Hz			LV429427	

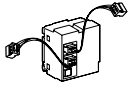
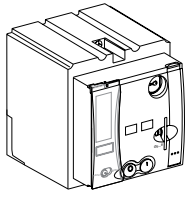
OF = breaker open/close
SDE = breaker tripped
SDV = Vigi fault indication



Motor mechanism modules		MT400 - 630	
AC 50/60 Hz	voltage (V)		
	48 (50 Hz)	LV432639	677.10
	110/130	LV432640	677.10
	220/240	LV432641	677.10
	380/415	LV432642	677.10
	440/480	LV432647	677.10
DC	voltage (V)		
	24/30	LV432643	677.10
	48/60	LV432644	677.10
	110/130	LV432645	677.10
	250	LV432646	677.10

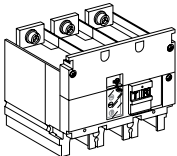
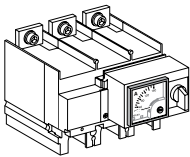
Motor mechanism accessories			
Locking device for Ronis/Profalux keylock (locks not included)		LV432649	27.13
Operations counter		LV432648	88.39

Communicating motor mechanism module



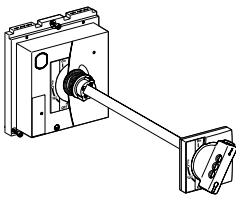
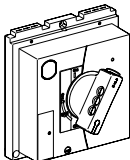
Motor mechanism modules				Price £
Motor mechanism module	MTc NSX400-630	220-240 V 50/60 Hz	LV432652	908.01
+				
Breaker and Status Communication Module	BSCM		LV434205	109.48
+				
NSX cord	Wire length L = 0.35 m		LV434200	38.91
	Wire length L = 1.3 m		LV434201	41.35
	Wire length L = 3 m		LV434202	43.22

Indication and measurement modules



Operating handles

(1) Locking device LV32604 is required in conjunction with Ronis or Profalux key Locks - one per lock



Locking

Manual source changeover
(2) Requires castell lock type k, form 4

bolt projection = 19mm
initial projection is flush

Remote controlled
source changeover

Ammeter module				
rating (A)	400	Price £	630	Price £
3P	LV432655	497.92	LV432855	497.92
4P	LV432656	561.02	LV432856	561.02
Ammeter module 1 max.				
rating (A)	400		630	
3P	LV434852	397.22	LV434853	397.23
Current transformer module with Voltage Output				
rating (A)	400		630	
3P	LV432653	235.94	LV432861	235.94
4P	LV432654	262.83	LV432862	262.83
Insulation monitoring module				
3P			LV432659	524.00
4P			LV432660	547.74
Voltage presence indicator				
			LV432566	73.43
Direct rotary handle				
standard black handle			LV432597	66.10
red handle on yellow front			LV432599	83.06
MCC conversion accessory			LV432606	39.98
Extended rotary handle				
standard extended rotary handle			LV432598	86.42
red handle on yellow front			LV432600	103.37
telescopic handle for withdrawable device			LV432603	99.97
Accessories				
locking device			LV432604	12.22
keylocks	Ronis 1351.500		41940*	34.27
	Profalux KS5 B24 D4Z		42888*	57.26
indication auxiliary	1 early-break switch		LV432605	50.13
	2 early-make switches		LV429346	43.88
Cable operated mechanism for flange handle				
for 3 pole breakers	cable length 914mm		36025	151.51
	cable length 1524mm		36026	157.12
	cable length 3048mm		36027	170.38
for 4 pole breakers	cable length 914mm		36030	158.84
	cable length 1524mm		36031	162.88
	cable length 3048mm		36032	176.75
Flange handle	grey paint finish		37003	90.35
	chrome finish		37004	166.62
Toggle locking device for 3 padlocks				
removable			29370	10.30
fixed			LV432631	14.55
Mechanical interlocking				
for toggle controlled circuit breakers	NSX400...630		LV432614	93.16
for rotary handled circuit breakers	NSX400...630		LV432621	97.05
Keylock interlocking				
for rotary handled or remote controlled circuit breakers				
2 locks, 1 key	Ronis 1351.500		41950 ⁽¹⁾	66.29
	Profalux KS5 B24 D4Z		42878 ⁽¹⁾	97.63
Castell lock kit (locks not supplied) for fixed breaker with rotary handle			92325 ⁽²⁾	73.88
Plate + IVE				
			24/250V DC	48/415V AC 50/60Hz
		Price £		Price £
NSX400...630/NSX100...630		636.18	32610	636.18
composed of:	plate	585.20	32609	585.20
	IVE(*)	23.13	29352	23.13
auxiliary switches 2OF + 2 SDE	4 x 29450	14.41	4 x 29450	14.41
plug-in:	1 x 32618	41.48	1 x 32618	41.48
Control unit option				
			220/240V AC	380/415V AC 50/60Hz
		Price £		Price £
ACP + control unit BA		809.97	29471	809.97
composed of:	plate ACP (*)	193.61	29363	193.61
	control unit BA (*)	616.34	29377	616.34
ACP + control unit UA		965.14	29473	965.14
composed of:	plate ACP (*)	193.61	29364	193.61
	control unit UA (*)	772.89	29380	772.89
cable loom between BA/UA & ACP/IVE		58.01	29368	58.01

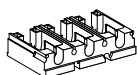
(*) The supply voltages BA/VA control unit, ACP plate, IVE and the remote control must be identical whatever the source changeover type.

Accessories

Connection accessories

Downstream coupling devices				Price £
"normal"	/"replacement"			
NSX400...630	/NSX400...630	630A	3P	32619 207.39
			4P	32620 238.24

Connection accessories plug-in base



1 connection adapter for plug-in base	3P	LV432584	21.75
	4P	LV432585	29.89

Installation accessories

Front panel escutcheons			
Vigi module		LV429316	6.98
Toggle, rotary handle, motor mechanism module or extended escutcheon, IP40		LV432558	25.41
Vigi module or ammeter IP40		LV429318	26.58
Toggle cover		LV432560	38.98
Sealing accessories		LV429375	8.57
Micrologic IP30		LV432559	25.92

Plug-in/withdrawable configuration accessories

Auxiliary connections			
1 fixed withdrawable part with 9 wires (for base)		LV429273	17.48
1 moving withdrawable part with 9 wires (for circuit breaker)		LV432523	13.53
1 support for 3 moving connectors		LV432525	5.46
9-wire manual auxiliary connector (fixed + moving)		LV429272	40.14
Plug-in base accessories			
long insulated terminals	Set of 2	LV432526	25.54
2 IP4 shutters for base		LV432521	16.95
Chassis accessories			
extended escutcheon	toggle	LV432534	30.48
	Vigi	LV429285	22.68
locking devices (not included)		LV429286	36.65
2 position indicating switches (connected/disconnected)		LV429287	37.87
Parts of plug-in kit			
plug-in base FC/RC	3P	LV432516	181.31
	4P	LV432517	235.51
set of 2 power connections for	standard	LV432518	15.25
	Vigi	LV432519	43.95
safety trip for advanced opening		LV432520	7.13
Parts of withdrawable kit			
fixed part (for base)	3P/4P	LV432532	114.37
moving part (for circuit breakers)		LV432533	38.13

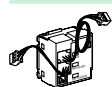
Spare parts

Screwbag		LV432552	5.58
----------	--	-----------------	------

Individual enclosures - please refer to our publications: Safepact and Minipact ranges.

Monitoring and control (remote operation)

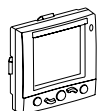
Circuit breaker accessories



		Price £
Breaker Status Control Module	BSCM	109.48

LV434205

ULP display module (1)

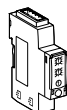


Switchboard front display module	FDM121	207.30
FDM mounting accessory (diameter 22 mm)		36.39

TRV00121

TRV00128

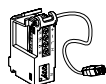
ULP communication module



Modbus interface	Modbus SL communication interface module	107.86
------------------	--	--------

TRV00210

ULP wiring accessories



NSX cord L = 0.35 m		38.91
NSX cord L = 1.3 m		41.35
NSX cord L = 3 m		43.22
NSX cord for U > 480 V AC L = 0.35 m		P.O.A.

LV434200

LV434201

LV434202

LV434204



10 stacking connectors for communication interface modules		26.42
--	--	-------

TRV00217



RS 485 roll cable (4 wires, length 60 m)		334.65
--	--	--------

50965



5 RJ45 connectors female/female		20.65
---------------------------------	--	-------

TRV00870



10 ULP line terminators		10.76
-------------------------	--	-------

TRV00880

10 RJ45/RJ45 male cord L = 0.3 m		22.95
----------------------------------	--	-------

TRV00803

10 RJ45/RJ45 male cord L = 0.6 m		31.07
----------------------------------	--	-------

TRV00806

5 RJ45/RJ45 male cord L = 1 m		25.68
-------------------------------	--	-------

TRV00810

5 RJ45/RJ45 male cord L = 2 m		29.59
-------------------------------	--	-------

TRV00820

5 RJ45/RJ45 male cord L = 3 m		48.83
-------------------------------	--	-------

TRV00830

1 RJ45/RJ45 male cord L = 5 m		15.21
-------------------------------	--	-------

TRV00850

Power supply modules (*)

External power supply module 100-240 V AC 110-230 V DC / 24 V DC-3 A class 2		(*)
--	--	-----

(*)

Battery module


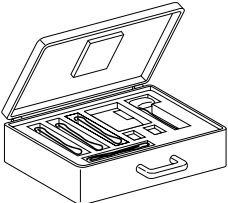
24 V DC battery module		326.10
------------------------	--	--------

54446

(1) For measurement display with Micrologic A and E or status display with BSCM.

(*) Consult us.

Test tool, software, demo

Test tool		Price £
	Pocket battery for Micrologic NSX100-630	LV434206 99.53
	Maintenance case	TRV00910 2775.32
	Comprising:	
	- USB maintenance interface	
	- Power supply	
	- Micrologic cord	
	- USB cord	
	- RJ45/RJ45 male cord	
	Spare USB maintenance interface	TRV00911 1986.82
	Spare power supply 110-240 V AC	TRV00915 102.45
	Spare Micrologic cord for USB maintenance interface	TRV00917 196.09
	Bluetooth/Modbus option for USB maintenance interface	VW3A8114 92.00 (1)
Software	Configuration and setting software RSU	LV4ST100 (2)
	Test software LTU	LV4ST121 (2)
	Monitoring software RCU	LV4SM100 (2)

(1) Contact us.

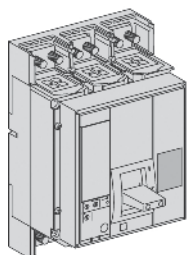
(2) Downloadable from <http://schneider-electric.com>.

NS630b to NS1600

fixed manually operated

complete device

Front-connected circuit breaker with Micrologic 2.0 control unit

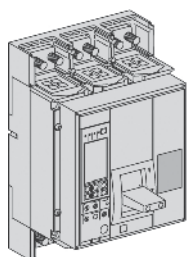


Compact NS type N				
Icu = 50 kA at 220/415 V	3P	Price £	4P	Price £
NS630b	33460	1132.27	33463	1331.17
NS800	33466	1217.40	33469	1454.14
NS1000	33472	1418.84	33475	1818.77
NS1250	33478	1757.29	33480	2157.35
NS1600	33482	2346.85	33484	2763.63

Compact NS type H				
Icu = 70 kA at 220/415 V	3P		4P	
NS630b	33461	1331.17	33464	1637.93
NS800	33467	1389.04	33470	1724.73
NS1000	33473	1869.43	33476	2238.39
NS1250	33479	2231.14	33481	2618.93
NS1600	33483	2864.91	33485	3248.35

Compact NS type L				
Icu = 150 kA at 220/415 V	3P		4P	
NS630b	33462	1886.77	33465	2488.72
NS800	33468	1976.50	33471	2561.05
NS1000	33474	3110.88	33477	3753.30

Front-connected circuit breaker with Micrologic 5.0 control unit

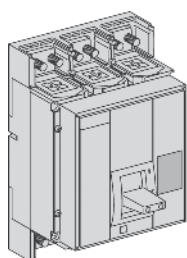


Compact NS type N				
Icu = 50 kA at 220/415 V	3P		4P	
NS630b	33546	1349.33	33549	1548.22
NS800	33552	1434.45	33555	1671.17
NS1000	33558	1635.88	33561	2035.77
NS1250	33564	1974.35	33566	2374.40
NS1600	33568	2563.88	33570	2980.66

Compact NS type H				
Icu = 70 kA at 220/415 V	3P		4P	
NS630b	33547	1548.22	33550	1854.97
NS800	33553	1606.07	33556	1941.76
NS1000	33559	2086.45	33562	2455.45
NS1250	33565	2448.20	33567	2835.96
NS1600	33569	3081.94	33571	3465.40

Compact NS type L				
Icu = 150 kA at 220/415 V	3P		4P	
NS630b	33548	2103.81	33551	2705.74
NS800	33554	2193.53	33557	2778.08
NS1000	33560	3327.91	33563	3970.35

Front-connected switch-disconnector

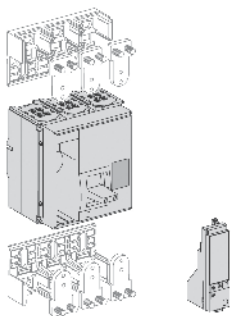


	3P		4P	
NS630b	33486	1059.16	33491	1267.48
NS800	33487	1117.03	33492	1325.39
NS1000	33488	1206.73	33493	1409.31
NS1250	33489	1338.41	33494	1687.12
NS1600	33490	1517.84	33495	1972.15

Note: Select in addition the connection accessories, device accessories and auxiliaries, control unit accessories and communications options, as required.

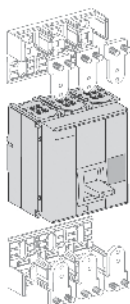
NS630b to NS1600 fixed manually operated device based on separate components

Basic circuit breaker



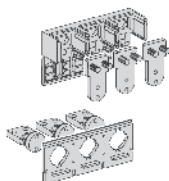
Compact NS type N					
Icu = 50kA at 220/415V		3P	Price £	4P	Price £
NS630b		33220	539.06	33224	708.99
NS800		33230	624.18	33234	1383.25
NS1000		33240	825.60	33244	1196.59
NS1250		33250	1120.68	33254	1477.32
NS1600		33260	1666.80	33264	2025.69
Compact NS type H					
Icu = 70kA at 220/415V		3P		4P	
NS630b		33221	737.96	33225	1015.74
NS800		33231	795.81	33235	1102.56
NS1000		33241	1276.20	33245	831.98
NS1250		33251	1594.52	33255	1938.89
NS1600		33261	2184.85	33265	2510.43
Compact NS type L					
Icu = 150kA at 220/415V		3P		4P	
NS630b		33222	1293.56	33226	1866.54
NS800		33232	1383.25	33236	1938.89
NS1000		33242	2517.63	33246	2830.18
Compact NS type LB					
Icu = 200kA at 4000/415V		3P		4P	
NS630b		48952	POA	48955	POA
NS800		48953	1731.19	48956	POA
+ Micrologic control units					
Without "ammeter"					
Micrologic 2.0	basic protection			33504	506.42
Micrologic 5.0	selective protection			33511	723.45
"ammeter" A					
Micrologic 2.0 A	basic protection			33505	536.41
Micrologic 5.0 A	selective protection			33512	733.50
Micrologic 6.0 A	selective + earth-fault protection			33513	1055.92
Micrologic 7.0 A	selective + earth-leakage protection			33514	1055.92 (*)
"power meter" P					
Micrologic 5.0 P	selective protection			65290	1738.98
Micrologic 6.0 P	selective + earth-fault protection			65291	2032.20
Micrologic 7.0 P	selective + earth-leakage protection			65292	2032.20

Basic switch disconnect



Compact NS type NA					
		3P	Price £	4P	Price £
NS630b		33420	972.34	33421	1151.75
NS800		33422	1030.21	33423	1209.64
NS1000		33424	1119.93	33425	1293.56
NS1250		33426	1208.17	33427	1513.48
NS1600		33428	1344.19	33429	1740.62

Connections for circuit breakers and switch disconnectors



Front connection		3P	3P	4P	
630/1000A	Top	33598	45.58	33608	60.76
	Bottom	33599	45.58	33609	60.76
1250A	Top	33600	68.37	33610	91.19
630/1000A	Bottom	33601	68.37	33611	91.19
type L					
1600A	Top	33602	91.19	33612	121.54
	Bottom	33603	91.19	33613	121.54
Rear connection		3P		4P	
Vertical	Top	33604	91.19	33614	121.54
	Bottom	33605	91.19	33615	121.54
Horizontal	Top	33606	91.19	33616	121.54
	Bottom	33607	91.19	33617	121.54

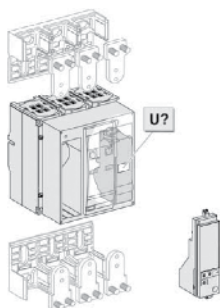
To order a complete device, order:
 A basic circuit breaker and a Micrologic control unit, or a basic switch disconnect,
 Connections,
 Accessories (for the device, the connection, the control unit) and communication option as required.
 * Rectangular sensor required, see 43.

NS630b to NS1600

fixed electrically operated

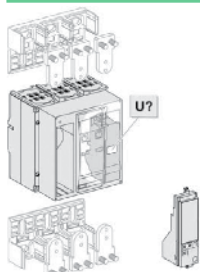
device based on separate components

Basic circuit breaker



Compact NS type N					
Icu = 50 kA at 220/415 V		3P	Price £	4P	Price £
NS630b		33270	1177.40	33274	1360.10
NS800		33280	1262.51	33284	1483.09
NS1000		33290	1463.95	33294	1847.70
NS1250		33300	1759.00	33304	2128.43
NS1600		33310	2305.15	33314	2676.80
Compact NS type H					
Icu = 70 kA at 220/415		3P		4P	
NS630b		33271	1389.04	33275	1666.85
NS800		33281	1446.93	33285	1753.66
NS1000		33291	1927.30	33295	2267.31
NS1250		33301	2245.61	33305	2589.99
NS1600		33311	2835.96	33315	3161.52
Compact NS type L					
Icu = 150 kA at 220/415V		3P		4P	
NS630b		33272	1944.68	33276	2517.63
NS800		33282	2034.35	33286	2589.99
NS1000		33292	3168.76	33296	3782.24
+ Micrologic control units					
Without "ammeter"					
				3P/4P	
Micrologic 2.0	basic protection			33504	506.42
Micrologic 5.0	selective protection			33511	723.45
"ammeter" A				3P/4P	
Micrologic 2.0 A	basic protection			33505	536.41
Micrologic 5.0 A	selective protection			33512	733.50
Micrologic 6.0 A	selective + earth-fault protection			33513	1055.92
Micrologic 7.0 A	selective + earth-leakage protection			33514	1055.92
"power meter" P				3P/4P	
Micrologic 5.0 P	selective protection			65290	1738.98
Micrologic 6.0 P	selective + earth-fault protection			65291	2032.20
Micrologic 7.0 P	selective + earth-leakage protection			65292	2032.20

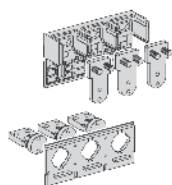
Basic switch disconnectors



Compact NS type NA					
		3P	Price £	4P	4P
NS630b		33440	1623.41	33441	1802.88
NS800		33442	1681.31	33443	1860.74
NS1000		33444	1771.04	33445	1944.68
NS1250		33446	1859.29	33447	2164.59
NS1600		33448	1995.29	33449	2391.76

Note: The characteristics of the motor mechanism module for electrical operation are specified separately by selecting a part number from the table at the bottom of this page.

Connection for circuit breakers and switch disconnectors



Front connection		3P		4P	
630/1000 A	Top	33598	45.58	33608	60.76
	Bottom	33599	45.58	33609	60.76
1250 A	Top	33600	68.37	33610	91.19
630/1000 A type L	Bottom	33601	68.37	33611	91.19
	Top	33602	91.19	33612	121.54
1600 A	Bottom	33603	91.19	33613	121.54
	Rear connection		3P		4P
Vertical	Top	33604	91.19	33614	121.54
	Bottom	33605	91.19	33615	121.54
Horizontal	Top	33606	91.19	33616	121.54
	Bottom	33607	91.19	33617	121.54

Motor mechanism module

	AC 50/60 Hz		DC	
	Standard	Communicating	Standard	Communicating
48 V	33691	33698	24-30 V	33690 33697
100-130 V	33687	33694	48-60 V	33691 33698
220-240 V	33688	33695	100-130 V	33692 33699
380-415 V	33689	33696	200-250 V	33693 33700

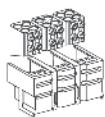
To order a complete device, order:

A basic circuit breaker and a Micrologic control unit, or a basic switch disconnector, Chassis and connections,

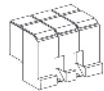
Accessories (for the device, the connection, the control unit) and communication option as required.

* Rectangular sensor required, see 43.

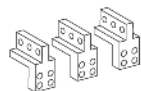
Connection accessories



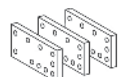
Front connection			Rear connection		
Bare-cable connectors + 1 connector shield for 4 cables (240 mm ²)			Price £	Price £	
3P (3 parts)	33640		141.82		
4P (4 parts)	33641		195.34		



1 long connection shield		
3P	33628	36.16
4P	33629	46.31



Vertical-connection adapters		
3P (3 parts)	33642	124.44
4P (4 parts)	33643	166.40



Cable lug adapters		
3P (3 parts)	33644	111.41
4P (4 parts)	33645	147.59



Interphase barriers					
3P/4P top (3 parts)	33646	20.24	3P/4P top (3 parts)	33648	39.52
3P/4P bottom (3 parts)	33646	20.24	3P/4P bottom (3 parts)	33648	39.52



Arc chute screen		
3P	33596	20.24
4P	33597	30.39



Brackets for mounting on a horizontal surface				
		3P/4P (2 parts)	33647	118.65



Spreaders					
3P	33622	124.44	3P	33622	124.44
4P	33623	162.06	4P	33623	162.06

Cable lug kits		
240 mm ²		
3P (6 lug kit)	33013	105.63
4P (8 lug kit)	33014	144.69
300 mm ²		
3P (6 lug kit)	33015	114.30
4P (8 lug kit)	33016	151.93

Electrical auxiliaries



Indication contacts		
OF, SD, 6 A - 240 V	29450	14.41
SDE		
Low level	29452	18.54

Up to 3 OF, 1 SD and 1 SDE can be connected (the SDE contact is standard for electrically operated devices).

Instantaneous voltage releases



	Delay unit for MN				
	MX	MN	R (non-adjustable)	Rr (adjustable)	
	Price £	Price £	Price £	Price £	Price £
12 V DC	33658	95.49			
24-30 V AC/DC	33659	95.49	33668	159.15	
48-60 V AC/DC	33660	95.49	33669	159.15	33680 238.75
100-130 V AC/DC	33661	95.49	33670	159.15	33684 192.78 33681 238.75
200/250 V AC/DC	33662	95.49	33671	159.15	33685 192.78 33682 238.75
240/277 V AC	33663	95.49			
380-480 V AC	33664	95.49	33673	159.15	33683 238.75

MX = Opening release.

MN = Undervoltage release.

NS630b to NS1600

accessories

fixed devices

Locking for manually operated devices

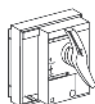


Removable toggle locking system		Price £	
Locking by 3 padlocks	44936	11.70	

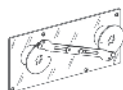


Fixed toggle locking system		Price £	
Locking by 3 padlocks	32631	14.55	

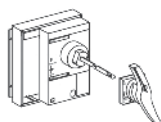
Rotary handle for manually operated devices



Devices with direct rotary handles				
Handle	Black	33873	83.94	
	Red/yellow front	33874	108.51	
Conversion accessory	CNOMO	33866	45.49	
Locking by keylocks		Ronis	Profalux	Price £
	OFF position	33870	39.06	33869 39.06
	OFF and ON positions	33872	39.06	33871 39.06
Keylock kit (without keylocks)		33868	11.32	33868 11.32



Mechanical interlocking		Price £	
For 2 devices with extended rotary handles	33890	109.97	

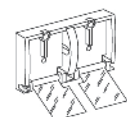


Devices with extended rotary handles		Price £	
Handle	Black	33875	129.68
	Red/yellow front	33879	137.47
	Telescopic (for chassis mounted devices)	33880	156.29

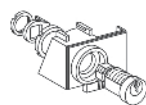


Control accessories		Price £	
2 advanced indication contacts (6 A - 240 V)			
	Early Break	33882	54.98
	Early make	33883	54.98

Locking and accessories for electrically operated devices



Pushbutton locking		Price £	
By transparent cover + padlocks	33897	37.63	

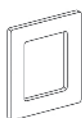


Locking in OFF position		Price £	
By Profalux keylocks	1 lock	33902	63.81
	1 lock + 1 lock		
	with same key profile	33904	127.63
By Ronis keylocks	1 lock	33903	63.81
	1 lock + 1 lock		
	with same key profile	33905	127.63
Keylock kit (- keylocks)	For Profalux keylocks	33898	33.42
	For Ronis keylocks	33899	33.42
	For Kirk keylocks	47517	122.38
	For Castell keylocks	47518	118.07

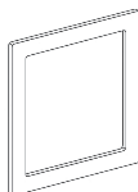


Operation counter CDM		Price £	
	33895	109.97	

Installation accessories



Escutcheon (small cut-out) for manually operated device with toggle	33717	11.59
---	--------------	-------



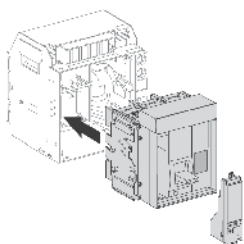
Escutcheon for:	33718	23.15
- device with toggle (large cutout)		
- device with rotary handle		
- electrically operated device		

NS630b to NS1600

manually operated withdrawable devices

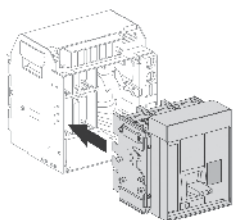
device based on separate components

Basic circuit breaker



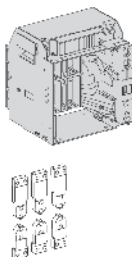
Compact NS type N					
Icu = 50 kA at 220/415 V		3P	Price £	4P	Price £
NS630b		33320	639.71	33324	1083.00
NS800		33330	743.38	33334	1186.54
NS1000		33340	791.11	33344	1284.82
NS1250		33350	957.52	33354	1469.88
NS1600		33360	1174.39	33364	1933.33
Compact NS type H					
Icu = 70 kA at 220/415 V		3P		4P	
NS630b		33321	756.35	33325	1245.92
NS800		33331	866.53	33335	1347.14
NS1000		33341	917.87	33345	1448.21
NS1250		33351	1092.62	33355	1643.62
NS1600		33361	1569.97	33365	2137.39
Compact NS type L					
Icu = 150 kA at 220/415 V		3P		4P	
NS630b		33322	1395.47	33326	2035.61
NS800		33332	1552.64	33336	2230.14
NS1000		33342	1758.19	33346	2486.56
Compact NS type LB					
Icu = 200 kA at 400/415V		3P		4P	
NS630b		48967	POA	48971	POA
NS800		48968	POA	48972	POA
+ Micrologic control units					
Without "ammeter"					
				3P/4P	
Micrologic 2.0	basic protection			33504	506.42
Micrologic 5.0	selective protection			33511	723.45
"ammeter" A					
				3P/4P	
Micrologic 2.0 A	basic protection			33525	536.41
Micrologic 5.0 A	selective protection			33532	733.50
Micrologic 6.0 A	selective + earth-fault protection			33533	1055.96
Micrologic 7.0 A	selective + earth-leakage protection			33534	1055.96
"power meter" P					
				3P/4P	
Micrologic 5.0 P	selective protection			65293	1738.98
Micrologic 6.0 P	selective + earth-fault protection			65294	2032.20
Micrologic 7.0 P	selective + earth-leakage protection			65295	2032.20

Basic switch-disconnector



Compact NS type NA					
		3P	Price £	4P	
NS630b		33430	841.59	33431	1129.38
NS800		33432	916.61	33433	1265.79
NS1000		33434	1005.26	33435	1466.29
NS1250		33436	1141.68	33437	1654.54
NS1600		33438	1283.53	33439	2130.56

Basic chassis and connections



Chassis					
		3P		4P	
630/1250 A				33725	1241.34
1600 A		33723	1153.15	33726	1287.02
630/1000 A type L					
+ connection					
		3P		4P	
Front connection	Top	33727	91.19	33733	121.54
	Bottom	33728	91.19	33734	121.54
Rear connection					
Vertical	Top	33729	91.19	33735	121.54
	Bottom	33730	91.19	33736	121.54
Horizontal	Top	33731	91.19	33737	121.54
	Bottom	33732	91.19	33738	121.54

To order a complete device, order:

A basic circuit breaker and a Micrologic control unit, or a basic switch disconnector, Chassis and connections,

Accessories (for the device, the connection, the control unit) and communication option as required.

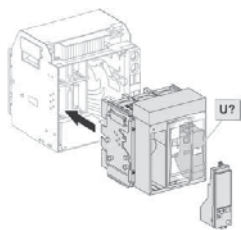
* Rectangular sensor required, see 43.

NS630b to NS1600

electrically operated withdrawable devices

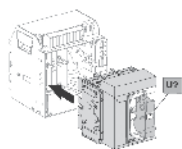
device based on separate components

Basic circuit breaker



Compact NS type N					
Icu = 50 kA at 220/415 V		3P	Price £	4P	Price £
NS630b		33370	1314.90	33374	1816.83
NS800		33380	1477.20	33384	1940.96
NS1000		33390	1526.32	33394	2040.54
NS1250		33400	1767.74	33404	2232.87
NS1600		33410	1999.63	33414	2811.19
Compact NS type H					
Icu = 70 kA at 220/415 V		3P		4P	
NS630b		33371	1531.78	33375	2114.19
NS800		33381	1647.70	33385	2215.13
NS1000		33391	1700.92	33395	2322.89
NS1250		33401	1880.96	33405	2530.21
NS1600		33411	2511.11	33415	3049.89
Compact NS type L					
Icu = 150 kA at 220/415 V		3P		4P	
NS630b		33372	2084.17	33376	2673.43
NS800		33382	2134.66	33386	2865.74
NS1000		33392	2341.96	33396	3122.18
+ Micrologic control units					
Without "ammeter"				3P/4P	
Micrologic 2.0		basic protection		33504	506.42
Micrologic 5.0		selective protection		33511	723.45
"ammeter" A				3P/4P	
Micrologic 2.0 A		basic protection		33525	536.41
Micrologic 5.0 A		selective protection		33532	733.50
Micrologic 6.0 A		selective + earth-fault protection		33533	1055.96
Micrologic 7.0 A		selective + earth-leakage protection		33534	1055.96
"power meter" P				3P/4P	
Micrologic 5.0 P		selective protection		65293	1738.98
Micrologic 6.0 P		selective + earth-fault protection		65294	2032.20
Micrologic 7.0 P		selective + earth-leakage protection		65295	2032.20

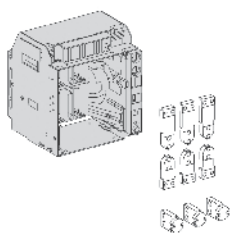
Basic switch-disconnector



Compact NS type NA					
		3P	Price £	4P	
NS630b		33450	1643.62	33451	2048.71
NS800		33452	1726.81	33453	2103.28
NS1000		33454	1818.22	33455	2314.71
NS1250		33456	2003.70	33457	2517.94
NS1600		33458	2250.57	33459	3021.26

Note. The characteristics of the motor mechanism module for electrical operation are specified separately by selecting a part number from the table at the bottom of this page.

Chassis and connections



Chassis		3P		4P	
630/1250 A		33722	1133.19	33725	1241.34
1600 A		33723	1153.15	33726	1287.02
630/1000 A type L					
+ connection		3P		4P	
Front connection	Top	33727	91.19	33733	121.54
	Bottom	33728	91.19	33734	121.54
Rear connection					
Vertical	Top	33729	91.19	33735	121.54
	Bottom	33730	91.19	33736	121.54
Horizontal	Top	33731	91.19	33737	121.54
	Bottom	33732	91.19	33738	121.54

Motor mechanism module

	AC 50/60 Hz		DC	
	Standard	Communicating		Standard Communicating
48 V	33831	33838	24-30 V	33830 33837
100-130 V	33827	33834	48-60 V	33831 33838
220-240 V	33828	33835	100-130 V	33832 33839
380-415 V	33829	33836	200-250 V	33833 33840

To order a complete device, order:

A basic circuit breaker and a Micrologic control unit, or a basic switch disconnector, Chassis and connections, Accessories (for the device, the connection, the control unit) and communication option as required.

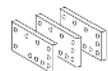
* Rectangular sensor required, see 43.

NS630b to NS1600 accessories withdrawable devices

Connection accessories



Vertical-connection adapters for front-connected chassis		Price £	
3P (3 parts)	33642	124.44	
4P (4 parts)	33643	166.40	



Cable lug adapters for front-connected chassis			
3P (3 parts)	33644	111.41	
4P (4 parts)	33645	147.59	



Interphase barriers for rear-connected chassis			
3P/4P (3 parts)	33768	37.63	

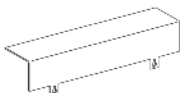


Spreaders for front-connected and rear-connected chassis			
3P (3 parts)	33622	124.44	
4P (4 parts)	33623	162.06	

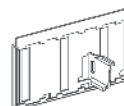


Cable lug kits			
240 mm ²	3P (6 lug kit)	33013	105.63
	4P (8 lug kit)	33014	144.69
300 mm ²	3P (6 lug kit)	33015	114.30
	4P (8 lug kit)	33016	151.93

Chassis accessories

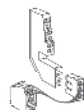


Auxiliary terminal shield (CB)			
3P	33763	40.52	
4P	33764	46.31	

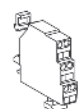


Safety shutters (VO)			
3P	33765	66.58	
4P	33766	79.58	

Electrical auxiliaries



SD trip indication contact for manually operated devices			
6 A - 240 V	33800	34.71	
Low level	33803	41.97	



SDE fault indication contact for manually operated devices			
6 A - 240 V	33799	34.71	
Low level	33802	41.97	

OF ON/OFF indication contacts			
6 A - 240 V	33801	34.71	
Low level	33804	41.97	

Up to 3 OF contacts per device

CE, CD, CT carriage switches			
6 A - 240 V	33170	34.71	
Low level	33171	41.97	

Up to 3 CE, 1 CT, 2 CD per device

Instantaneous voltage releases



	Delay unit fo MN			
	MX	MN	R (non-adjustable)	Rr (adjustable)
	Price £	Price £	Price £	Price £
12 V DC	33809	97.40		
24-30 V AC/DC	33810	97.40	33819	162.35
48-60 V AC/DC	33811	97.40	33820	162.35
100-130 V AC/DC	33812	97.40	33821	162.35
200-250 V AC/DC	33813	97.40	33822	162.35
240-277 V AC	33814	97.40		
380-480 V AC			33824	162.35
				33680
			33684	192.78
			33685	192.78
				33681
				238.75
				33682
				238.75
				33683
				238.75

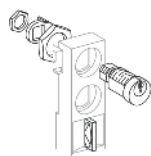
Auxiliary terminals for chassis alone			
3 wire terminal (30 parts)	47071	141.11	
6 wire terminal (10 parts)	47072	149.89	

MX = Opening release.

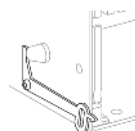
MN = Undervoltage release.

NS630b to NS1600 accessories withdrawable devices

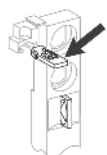
Chassis locking



Keylocking in disconnected position			Price £
Profalux	1 lock	33773	60.76
	1 lock + 1 lock with same key profile	33774	121.55
	2 locks (with different key profiles)	33775	121.55
Ronis	1 lock	33776	60.76
	1 lock + 1 lock with same key profile	33777	121.55
	2 locks (with different key profiles)	33778	121.55
Option for locking in connected, disconnected and test positions		33779	(*)
Keylock kit (without keylocks)	Profalux	33769	31.83
	Ronis	33770	31.83
	Castell	33771	118.65
	Kirk	33772	POA



Door interlock		
Right side of chassis (VPECD)	33786	40.52
Left side of chassis (VPECG)	33787	40.52

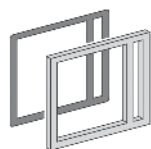


Racking interlock (VPOC)	33788	44.86
---------------------------------	--------------	--------------

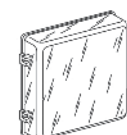


Mismatch protection (VDC)	33767	65.11
----------------------------------	--------------	--------------

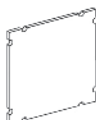
Installation accessories



Escutcheon	33857	46.31
------------	--------------	-------



Transparent cover for escutcheon	33859	225.69
----------------------------------	--------------	--------

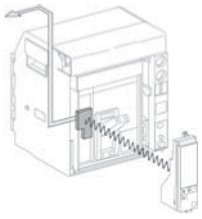


Blanking plate	33858	72.36
----------------	--------------	-------

(*) no charge

NS630b to NS1600 common accessories withdrawable devices

Communication options

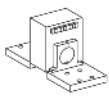


For fixed devices	Manually operated	Price £	Electrically operated	Price £
Modbus COM	33702	361.72	33708	383.44
For moving part	Manually operated		Electrically operated	
Modbus COM	33842	405.13	33848	405.13
+ chassis				
Modbus	33852	141.82	33852	141.82

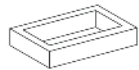
Accessories for Micrologic control units



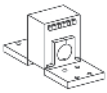
Long-time rating plug (enhanced accuracy by limiting the setting range)			
Standard	0.4 to 1 x Ir	33542	36.16
Low setting	0.4 to 0.8 x Ir	33543	36.16
High setting	0.8 to 1 x Ir	33544	36.16
Without long-time protection	OFF	33545	36.16



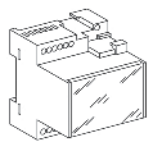
External sensors			
External sensor for neutral + earth-fault protection (TCE)			
CT rating: 400/1600 A		33576	390.67



Rectangular sensor for earth-leakage protection			
280 mm x 115 mm		33573	1093.91

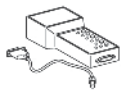


Source ground return (SGR) earth fault protection			
External sensor (SGR)		33579	474.78
MDGF summing module		48891	604.74

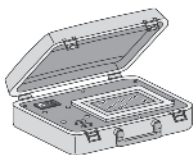


External power supply module			
24-30 V DC		54440	332.03
48-60 V DC		54441	332.03
125 V DC		54442	332.03
110 V AC		54443	332.03
220 V DC		54444	332.03
380 V DC		54445	332.03

Test equipment



Mini test kit		33594	688.73
---------------	--	--------------	--------



Portable test kit		33595	4869.63
-------------------	--	--------------	---------

Replacement test leads (Micrologic)		33590	166.77
-------------------------------------	--	--------------	--------

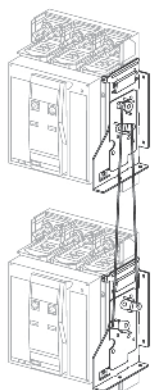
Spare parts



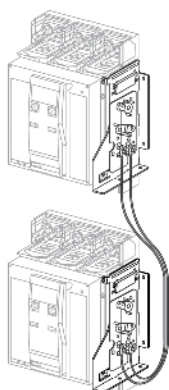
Toggle extension		46996	19.31
------------------	--	--------------	-------

NS630b to NS1600 common accessories withdrawable devices

Mechanical interlocking for source changeover



Interlocking using connecting rods for Compact electrically operated devices		Price £
Complete assembly with 2 adaptation fixtures + rods		
2 Compact fixed devices	33910	629.42
2 Compact withdrawable devices	33913	629.42



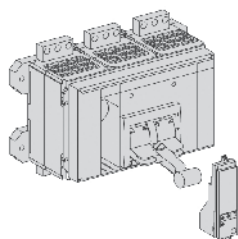
Interlocking using cables for Compact electrically operated devices		Price £
Complete assembly with 2 adaptation fixtures + cables		
2 Compact fixed devices	33911	629.42
2 Compact withdrawable devices	33914	629.42
1 Compact fixed + 1 Compact withdrawable device	33915	629.42

NOTE: UA/BA Controllers can be utilised.

Cable loom 54655 required for connection between devices and IVE unit.

NS1600b to NS3200 fixed, front connected, manually operated device

Circuit breaker

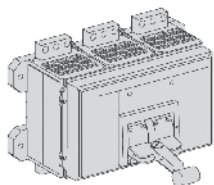


Compact NS type N		Price £		Price £	
Icu = 87/50 kA to 220/415 V	3P		4P		
NS1600b	34000	2274.52	34003		2935.83
NS2000	34006	2710.06	34009		3471.48
NS2500	34012	3655.19	34015		4306.85
NS3200	34018	4177.93	34021		5145.79

Compact NS type H		Price £		Price £	
Icu = 125/85 kA to 220/415 V	3P		4P		
NS1600b	34001	2516.23	34004		3274.32
NS2000	34007	2984.07	34010		3816.36
NS2500	34013	3645.39	34016		4629.30
NS3200	34019	4468.02	34022		5435.75

+ Micrologic control units		Without ammeter		With ammeter (option A)	
Basic protection 2.0	33504	506.42	33505		536.41
Selective protection 5.0	33511	723.45	33512		733.50
Selective + earth-fault protection 6.0			33513		1055.92
Selective + earth-leakage protection 7.0			33514		1055.92 (*)

Switch disconnecter



Compact NS type NA		Price £		Price £	
	3P		4P		
NS1600b	34024	1935.62	34025		2596.95
NS2000	34027	2371.10	34028		3132.46
NS2500	34030	3032.44	34031		3967.96
NS3200	34033	3838.89	34034		4806.77

Optical vertical connection adaptor

1600/2500 A	3P (3 parts)	33975		237.47
	4P (4 parts)	33976		284.49

Note: Standard for 3200A.

Electrical auxiliaries



Indication contacts		Price £		Price £	
OF, SD, SDE	6 A - 240 V				
	Low level	29450			14.41
		29452			18.54

Up to 3 OF, 1 SD and 1 SDE can be connected.

Instantaneous voltage releases



	Delay unit for MN							
	MX	MN	R(non-adjustable)	Rr (adjustable)				
	Price £	Price £	Price £	Price £				
12 V DC	33658	95.49						
24-30 V AC/DC	33659	95.49	33668	159.15				
48-60 V AC/DC	33660	95.49	33669	159.15	33680	238.75		
100-130 V AC/DC	33661	95.49	33670	159.15	33684	192.78	33681	238.75
200-250 V AC/DC	33662	95.49	33671	159.15	33685	192.78	33682	238.75
240-277 V AC	33663	95.49						
380-480 V AC	33664	95.49	33673	159.15			33683	238.75

Locking



Removable toggle locking system		Price £	
Locking by 3 padlocks		33996	12.77



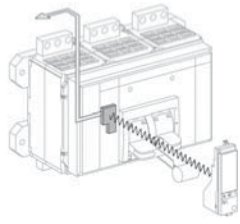
Fixed toggle locking system		Price £	
Locking by 3 padlocks		32631	14.55

* Rectangular sensor required, see 46.

NS1600b to NS3200

Accessories

Communication options



Modbus COM	33986	540.63
Eco Modbus COM module	33988	324.38

Accessories for Micrologic control units



Long-time rating plug (enhanced accuracy by limiting the setting range)

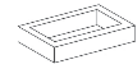
Standard	0.4 to 1 x I _r	33542	36.16
Low setting	0.4 to 0.8 x I _r	33543	36.16
High setting	0.8 to 1 x I _r	33544	36.16
Without long-time protection	OFF	33545	36.16

External sensors



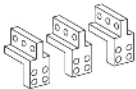
External sensor for neutral + earth-fault protection (TCE)

CT rating: 1000/4000 A	34036	503.80
------------------------	--------------	--------



Rectangular sensor for earth-leakage protection

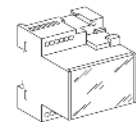
280 mm x 115 mm	33574	1093.91
-----------------	--------------	---------



Source ground return (SGR) earth fault protection

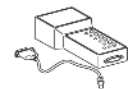
External sensor (SGR)	33579	474.78
MDGF summing module	48891	604.74

External power supply module

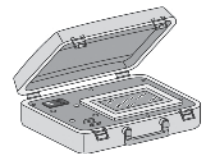


24-30 V DC	54440	332.03
48-60 V DC	54441	332.03
125 V DC	54442	332.03
110 V AC	54443	332.03
220 V DC	54444	332.03
380 V DC	54445	332.03

Test equipment



Mini test kit	33594	688.73
---------------	--------------	--------



Portable test kit	33595	4869.63
-------------------	--------------	---------

Spare parts

NS3200 toggle extension for replacement	46996	19.31
---	--------------	-------

Installation accessories



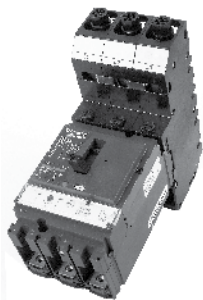
Escutcheon	33929	34.30
------------	--------------	-------



Interphase barriers (3 parts)	33998	36.90
-------------------------------	--------------	-------

Pan assemblies 800A or 630A busbar rating

Outgoing MCCB's



current rating (A)	SP	Price £	2P	Price £	3P	Price £	4P	Price £
reference	(1)		(2)					
16	MGP0161	90.22	MGP0162	142.93	MGP0163X	191.81	MGP0164X	236.40
25	MGP0251	90.22	MGP0252	142.93	MGP0253X	191.81	MGP0254X	236.40
30/32	MGP0301	90.22	MGP0302	142.93	MGP0323X	191.81	MGP0324X	236.40
40	MGP0401	90.22	MGP0402	142.93	MGP0403X	191.81	MGP0404X	236.40
50	MGP0501	90.22	MGP0502	142.93	MGP0503X	191.81	MGP0504X	236.40
63	MGP0631	95.18	MGP0632	142.93	MGP0633X	191.81	MGP0634X	236.40
80	MGP0801	95.18	MGP0802	146.08	MGP0803X	196.23	MGP0804X	274.09
100	MGP1001	95.18	MGP1002	146.08	MGP1003X	196.23	MGP1004X	274.09
125	MGP1251	98.63	MGP1252	212.05	MGP1253X	255.65	MGP1254X	375.69
160	MGP1601	107.18	MGP1602	POA	MGP1603X	327.79	MGP1604X	434.04
200					MGP2003X	364.64	MGP2004X	525.47
250					MGP2503X	492.91	MGP2504X	658.19
400					MGP4003X (3)	664.73	MGP4004X (4)	885.02
630					MGP6303X (3)	1091.69	MGP6304X (4)	1431.44

(1) Add suffix L1L2 or L3 when selecting single pole mccb's.

(2) Two pole wide. Add suffix L1N, L2N, L3N, L12 L23 or L31 When selecting breakers.

(3) Four single pole ways used.requires shrouding kit.

(4) Six single pole ways used ,requires shrouding kit and MGPBB25.1/2 pole shrouding plate

Outgoing disconnectable neutral link



Offers SP & N & TP & N facility

current rating (A)		Price £
100/250	MGP250NL (1SP way)	56.51
400/630	MGP630NL (2SP ways) (5)	122.50

(5) requires MGPBB25 see 48

Outgoing pan assembly



SP	630A busbar	Price £	800A busbar	Price £
18	MG6PAC6	475.25	MG8PAC6	680.31
36	MG6PAC12	804.56	MG8PAC12	1090.59
54	MG6PAC18	1206.86	MG8PAC18	1545.88
72	MG6PAC24	1609.16	MG8PAC24	2002.88
90	MG6PAC30	2011.43	MG8PAC30	2478.95

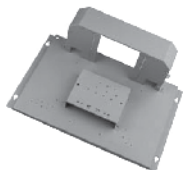
Incoming devices

	current rating (A)	3 Pole	Price £	4 Pole	Price £
MCCBs	250	MGP2503X	492.91	MGP2504X	658.19
	400	MGP4003X	664.73	MGP4004X	885.02
	630	MGP6303X	1091.69	MGP6304X	1431.44
	800	33466	1217.40	33469	1454.14
Switch disconnectors	250	MGP2503NAX	284.19	MGP2504NAX	425.59
	400	MGP4003NAX	574.65	MGP4004NAX	816.44
	630	MGP6303NAX	803.79	MGP6304NAX	1118.06
	800	33487	1117.03	33492	1325.39
Lug units	250	MGP2503LL	206.89	MGP2504LL	276.79
Direct connections	630			MGPCIN	127.50
				MG6PACN	164.64

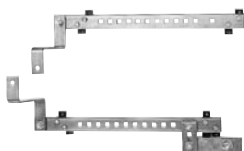
Pan assemblies

800A or 630A busbar rating

Incoming pan assembly



Incoming section including mounting tray metal shroud and copper busbar 'T' section				
Current rating (A)	3 pole	Price £	4 pole	Price £
630	MG6PACN	164.64	MG6PACN	164.64
800 (NS)	MG8PACN3	206.94	MG8PACN4	221.02



18 way neutral bar & link kit		
630A	MG6PANKIT	75.28
800A	MG8PANKIT	115.69

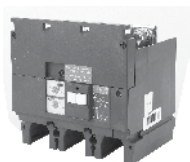


Terminal shields		
up to 160 A single pole & 250A neutral link:	29320	7.22
up to 250A 3 pole	LV429517	11.18
up to 250A 4 pole	LV429518	14.88
up to 400/630A 3 pole	LV432593	22.44
up to 400/630A 4 pole	LV432594	29.90
For shielding a TP mccb with neutral link use the 4 pole terminal shield		



Single pole shrouding plates		
Single pole shrouding plates are required for each unoccupied outgoing way.	MGPBBP	4.35
In addition a 25mm shrouding plate is always required when 4 pole 400A or 630A circuit breakers are mounted on the outgoing pan assembly.	MGPBB25	19.28

Residual current protection modules



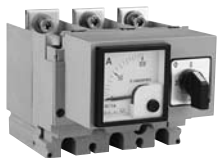
Using 4 pole residual current add-on modules (Vigi block) for incoming or outgoing ways (requires a 4 pole mccb or a 3 pole breaker plus a neutral link).

The Vigi module has the following settings:			
Current rating	Earth leakage tripping current options	Frame rating	VIGI module
up to 160A	0.03 - 0.3 - 1 - 3 - 10 *	NSX100/160	LV429211 417.02
200 - 250A	0.03 - 0.3 - 1 - 3 - 10 *	NSX250	LV431536 614.75
400 - 630A	0.3 - 1 - 3 - 10 - 30 *	NSX400/630	LV432456 680.61

* time delay setting (ms) 0 - 60 - 150 & 310 (30mA - instantaneous only)

Pan assemblies 800A or 630A busbar rating

Metering



Frame rating	3 phase ammeter complete	Price £
NSX100	LV429455	362.51
NSX160	LV430555	362.51
NSX250	LV431565	362.51
NSX400	LV432655	497.92
NSX630	LV432855	497.92

Remote metering current transformer module

Frame rating	CT module	
NSX100	LV429457	175.42
NSX160	LV430557	175.42
NSX250	LV431567	175.42
NSX400	LV432657	235.94
NSX630	LV432857	235.94

Rotary handles with inbuilt padlocking facilities

up to 250A	LV429337	48.85
400/630A	LV432597	66.10

Toggle padlocking attachments



up to 630A frame	29370	10.30
800A	33996	12.77

Auxiliary switch



Changeover contacts, auxiliary or alarm or SDE	29450	14.41
SDE adaptor	29451	13.97

Pan assemblies

800A or 630A busbar rating

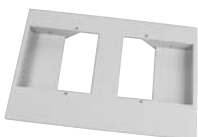
Voltage releases fit all MCCB's 100/630A



AC 50/60Hz:			
voltage(V)	Shunt trip	Price £	UVR
200/240	LV429387	47.74	LV429407

Other voltages available - refer to pages 12 &19

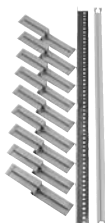
Front cover (up to 18 TP ways only)



Number of outgoing ways			
SP	TP		
18	6	MG6PAFC6	216.44
36	12	MG6PAFC12	250.97
54	18	MG6PAFC18	366.44

no covers are available for 24 & 30 TP way boards

Shrouding kit (with MG6 FC front covers only)



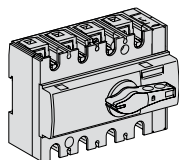
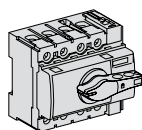
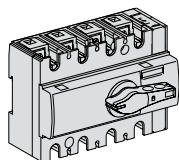
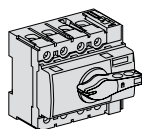
Shrouding kits must be used when fitting either outgoing 400/630AMP MCCB's or outgoing ammeter and/or earth leakage protection.

In addition to the shrouding kit an additional 25mm three stage filler piece is required when 4 pole 400A or 630A circuit breakers are fitted on the outgoing pan assembly MGPTSF25.

Number of outgoing ways		Shrouding kit	
SP	TP		
18	6	MGPCH6	21.61
36	12	MGPCH12	43.15
54	18	MGPCH18	63.85

Note: Due to the constant progress in standards and equipment, the characteristics shown in the texts and images in this document are only binding once expressly confirmed by ourselves.

Complete device



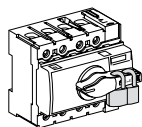
Interpact INS40 to INS160 standard version with black handle

		3P		Price £	4P		Price £
Interpact INS40	Fixed/FC	28900		37.03	28901		42.95
Interpact INS63	Fixed/FC	28902		43.53	28903		50.33
Interpact INS80	Fixed/FC	28904		52.09	28905		58.00
		3P			4P		
Interpact INS100	Fixed/FC	28908		65.09	28909		72.63
Interpact INS125	Fixed/FC	28910		77.49	28911		86.80
Interpact INS160	Fixed/FC	28912		96.82	28913		104.81

Interpact INS40 to INS160 with red handle and yellow front

		3P			4P		
Interpact INS40	Fixed/FC	28916		38.92	28917		45.09
Interpact INS63	Fixed/FC	28918		45.74	28919		52.86
Interpact INS80	Fixed/FC	28920		54.70	28921		60.92
		3P			4P		
Interpact INS100	Fixed/FC	28924		68.37	28925		76.23
Interpact INS125	Fixed/FC	28926		81.36	28927		91.11
Interpact INS160	Fixed/FC	28928		101.67	28929		110.02

Accessories

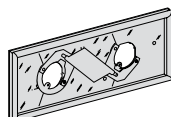


Locks, interlocks and coupling accessories

Handle locking

By 1 to 3 padlocks (OFF position), hasp dia. 5 to 8mm
or by lead seals

built-in



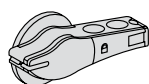
Interlock for extended rotary handles

Mechanical for INS40 to 160

28953

84.53

Spare parts



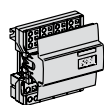
Handle for rotary control

INS40 to INS160	Front or lateral rotary control	black handle	28962	10.40
		red handle	28963	11.72

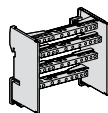
INS40 to 160

Accessories

Connection accessories



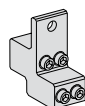
Distribloc distribution block (for bare cables)			Price £	
INS40 to INS125	125 A, 12 outgoing spring terminals (7 x 4mm ² + 3 x 6mm ² + 2 x 10mm ²) + 1 outgoing tunnel terminal (25mm ²)		04045	39.22
INS100 to INS160	160 A, 12 outgoing spring terminals (7 x 4mm ² + 3 x 6mm ² + 2 x 10mm ²) + 1 outgoing tunnel terminal (25mm ²) with prefabricated connections		04046	55.27



Multi-stage distribution block (for bare cables)				
INS40 to INS125	125 A, 4 X 10 holes (5 x 10mm ² + 4 x 16mm ² + 1 x 35mm ²)		13512	18.38
INS40 to INS125	125 A, 4 X 17 holes (8 x 10mm ² + 8 x 16mm ² + 1 x 35mm ²)		13514	25.26



Bare cable connectors				
Snap-on	INS100 to INS160	set of 3	28947	7.09
	cables up to 95°	set of 4	28948	9.43
Distribution connector for 4 rigid cables up to 25mm ² or 4 flexible cables up to 16mm ²	INS100 to INS160	set of 3	28949	43.71
		set of 4	28950	58.45



Crimp lugs for copper cables				
For 95mm ² cables	INS100 to INS160	set of 3	28951	10.55
with phase barriers		set of 4	28952	14.06



Terminal shrouds				
INS40 to INS80	3P/4P	1 pair	28955	5.90
INS100 to INS160	3P/4P	1 pair	28956	8.36

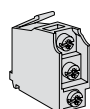


Terminal shields				
INS40 to INS80	3P/4P	1 pair	28957	11.08
INS100 to INS160	3P/4P	1 pair	28958	13.38



Phase barriers				
INS100 to INS160	3P/4P	set of 6	28959	9.15

Electrical auxiliaries



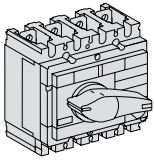
Auxiliary contacts				
1 OF / CAF / CAO (depending on how it is mounted)				
	INS40 to INS160		29450	14.41
1 OF / CAF / CAO (low level)	INS40 to INS160		29452	18.54

Rotary handles



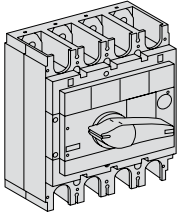
Accessories for conversion to extended rotary handles				
Front control	with black handle	INS40 to INS160	28941	36.89
	with red handle on yellow front	INS40 to INS160	28942	36.89
Lateral control	with black handle	INS40 to INS160	28943	18.44
	with red handle on yellow front	INS40 to INS160	28944	18.44
Lateral control	with black handle	INS40 to INS160	28945	18.44
Functional enclosure G-GX-PRAGMA F	with red handle on yellow front	INS40 to INS160	28946	18.44

Complete device



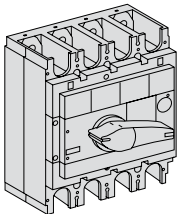
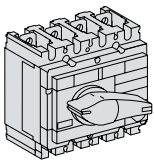
Interpact INS250 to INS630 standard version

		3P		Price £	4P		Price £
Interpact INS250-100A	Fixed/FC	31100		42.64	31101		57.33
Interpact INS250-160A	Fixed/FC	31104		101.53	31105		120.13
Interpact INS250-200A	Fixed/FC	31102		129.02	31103		146.03
Interpact INS250	Fixed/FC	31106		152.70	31107		176.61
		3P			4P		
Interpact INS320	Fixed/FC	31108		182.56	31109		221.69
Interpact INS400	Fixed/FC	31110		204.48	31111		244.90
Interpact INS500	Fixed/FC	31112		231.64	31113		305.40
Interpact INS630	Fixed/FC	31114		389.32	31115		456.00



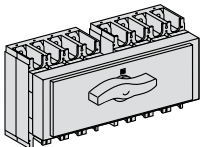
Interpact INS250 to INS630 with red handle and yellow front

		3P		4P	
Interpact INS250-100A	Fixed/FC	31120	44.77	31121	60.19
Interpact INS250-160A	Fixed/FC	31124	106.59	31125	126.16
Interpact INS250-200A	Fixed/FC	31122	135.45	31123	153.34
Interpact INS250	Fixed/FC	31126	160.33	31127	185.46

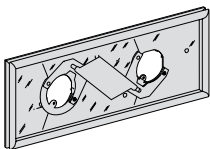


		3P		4P	
Interpact INS320	Fixed/FC	31128	191.70	31129	232.74
Interpact INS400	Fixed/FC	31130	214.75	31131	257.16
Interpact INS500	Fixed/FC	31132	243.23	31133	320.67
Interpact INS630	Fixed/FC	31134	408.75	31135	478.82

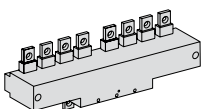
Source changeover systems



Complete assembly		3P		4P	
With Interpact INS250-100A	Fixed/FC	31140	152.72	31141	210.06
With Interpact INS250-160A	Fixed/FC	31144	282.08	31145	322.30
With Interpact INS250-200A	Fixed/FC	31142	341.48	31143	378.23
With Interpact INS250	Fixed/FC	31146	392.68	31147	451.55
With Interpact INS320	Fixed/FC	31148	472.87	31149	557.33
With Interpact INS400	Fixed/FC	31150	520.24	31151	607.45
With Interpact INS500	Fixed/FC	31152	578.85	31153	738.16
With Interpact INS630	Fixed/FC	31154	919.42	31155	1063.45



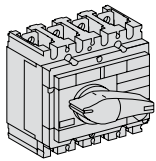
Interlocks	3P		4P	
Mechanical for INS250			31073	58.15
Mechanical for INS320/400/630	31074	72.69		
Keylock type (2 keylocks / 1 key) Ronis			41950	66.29
Profalux			42878	97.63
Locking device for Ronis/Profalux keylocks on INS250	31087 (x2)	18.54		
Locking device for Ronis/Profalux keylocks on INS320/400/630	31088 (x2)	31.91		



Downstream coupling accessories	3P		4P	
For Interpact INS250	29358	121.85	29359	139.61
Long terminal shields (1 pair)			29324	29.75
For Interpact INS320/400/630	32619	207.39	32620	238.24
Long terminal shields (1 pair)			32565	59.78

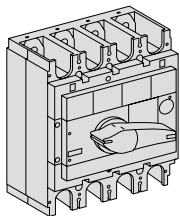
INV100 to 630 (visible break)

Complete device

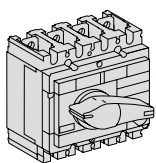


Interpact INV100 to INV630 standard version

		3P		Price £	4P		Price £
Interpact INV100	Fixed/FC	31160		43.73	31161		58.76
Interpact INV160	Fixed/FC	31164		106.59	31165		126.16
Interpact INV200	Fixed/FC	31162		135.45	31163		153.34
Interpact INV250	Fixed/FC	31166		160.33	31167		185.46

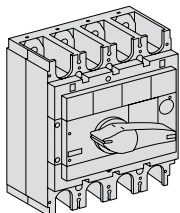


		3P		4P	
Interpact INV320	Fixed/FC	31168	191.70	31169	232.74
Interpact INV400	Fixed/FC	31170	214.75	31171	257.14
Interpact INV500	Fixed/FC	31172	243.23	31173	320.67
Interpact INV630	Fixed/FC	31174	408.75	31175	478.82



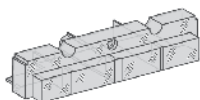
Interpact INV100 to INV630 with red handle and yellow front

		3P		4P	
Interpact INV100	Fixed/FC	31180	45.89	31181	61.73
Interpact INV160	Fixed/FC	31184	111.94	31185	132.47
Interpact INV200	Fixed/FC	31182	142.23	31183	160.99
Interpact INV250	Fixed/FC	31186	168.37	31187	194.74



		3P		4P	
Interpact INV320	Fixed/FC	31188	201.27	31189	244.40
Interpact INV400	Fixed/FC	31190	225.47	31191	269.99
Interpact INV500	Fixed/FC	31192	255.37	31193	336.71
Interpact INV630	Fixed/FC	31194	429.22	31195	502.73

INV specific accessories



Spare viewport

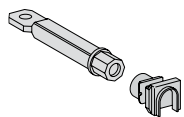
For INV100/160/250	31089	6.05
For INV320/400/630	31090	10.18

INS250 to 630 and INV100 to 630

Accessories

(visible break)

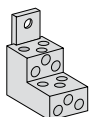
Connection accessories (Cu or Al)



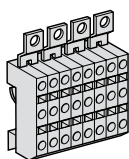
Rear connections		Price £	
Short (1 pair)		29235	19.76
Long (1 pair)		29236	29.53



Bare cable connectors				
Snap-on, for cables:	1.5 to 95 ² ; < 160 A	Set of 3	29242	9.43
	10 to 185 ² ; < 250 A	Set of 3	29259	22.09



Tab connector for voltage tap on 185° bare cable connector		Set of 2	29348	8.99
Clip for bare cable connector		Set of 10	29241	7.33
Distribution connector for		Set of 3	29248	79.74
six 1.5 to 35 ² cables with phase barriers		Set of 4	29249	106.93



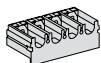
„Polybloc“ distribution block (for bare cables)			
160 A (40°C), for 6 cables up to 10 ²		4033	61.55
250 A (40°C), for 9 cables up to 10 ²		4034	66.38



Terminal extensions (supplied with 2 or 3 phase barriers)				
Right-angle terminal extensions		Set of 3	29261	10.83
		Set of 4	29262	14.42
Straight terminal extensions		Set of 3	29263	20.94
		Set of 4	29264	27.91



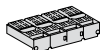
Spreaders (for upstream or downstream connection)			
Separate for each pole	3P	31563	20.94
	4P	31564	27.91
One-piece	3/4P	31061	76.91
Front alignment base	3/4P	31064	12.19



Crimp lugs for copper cables (supplied with 2 or 3 phase barriers)				
For cable 120mm ²		Set of 3	29252	22.72
		Set of 4	29256	30.48
For cable 150mm ²		Set of 3	29253	26.80
		Set of 4	29257	35.87
For cable 185mm ²		Set of 3	29254	32.83
		Set of 4	29258	43.93



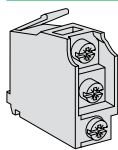
Crimp lugs for aluminium cables (supplied with 2 or 3 phase barriers)				
For cable 150mm ²		Set of 3	29504	64.47
		Set of 4	29505	86.10
For cable 185mm ²		Set of 3	29506	67.88
		Set of 4	29507	97.72



Terminal shields			
Short (1 pair)	3/4 P	29322	28.98
Long (1 pair)	3/4 P	29324	29.75

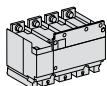
INS250 to 630 and INV100 to 630 Accessories

Electrical auxiliaries



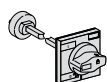
Auxiliary contacts (changeover type)		Price £
OF or CAM (early make or break)	29450	14.41
Low-level OF or CAM (early make or break)	29452	18.54

Indication and measurement modules



Current transformer module (4P)		
Rating (A)	150	LV430558 199.31
	250	LV431568 199.31

Rotary handles

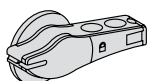


Extended front handles		
For INS250 with standard handle	31050	32.46
For INS250 with red handle on yellow front	31051	34.07

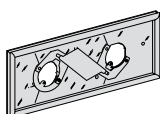


Lateral handles		
Direct handle conversion accessory (to be combined with extended lateral handle)	31054	14.76
For INS and INV250 with standard handle	31057	30.87
For INS and INV250 with red handle on yellow front	31058	34.81

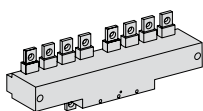
Locks, interlocks and coupling accessories



Locks		
By 1 to 3 padlocks (OFF position)	built-in	
Locking device for Ronis/Profalux keylocks (without keylocks)	31087	18.54
Keylock	Ronis 1351B.500	41940 34.27
	Profalux KS5 B24 D4Z	42888 57.26

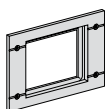


Interlocks		
Mechanical for INS250	31073	58.15
Keylock type (2 keylocks / 1 key)	Ronis 1351B.500	41950 66.29
	Profalux KS5 B24 D4Z	42878 97.63
Locking device for Ronis/Profalux keylocks (2 off)	31087	18.54



Coupling accessories		
Downstream coupling for Interpact INS250 3P	29358	121.85
Downstream coupling for Interpact INS250 4P	29359	139.61
Long terminal shields (1 pair)	29324	29.75

Installation accessories



Front panel escutcheons		
For switch-disconnector	31079	9.06
For ammeter module, IP40	29318	26.58

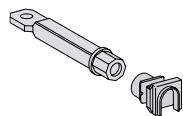
Lead seal accessories		
	29375	8.57

Spare parts

12 snap-in nuts for fixed/FC (M8)	30554	17.06
100 identification labels	29314	14.52
Bag of screws	29312	3.47
Black handle	31082	21.34
Red handle	31083	24.09
Viewport for INV100/160/250	31089	6.05

INS320 to 630 and INV320 to 630 Accessories

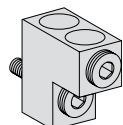
Connection accessories (Cu or Al)



Rear connections		Price £	
Short (1 pair)		32475	30.48
Long (1 pair)		32476	60.49



Bare cable connectors			
For 1 cable, 35mm ² to 300mm ²	Set of 3	32479	52.86
	Set of 4	32480	71.31



For 2 cables, 35mm ² to 240mm ²	Set of 3	32481	70.30
---	----------	-------	-------

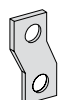
Tab connector for voltage tap on 185° bare cable connector	Set of 2	29348	8.99
--	----------	-------	------



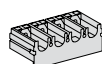
Terminal extensions (supplied with 2 or 3 phase barriers)



Right-angle terminal extensions	Set of 3	32484	40.86
	Set of 4	32485	46.74
Edgewise terminal extensions	Set of 3	32486	91.11
	Set of 4	32487	121.48



Spreaders (for upstream or downstream connection)

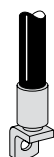


Separate for each pole	52.5mm	3P	32490	34.84
		4P	32491	46.45
	70mm	3P	32492	48.01
		4P	32493	64.01



Crimp lugs for copper cables (supplied with 2 or 3 phase barriers)

For 240mm ² cables	Set of 3	32500	31.52
	Set of 4	32501	42.27
For 300mm ² cables	Set of 3	32502	36.25
	Set of 4	32503	48.60



Crimp lugs for aluminium cables (supplied with 2 or 3 phase barriers)

For 240mm ² cables	Set of 3	32504	60.52
	Set of 4	32505	80.95

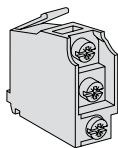


Terminal shields

Short (1 pair)	3/4 P	32563	58.05
Long (1 pair)	3/4 P	32565	59.78
Longs for spreader (1 pair supplied with insulating plate)	3/4P	32583	71.39

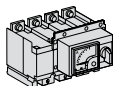
INS320 to 630 and INV320 to 630 Accessories

Electrical auxiliaries

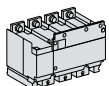


Auxiliary contacts (changeover type)		Price £
OF or CAM (early make or break)	29450	14.41
Low-level OF or CAM (early make or break)	29452	18.54

Indication and measurement modules

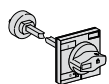


Ammeter module (4P)			
Rating (A)	400	LV432656	561.02
	600	LV432856	561.02



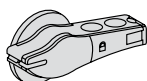
Current transformer module (4P)			
Rating (A)	400	LV432658	262.83
	600	LV432858	262.83

Rotary handles

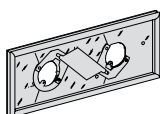


Extended front handles		
For INS320/400/630 with standard handle	31052	38.39
For INS320/400/630 with red handle on yellow front	31053	40.29

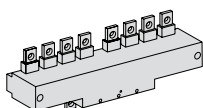
Locks, interlocks and coupling accessories



Locks		
By 1 to 3 padlocks on handle (open position)		built-in
Locking device for Ronis / Profalux keylocks (without keylock)	31088	31.91
Keylock	Ronis 1351B.500	41940
	Profalux KS5 B24 D4Z	42888
		57.26

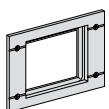


Interlocks		
Mechanical for INS320/400/630	31074	72.69
Keylock type (2 keylocks / 1 key)	Ronis 1351B.500	41950
	Profalux KS5 B24 D4Z	42878
		97.63
Locking device for Ronis / Profalux keylocks (2 off)	31088	31.91



Coupling accessories			
Downstream coupling for Interpact INS320/400/630	4P	32619	207.39
Downstream coupling for Interpact INS320/400/630	3P	32620	238.24
Long terminal shields with 52.5 mm pitch (1 pair)		32583	71.39

Installation accessories



Front panel escutcheons		
For switch-disconnector	31080	11.91
For ammeter module, IP40	29318	26.58

Lead seal accessories		
	29375	8.57

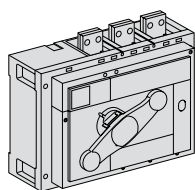
Spare parts

100 identification labels	29314	14.52
Black handle	31084	24.20
Red handle	31085	27.28
Viewport for INV320/400/630	31090	10.18

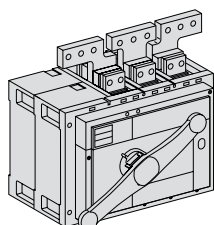
INS630b to 2500

Complete fixed/FC device and accessories

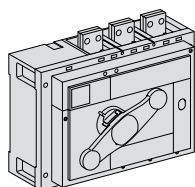
Interpact INS630b to 2500 standard version with black handle



	3P	Price £	4P	Price £
Interpact INS630b	31342	448.28	31343	556.11
Interpact INS800	31330	554.22	31331	626.10
Interpact INS1000	31332	1320.31	31333	1607.84
Interpact INS1250	31334	1347.51	31335	1653.17
Interpact INS1600	31336	1688.73	31337	1926.59
Interpact INS2000	31338	2216.54	31339	2896.40
Interpact INS2500	31340	2770.68	31341	3634.67



Interpact INS630b to 2500 with red handle and yellow front

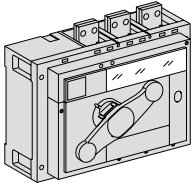


	3P	Price £	4P	Price £
Interpact INS630b	31356	448.28	31357	556.11
Interpact INS800	31344	554.22	31345	626.10
Interpact INS1000	31346	1320.31	31347	1607.84
Interpact INS1250	31348	1347.51	31349	1653.17
Interpact INS1600	31350	1688.73	31351	1926.59

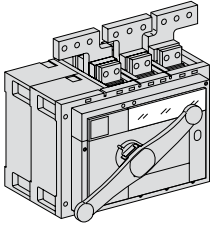
INV630b to 2500

Complete fixed/FC device and accessories

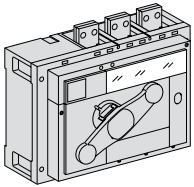
Interpact IN630b to 2500 standard version with black handle



	3P	Price £	4P	Price £
Interpact INV630b	31370	470.73	31371	583.92
Interpact INV800	31358	581.95	31359	657.46
Interpact INV1000	31360	1386.32	31361	1688.23
Interpact INV1250	31362	1414.93	31363	1735.82
Interpact INV1600	31364	1773.88	31365	2022.91
Interpact INV2000	31366	2327.60	31367	3051.06
Interpact INV2500	31368	2907.75	31369	3816.28



Interpact INV630b to 2500 with red handle and yellow front



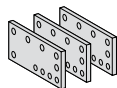
	3P	Price £	4P	Price £
Interpact INV630b	31387	470.73	31388	583.92
Interpact INV800	31372	581.95	31373	657.46
Interpact INV1000	31374	1386.32	31375	1688.23
Interpact INV1250	31376	1414.93	31377	1735.82
Interpact INV1600	31378	1773.88	31379	2022.91

INS630b to 2500 and INV630b to 2500 Accessories

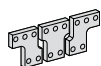
Connection accessories



Vertical connection adapters				Price £
INS/INV630b/1600	3P	Set of 3	31301	134.25
	4P	Set of 3	31302	171.94

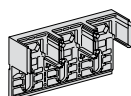


Cable lug adapters				
INS/INV630b/1600	3P	Set of 3	33644	111.41
	4P	Set of 3	33645	147.59

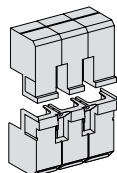


Spreaders				
INS/INV630b/1600	3P		31305	134.25
	4P		31306	174.85

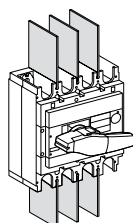
Insulation accessories



Base for terminal shield (not compatible with interphase barriers)				
INS/INV630b/1600	3P		31307	27.14
	4P		31308	39.88

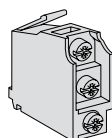


Terminal shield (requires base for terminal shield)				
INS/INV630b/1600	3P		33628	36.16
	4P		33629	46.31



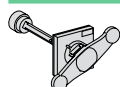
Interphase barriers (not compatible with terminal shield and base)				
INS/INV630b/1600	3P/4P	Set of 6	31315	39.35
INS/INV2000/2500	3P/4P	Set of 6	31319	83.82

Electrical auxiliaries



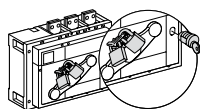
Auxiliary contacts (changeover type)				
OF or CAM (early make or break)			29450	14.41
OF or CAM low level (early make or break)			29452	18.54

Extended front control

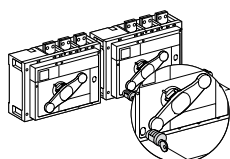


INS/INV630b-1600 or	For standard rotary handle	31288	65.64
INS/INV630b-2500	For red handle on yellow front (1)	31289	57.60

Locking and interlocking



Locking for INS/INV630b to 1600				
Handle locking by 1 to 3 padlocks (in OFF position)			Built-in	
By keylock	Keylocking device		31291	17.82
	+ Ronis 1351B.500 Keylock		41940	34.27
	or + Profalux KS5 B24 D4Z keylock (1 keylocks/1 key)		42888	57.26

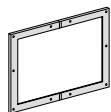


Interlocking for INS/INV630b to 1600				
By keylock	Keylocking device 2x		31291	17.82
	+ Ronis 1351B.500 Keylock (2 keylocks/1 key)		41950	66.29
	or + Profalux KS5 B24 D4Z keylock (2 keylocks/1 key)		42878	97.63

(1) For red/yellow switch versions only.

INS630b to 2500 and INV630b to 2500 Accessories

Installation accessories



Escutcheon			Price £
INS630b/1600	3P/4P	31295	22.71

Lead seal accessories

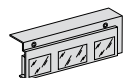
		31316	POA
--	--	--------------	-----

Spare parts



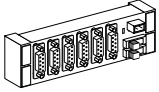
INS630b/1600 and INV630b	Black handle	31288	65.64
	Red handle (1)	31289	57.60

Viewport for INS630b/2500 and INV630b/2500	3P	31293	14.48
	4P	31294	17.61



(1) For red/yellow switch versions only

RS485 Modbus pre-wired system



RS485 Modbus junction block

		Price £
CJB306: 6 SubD 9 pins connectors junction block	50963	85.98



RS485 Modbus connector

CSD309: 9 pins SubD with screw terminals	50964	36.34
--	--------------	-------



RS485 Modbus cables

CCP303: Masterpact or Compact pre-wired cable (4 RS485 wires + 2 power wires) 3 m length	50961	32.60
---	--------------	-------



CCR301: RS485 roll cable (2 RS485 wires + 2 power wires) 60 m length	50965	334.65
---	--------------	--------

Vigirex

Residual current protection relays

RH10 with local manual fault reset

System to be protected LV 1000 V

RH10M

RH10P



DIN-rail mount.

Front-panel mount.

Sensitivity 0.03 A - instantaneous

Power supply			Part number	Price £	Part number	Price £
	12 to 24 V AC -12 to 48 V DC	50/60 Hz	56100	129.49	56200	129.49
	48 V AC	50/60 Hz	56110	116.77	56210	116.77
	110 to 130 V AC	50/60 Hz	56120	116.77	56220	116.77
	220 to 240 V AC	50/60/400 Hz	56130	116.77	56230	116.77
	380 to 415 V AC	50/60 Hz	56140	116.77	56240	116.77
	440 to 525 V AC	50/60 Hz	56150	116.77	56250	116.77

Sensitivity 0.05 A - instantaneous

Power supply	110 to 130 V AC	50/60 Hz	56121	116.77		
	220 to 240 V AC	50/60/400 Hz	56131	116.77		
	440 to 525 V AC	50/60 Hz	56151	116.77	56251	116.77

Sensitivity 0.1 A - instantaneous

Power supply	12 to 24 V AC - 12 to 48 V DC	50/60 Hz	56102	129.49	56202	129.49
	48 V AC	50/60 Hz	56112	116.77	56212	116.77
	110 to 130 V AC	50/60 Hz	56122	116.77	56222	116.77
	220 to 240 V AC	50/60/400 Hz	56132	116.77	56232	116.77
	380 to 415 V AC	50/60 Hz	56142	116.77	56242	116.77
	440 to 525 V AC	50/60 Hz	56152	116.77	56252	116.77

Sensitivity 0.15 A - instantaneous

Power supply	440 to 525 V AC	50/60 Hz	56153	116.77	56253	116.77
--------------	-----------------	----------	--------------	--------	--------------	--------

Sensitivity 0.25 A - instantaneous

Power supply	220 to 240 V AC	50/60/400 Hz	56134	116.77	56234	116.77
	440 to 525 V AC	50/60 Hz	56154	116.77	56254	116.77

Sensitivity 0.3 A - instantaneous

Power supply	12 to 24 V AC - 12 to 48 V DC	50/60 Hz	56105	129.49	56205	129.49
	48 V AC	50/60 Hz	56115	116.77	56215	116.77
	110 to 130 V AC	50/60 Hz	56125	116.77	56225	116.77
	220 to 240 V AC	50/60/400 Hz	56135	116.77	56235	116.77
	380 to 415 V AC	50/60 Hz	56145	116.77	56245	116.77
	440 to 525 V AC	50/60 Hz	56155	116.77	56255	116.77



Sensitivity 0.5 A - instantaneous

Power supply	12 to 24 V AC - 12 to 48 V DC	50/60 Hz	56106	129.49	56206	129.49
	48 V AC	50/60 Hz	56116	116.77	56216	116.77
	110 to 130 V AC	50/60 Hz	56126	116.77	56226	116.77
	220 to 240 V AC	50/60/400 Hz	56136	116.77	56236	116.77
	380 to 415 V AC	50/60 Hz	56146	116.77	56246	116.77
	440 to 525 V AC	50/60 Hz	56156	116.77	56256	116.77



Sensitivity 1 A - instantaneous

Power supply	12 to 24 V AC - 12 to 48 V DC	50/60 Hz	56107	129.49	56207	129.49
	48 V AC	50/60 Hz	56117	116.77	56217	116.77
	110 to 130 V AC	50/60 Hz	56127	116.77	56227	116.77
	220 to 240 V AC	50/60/400 Hz	56137	116.77	56237	116.77
	380 to 415 V AC	50/60 Hz	56147	116.77	56247	116.77
	440 to 525 V AC	50/60 Hz	56157	116.77	56257	116.77


RH21 with local manual fault reset

System to be protected	LV 1000 V		RH21M	RH21P
				
			DIN-rail mount.	Front-panel mount.
			Part number	Price £
Power supply	12 to 24 V AC - 12 to 48 V DC	50/60 Hz	56160	143.49
	48 V AC	50/60 Hz	56161	128.83
	110 to 130 V AC	50/60 Hz	56162	128.83
	220 to 240 V AC	50/60/400 Hz	56163	128.83
	380 to 415 V AC	50/60 Hz	56164	128.83
	440 to 525 V AC	50/60 Hz	56165	128.83

RH99 with local manual fault reset

System to be protected	LV 1000 V		RH99M	RH99P
				
			DIN-rail mount.	Front-panel mount.
(A) 9 Selectable 0.03A, 0.1A , 0.3A, 0.5A, 1A , 3A, 5A, 10A, 30A				
			Part number	Price £
Power supply	12 to 24 V AC - 12 to 48 V DC	50/60 Hz	56170	168.42
	48 V AC	50/60 Hz	56171	153.87
	110 to 130 V AC	50/60 Hz	56172	153.87
	220 to 240 V AC	50/60/400 Hz	56173	153.87
	380 to 415 V AC	50/60 Hz	56174	153.87
	440 to 525 V AC	50/60 Hz	56175	153.87

RH197P with local manual or automatic fault reset (1)(2)

System to be protected	LV 1000 V		RH197P
			
Alarm: 50% of fault threshold-instantaneous			Part number
Power supply	48 V AC	50/60 Hz	56505
(T) 9 Selectable Inst.,0.06s,	110 to 130 V AC	50/60 Hz	56506
0.15s, 0.25s, 0.31s, 0.5s,	220 to 240 V AC	50/60/400 Hz	56507
0.8s, 1s, 4.5s	380 to 415 V AC	50/60 Hz	56508

(1) Selected via e switch.

(2) Incompatible with rectangular sensors

Vigirex

Residual current monitoring relays

Residual-current protection relays RHUs with local manual fault reset

System to be protected LV 1000 V

RHUs

FAULT CONTACT Programmable (A) 0.03A - 1A in 0.001A Steps (T) Inst. - 5s in 10ms steps
ALARM CONTACT Programmable (A) 0.015A - 1A IN 0.001A Steps (T) Inst - 5s in 10ms steps



Power supply	48 V AC	50/60 Hz	28576	248.97
	110 to 130 V AC	50/60 Hz	28575	248.97
	220 to 240 V AC	50/60/400 Hz	28573	248.97

RHU with local manual fault reset (communicating)

System to be protected LV 1000 V

RHU

ALARM CONTACT Programmable (A) 0.03A - 1A in 0.001A Steps (T) Inst - 5s in 10ms steps
PRE-ALARM CONTACT Programmable (A) 0.015A - 1A in 0.001A Steps(T) Inst- 5s in 10ms steps



Power Supply	48 V AC	50/60 Hz	28570	276.64
	110 to 130 V AC	50/60 Hz	28569	276.64
	220 to 240 V AC	50/60/400 Hz	28560	276.64

Monitoring relays RH99 with automatic fault reset

System to be protected LV 1000 V

RH99M

RH99P

ALARM CONTACT 9 Selectable settings (A) 0.03A, 0.1A, 0.3A, 0.5A, 1A, 3A, 5A, 10A, 30A
(T) Inst,0.06s,0.15s,0.25s,0.31s,0.5s,0.8s,1s,4.5s



DIN-rail mount.



Front-panel mount.

Power supply	12 to 24 V AC - 12 to 48 V DC	50/60 Hz	56190	168.42	56290	168.42
	48 V AC	50/60 Hz	56191	153.87	56291	153.87
	110 to 130 V AC	50/60 Hz	56192	153.87	56292	153.87
	220 to 240 V AC	50/60/400 Hz	56193	153.87	56293	153.87
	380 to 415 V AC	50/60 Hz	56194	153.87	56294	153.87
	440 to 525 V AC	50/60 Hz	56195	153.87	56295	153.87

RMH and Multiplexer RM12T (communicating)

System to be monitored LV 1000 V

RM12T

RMH

Pre-Alarm: sensitivity 15 mA to 30 A - instantaneous or with 0 to 5 s time delay
Alarm: sensitivity 30 mA to 30 A - instantaneous or with 0 to 5 s time delay



DIN-rail mount.



Front-panel mount

Single-phase power supply	220 to 240 V AC	50/60/400 Hz	28566	183.11	28563	397.71
---------------------------	-----------------	--------------	--------------	--------	--------------	--------

Sensors



Closed toroids, A-type

Type	I _e (A) rated operational current	Inside diameter (mm)		
TA30	65	30	50437	42.17
PA50	85	50	50438	65.95
IA80	160	80	50439	92.53
MA120	250	120	50440	131.25
SA200	400	200	50441	262.07
GA300	630	300	50442	377.08

Split toroids, OA-type

Type	I _e (A) rated operational current	Inside diameter (mm)		
POA	85	46	50485	215.16
GOA	250	110	50486	290.33

Rectangular sensors

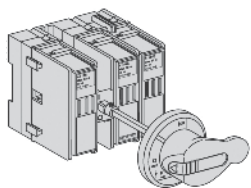
Inside dimensions (mm)			
280 x 115	1600	56053	1137.72
470 x 160	3200	56054	1542.22

Fupact

INF32 AND INF63

Front connected switch-fuses

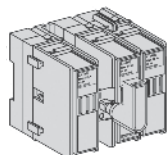
INF32



Basic device supplied with 150mm operating shaft (without handle)

Switch/Type of fuse	3P		4P/3F	
INFB32 / BS (A1) 32A	LV480680	45.86	LV480681	50.15
INFB32 / BS (A2) 32A	LV480682	45.88	LV480683	58.57
INFB32 / BS (F1) 32A	LV480684	58.57	LV480685	58.57

Rotary handle for basic front control device



Direct Rotary Handle	49614	23.78
Black extended Handle	49619	23.78
Red/Yellow extended rotary handle	49616	23.78

Shaft

430mm Long	49626	8.88
------------	--------------	------

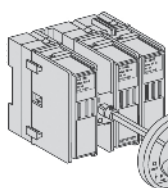
Removable Neutral Link 35mm ²	LV480450	10.60
Removable Neutral Link 16mm ²	LV480451	9.30

Aux contacts

For mounting between poles 1N/O 1 N/C (Changeover)	49605	12.20
For mounting on left hand side, contact support required	49608	3.61
1 N/O contact	49609	7.75
1 N/C contact	49610	7.75

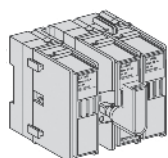
INF63

Basic device supplied with 161mm operating shaft (without handle)



Switch/Type of fuse	3P		4P/3F	
INFB63 / BS (A1/A3) 63A	LV480408	64.82	LV480409	98.20

Rotary handle for basic front control device



Direct Rotary Handle	LV480530	23.78
Black extended Handle	49619	23.78
Red/Yellow extended rotary handle	49616	23.78

Shaft

430mm Long	49626	8.88
------------	--------------	------

Removable Neutral Link

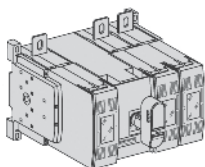
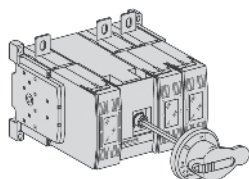
Removable Neutral Link 35mm ²	LV480450	10.60
Removable Neutral Link 16mm ²	LV480451	9.30

Aux contacts

1 N/O contact	49609	7.75
1 N/C contact	49610	7.75

Fupact INF100 to INF800 Front connected switch-fuses

INF100 to INF160



Basic device supplied with 161mm operating shaft (without handle)

Switch/Type of fuse	3P		4P/3F	
INFB100 / BS (A2/A3/A4)	LV480419	89.23	LV480420	117.32
INFB160 / BS (A2/A3/A4)	LV480421	191.86	LV480422	243.37

Rotary handle for basic front control device

Direct Rotary Handle	LV480530	23.78
Black extended Handle	49619	23.78
Red/Yellow extended rotary handle	49616	23.78

Shaft

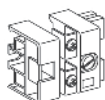
430mm Long	49626	8.88
------------	--------------	------

Removable Neutral Link

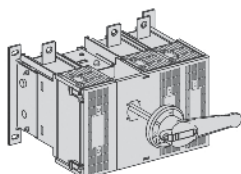
Removable Neutral Link 35mm ²	LV480450	10.60
Removable Neutral Link 16mm ²	LV480451	9.30
Terminal shield for bars or cable with lugs	LV480445	6.94

Aux contacts

1 N/O contact	49609	7.75
1 N/C contact	49610	7.75



INF250 to INF800



Switch/Type of fuse	3P		4P/3F	
INFB200/BS (B1/B2 + B3)	LV480515	216.11	LV480516	260.40
INFB250 / BS (B1/B2 & B3)	LV480517	463.22	LV480518	277.45
INFB400 / BS (B1/B2B3 & B4)	LV480519	794.19	LV480520	549.54
INFB630 / BS (C1/C2 & C3)	LV480521	956.56	LV480522	874.27
INFB800 / BS (B1/B2 & B3)	LV480523	915.37	LV480524	1053.54

Extended front control rotary handle

For INFB200/250	Black rotary handle	49619	23.78
	Red/Yellow rotary handle	49616	23.78
For INFB400	Black rotary handle	LV480540	29.99
	Red/Yellow rotary handle	LV480541	29.99
For INFB630/800	Black rotary handle	49620	36.56
	Red/Yellow rotary handle	49617	36.56



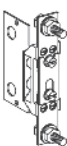
Shaft

430mm long	INF200/250	49626	8.88
465mm long	INF400/630/800 12 x 12mm	49627	10.25



Removable Neutral Link

Removable neutral link 250A	LV480562	28.99
Removable neutral link 400A	LV480563	28.99
Removable neutral link 630 - 800A	LV480564	37.48



Aux contacts

1 N/O	49609	29.10
1 N/C	49610	39.86
Aux. contact module (8 max)	LV480565	13.55

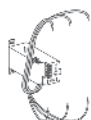


Terminal Shields for crimped lugs & bars

200A	(1 part)	LV480551	6.60
250A	(1 part)	LV480553	9.45
400A	(1 part)	LV480555	11.90
630 - 800A	(1 part)	LV480557	14.20



INF32 to INF800



Fuse Monitor

120-260V AC 50HZ 3P, 4P	LV480560	63.67
380-690V AC 50HZ 3P, 4P	LV480561	63.67

The smallest circuit breaker in the world

Masterpact NT innovates by offering all the performance of a power circuit breaker in an extremely small volume. The 70mm pole pitch means a three pole drawout circuit breaker can be installed in a switchboard section 400mm wide and 400mm deep.

Practical installation solutions

The new range improves upon all the installation solutions which have already made Masterpact a success. It has been designed to standardise switchboards, optimise volumes and simplify installation:

- > Incoming connection to top or bottom terminals
- > No safety clearance required
- > **Connection:**
 - Horizontal or vertical rear connection
 - Front connection with minimum extra space
 - Mixed front and rear connections
- > No derating up to 55°C for fixed devices

General overview

This section describes all the functions offered by Masterpact NT devices.



Circuit breakers and switch disconnectors

- > Ratings:
 - Masterpact NT 630 to 1600 A
- > Circuit breakers type H2 L1
- > Switch disconnectors type HA
- > 3 or 4 poles
- > Fixed or drawout versions
- > Protection derating

Micrologic control units

Ammeter A

- 2.0 basic protection
- 5.0 selective protection
- 6.0 selective + earth-fault protection
- 7.0 selective + earth-leakage protection

Power meter P

- 5.0 selective protection
- 6.0 selective + earth-fault protection
- 7.0 selective + earth-leakage protection

Harmonic meter H

- 5.0 selective protection
- 6.0 selective + earth-fault protection
- 7.0 selective + earth-leakage protection

Trip unit accessories

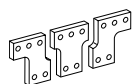
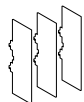
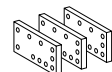
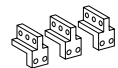
- > External sensor for earth-fault protection
- > Rectangular sensor for earth-leakage protection
- > Setting options (long-time rating plug):
 - Low setting 0.4 to $0.8 \times I_r$
 - High setting 0.8 to $1 \times I_r$
 - Without long-time protection
- > External power-supply module
- > Battery module

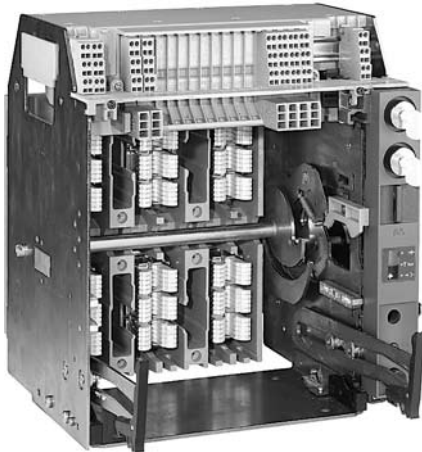
Communication

- > COM option in Masterpact
- > Masterpact in a communication network

Connections

- > Rear connection (horizontal or vertical)
- > Front connection
- > Mixed connections
- > Optional accessories
 - Bare-cable connectors and connector shields
 - Terminal shields
 - Vertical-connection adapters
 - Cable-lug adapters
 - Interphase barriers
 - Spreaders
 - Disconnectable front-connection adapter
 - Safety shutters, shutter locking blocks, shutter position indication and locking



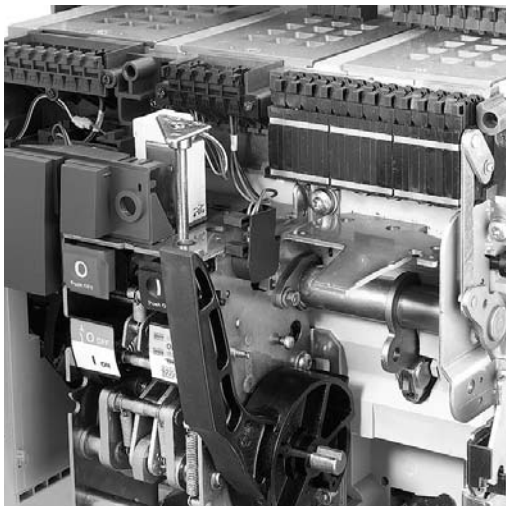


Locking

- > Pushbutton locking by padlockable transparent cover
- > OFF-position locking by padlock or keylock
- > Chassis locking in disconnected position by keylock
- > Chassis locking in connected, disconnected and test positions
- > Door interlock (inhibits door opening with breaker in connected position)
- > Racking interlock (inhibits racking with door open)
- > Racking interlock between crank and OFF pushbutton
- > Automatic spring discharge before breaker removal
- > Mismatch protection

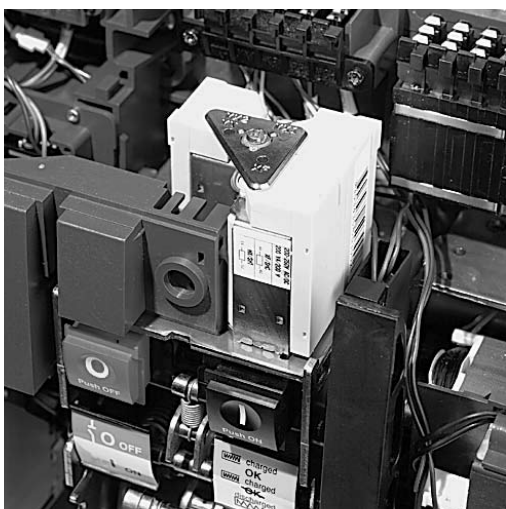
Indication contacts

- > Standard or low-level contacts:
 - ON/OFF indication (OF)
 - «fault trip» indication (SDE)
 - Carriage switches for connected (CE), disconnected (CD) and test (CT) positions
- > Programmable contacts:
 - 2 contacts (M2C)
 - 6 contacts (M6C)



Remote operation

- > Remote ON/OFF:
 - Gear motor
 - XF closing or MX opening voltage releases
 - PF ready-to-close contact
 - Options: RAR automatic or Res electrical remote reset
 - BPFE electrical closing pushbutton
- > Remote tripping function:
 - MN voltage release
 - Standard
 - Adjustable or non-adjustable delay
 - Or second MX voltage release



Accessories

- > Auxiliary terminal shield
- > Operation counter
- > Escutcheon
- > Transparent cover for escutcheon
- > Escutcheon blanking plate

Circuit breakers and switch disconnectors

NT06 to NT16



Common characteristics

Number of poles		3/4
Rated insulation voltage (V)	Ui	1000/1250
Impulse withstand voltage (kV)	Uimp	12
Rated operational voltage (V AC 50/60 Hz)	Ue	690
Suitability for isolation	IEC 60947-2	$\rightarrow \times 1$
Degree of pollution	IEC 60664-1	3

Circuit breaker characteristics as per IEC 60947-2

Rated current (A)	In	at 40°C/50°C*
Rating of 4th pole (A)		
Sensor ratings (A)		

Type of circuit breaker

Ultimate breaking capacity (kA rms) V AC 50/60 Hz	Icu	220/415 V 440 V 525 V 690 V 1000 V
--	------------	--

Rated service breaking capacity (kA rms)	Ics	% Icu
Rated short-time withstand current (kA rms) V AC 50/60 Hz	Icw	0.5 s 1 s 3 s

Integrated instantaneous protection (kA peak $\pm 10\%$)		
Rated making capacity (kA peak) V AC 50/60 Hz	Icm	220/415 V 440 V 525 V 690 V 1000 V

Break time (ms)		
Closing time (ms)		

Circuit breaker characteristics as per NEMA AB1

Breaking capacity (kA) V AC 50/60 Hz		240 V 480 V 600 V
---	--	-------------------------

Switch disconnector characteristics as per IEC 60947-3

Type of switch disconnector		
Rated making capacity (kA peak) V AC 50/60 Hz	Icm	220/415 V 440 V 500/690 V 1000 V
Rated short-time withstand current (kA rms) V AC 50/60 Hz	Icw	0.5 s 1 s 3 s

Ultimate breaking capacity (Icu) with external protection relay,
Maximum delay 350 ms

Installation, connection and maintenance

Service life	Mechanical	With maintenance	
		Without maintenance	
C/O cycles x 1000	Electrical	Without maintenance	440 V 690 V 1000 V
		Motor control (AC3-947-4)	690 V
	Connection	Drawout	FC RC
	Fixed	FC RC	
Dimensions (mm) H x W x D	Drawout	3P 4P	
		Fixed	3P 4P
	Weight (kg) (approximate)	Drawout	3P/4P
	Fixed	3P/4P	

* 50°C: rear vertical connected.

Circuit breakers and switch disconnectors

NT06 to NT16

NT06			NT08			NT10			NT12			NT16		
630			800			1000			1250			1600		
630			800			1000			1250			1600		
400			400			400			630			800		
to 630			to 800			to 1000			to 1250			to 1600		
H2	L1	H10				H2	H10					H2	H10	
50	150	-				50	-					50	-	
50	130	-				50	-					50	-	
42	100	-				42	-					42	-	
42	25	-				42	-					42	-	
-	-	20				-	20					-	20	
100 %						100 %								
36	10	20				36	20					36	20	
36	-	-				36	-					36	-	
20	-	-				20	-					20	-	
-	1 ⁽¹⁾	-				-	-					-	-	
105	330	-				105	-					105	-	
105	286	-				105	-					105	-	
88	220	-				88	-					88	-	
88	52	-				88	-					88	-	
-	-	42				-	42					-	42	
25	9	25				25	25					25	25	
< 50						< 50								
42	150	-				42	-					42	-	
42	100	-				42	-					42	-	
42	25	-				42	-					42	-	
HA	HA10					HA	HA10					HA	HA10	
75	-					75	-					75	-	
75	-					75	-					75	-	
75	-					75	-					75	-	
-	42					-	42					-	42	
36	20					36	20					36	20	
36	-					36	-					36	-	
20	-					20	-					20	-	
36	20					36	20					36	20	
25	25	25				25	25					25	25	
12.5	12.5	12.5				12.5	12.5					12.5	12.5	
6	3	-				6 (NT16 : 3)	-					6 (NT16 : 3)	-	
3	2	-				2 (NT16 : 1)	-					2 (NT16 : 1)	-	
-	-	0.5				-	0.5					-	0.5	
3	2	-				2 (NT16:1)	-					2 (NT16:1)	-	
■	■	■				■	■					■	■	
■	■	■				■	■					■	■	
■	■	-				■	-					■	-	
■	■	-				■	-					■	-	
322 x 288 x 280														
322 x 358 x 280														
301 x 274 x 211														
301 x 344 x 211														
30/39														
14/18														
Sensor selection														
Sensor rating (A)			400	630	800	1000	1250	1600						
Ir threshold setting (A)			160 to 400	250 to 630	320 to 800	400 to 1000	500 to 1250	640 to 1600						

(1) SELLIM system

Standard specifications

Prices shown for circuit breakers and switch disconnectors include:

Fixed

- > 4 changeover auxiliary contacts
- > Door escutcheon

Drawout

- > 4 changeover auxiliary contacts
- > Busbar shutters (padlockable)
- > Arc chute cover
- > Auxiliary terminal shield
- > Mismatch protection
- > Door interlock
- > Door escutcheon
- > Racking handle

All circuit and switch disconnectors are complete with:

- > Manual open/close pushbuttons
- > Hand charged stored energy operating mechanism

NT06 to NT16

Fixed circuit breakers

Circuit breaker selection

A Masterpact fixed circuit breaker is described by 4 catalogue numbers corresponding to:

- > The basic circuit breaker
- > A control unit
- > A top connection
- > A bottom connection

Communication option and various auxiliaries and accessories may also be added.

Basic circuit breaker

Type H2

			3P	Price £	4P	Price £
In (Aat 40°C) Icu (kAfor U = 220/415 V) - Ics = 100% Icu						
NT06	630	50	47113	1567.05	47119	2145.59
NT08	800	50	47123	1543.09	47128	2224.08
NT10	1000	50	47131	1710.18	47138	2342.04
NT12	1250	50	47141	1858.52	47147	2541.71
NT16	1600	50	47151	1946.61	47157	2680.36

Type L1

			3P	Price £	4P	Price £
In (Aat 40°C) Icu (kAfor U = 220/415 V) - Ics = 100% Icu						
NT06	630	150	47112	1930.42	47117	2558.55
NT08	800	150	47122	2000.72	47127	2652.15
NT10	1000	150	47132	2091.98	47137	2782.20

Micrologic control unit

Ammeter A

		3P/4P	Price £
Micrologic 2.0 A	Basic protection	47282	536.41
Micrologic 5.0 A	Selective protection	47285	733.50 ⁽¹⁾
Micrologic 6.0 A	Selective + earth-fault protection	47286	1055.96
Micrologic 7.0 A	Selective + earth-leakage protection	47287	1055.96

Power meter P

		3P/4P	Price £
Micrologic 5.0 P	Selective protection	47289	1738.98 ⁽¹⁾
Micrologic 6.0 P	Selective + earth-fault protection	47290	2032.20
Micrologic 7.0 P	Selective + earth-leakage protection	47291	2032.20

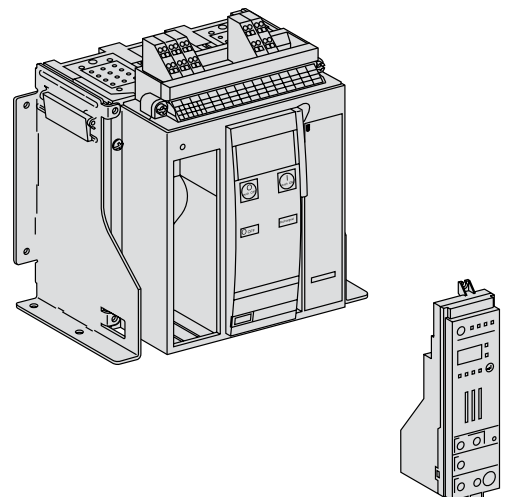
Harmonic meter H

		3P/4P	Price £
Micrologic 5.0 H	Selective protection	47293	2422.28 ⁽¹⁾
Micrologic 6.0 H	Selective + earth-fault protection	47294	2710.06
Micrologic 7.0 H	Selective + earth-leakage protection	47295	2710.06

Communication option

	3P/4P	Price £
Modbus COM	47405	359.96
Eco Modbus COM module	47407	248.23

(1) Rectangular sensor required

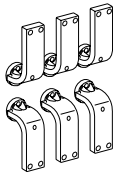


NT06 to NT16

Fixed circuit breakers

Connection terminals

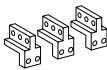
Front connection



630/1600A		3P	Price £	4P	Price £
	Top	47328	128.46	47330	169.40
	Bottom	47329	128.46	47331	169.40

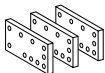
Front connection accessories

Vertical connection adapters 630/1600A



3P (3 parts)	33642	124.44
4P (4 parts)	33643	166.40

Cable lug adapters 630/1600A



3P (3 parts)	33644	111.41
4P (4 parts)	33645	147.59

Interphase barriers



3P/4P top (3 parts)	33648	39.52
3P/4P bottom (3 parts)	33648	39.52

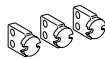
Arc chute screen



3P	47335	20.16
4P	47336	57.86

Rear connection

Vertical connection



630/1600A		3P	Price £	4P	Price £
	Top	33604	91.19	33614	121.54
	Bottom	33605	91.19	33615	121.54

Horizontal connection



630/1600A		3P	Price £	4P	Price £
	Top	33606	91.19	33616	121.54
	Bottom	33607	91.19	33617	121.54

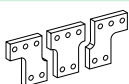
Rear connection accessories



Interphase barriers			
3P/4P top (3 parts)	33648	39.52	
3P/4P bottom (3 parts)	33648	39.52	

Common accessories for front and rear connections

Spreader



630/1600A		3P	Price £	4P	Price £
		33622	124.44		
		33623	162.06		

For front and horizontal rear connection

Cable lug kits



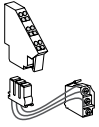
240mm ²	3P (6 lug kit)	33013	105.63
	4P (8 lug kit)	33014	144.69
300mm ²	3P (6 lug kit)	33015	114.30
	4P (8 lug kit)	33016	151.93

NT06 to NT16

Fixed circuit breakers

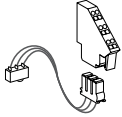
Indication contacts

Indication contacts (OF)



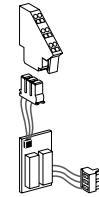
Changeover contacts (6A - 240V)	4 (standard)	Price £
1 low-level OF to replace 1 standard OF (4 max.)	47339	29.65

“Fault trip” indication contacts (SDE)



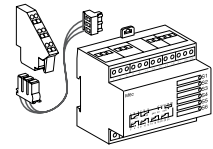
Changeover contact (5A - 240V)	1 (standard)	
1 additional SDE (5A - 240V)	47340	37.00
1 additional low-level SDE	47341	42.34

Programmable contacts* (programmed via Micrologic control unit)



2 contacts (M2C) (5A - 240V)	47403	80.23
------------------------------	--------------	-------

M2C



6 changeover contacts (M6C) (5A - 240V)	47404	212.54
---	--------------	--------

M6C

* For Micrologic control units P and H only.

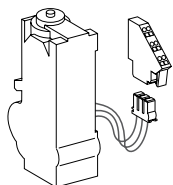
NT06 to NT16

Fixed circuit breakers

Remote operation

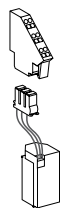
Remote ON/OFF

Gear motor



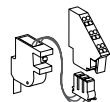
		MCH	Price £
AC 50/60 Hz	48 V	47391	564.66
	100-130 V	47395	564.66
	200-240 V	47396	564.66
	277-415 V	47398	564.66
	440-480V	47400	564.66
DC	24-30 V	47390	564.66
	48-60 V	47391	564.66
	100-130 V	47392	564.66
	200-250 V	47393	564.66

Instantaneous voltage releases



		Closing release		Opening release		
	Standard	XF	Price £	MX	Price £	
AC 50/60 Hz	12 V DC	47349	97.40	47359	97.40	
	DC	24-30 V DC, 24 V AC	47350	97.40	47360	97.40
		48-60 V DC, 48 V AC	47351	97.40	47361	97.40
	100-130 V	47352	97.40	47362	97.40	
	200-250 V	47353	97.40	47363	97.40	
	277 V AC	47354	97.40	47364	97.40	
	380-480 V AC	47355	97.40	47365	97.40	
	Communicating	XF com	Price £	MX com	Price £	
AC 50/60 Hz	12 V DC	47310	118.07	47320	118.07	
	DC	24-30 V DC, 24 V AC	47311	118.07	47321	118.07
		48-60 V DC, 48 V AC	47312	118.07	47322	118.07
	100-130 V	47313	118.07	47323	118.07	
	200-250 V	47314	118.07	47324	118.07	
	277 V AC	47315	118.07	47325	118.07	
380-480 V AC	47316	118.07	47326	118.07		

Ready to close contact (1 max.)



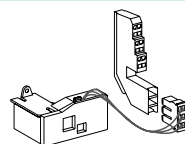
		PF	Price £
1 changeover contact (5 A - 240 V)		47342	144.65
	1 low-level changeover contact	47343	174.15

Electrical closing pushbutton



		BPFE	Price £
1 pushbutton		47512	118.07

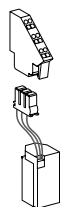
Remote reset after fault trip



		Electrical reset	Res	Price £
110-130 V AC		47344		118.07
		47345		118.07
Automatic reset		RAR		
	Adaptation	47346	*	

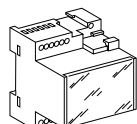
Remote tripping

Instantaneous voltage release



		2nd MX	Price £ or	MN	Price £
AC 50/60 Hz	12 V DC	47369	97.40		
	24-30 V DC, 24 V AC	47370	97.40	47380	162.35
DC	48-60 V DC, 48 V AC	47371	97.40	47381	162.35
	100-130 V	47372	97.40	47382	162.35
	200-250 V	47373	97.40	47383	162.35
	277 V AC	47374	97.40		
	380-480 V AC	47375	97.40	47385	162.35

MN delay unit



		R (non-adjustable)		Rr (adjustable)	
AC 50/60 Hz	48-60 V			33680	238.75
	100-130 V	33684	192.78	33681	238.75
	200-250 V	33685	192.78	33682	238.75
	380-480 V			33683	238.75

* No charge.

NT06 to NT16

Drawout circuit breakers

Circuit breaker selection

A Masterpact drawout circuit breaker is described by 5 catalogue numbers corresponding to:

- > The basic circuit breaker
- > A control unit
- > A chassis
- > A top connection
- > A bottom connection

A communication option and various auxiliaries and accessories may also be added.

Basic circuit breaker

Type H2			3P	Price £	4P	Price £
			In (A at 40°C) Icu (kA for U = 220/415 V) - Ics = 100% Icu			
NT06	630	50	47203	970.85	47209	1527.55
NT08	800	50	47211	1055.93	47218	1636.90
NT10	1000	50	47221	1147.72	47228	1747.44
NT12	1250	50	47231	1342.17	47237	1963.81
NT16	1600	50	47241	1600.07	47247	2511.50

Type L1

			3P	Price £	4P	Price £
			In (A at 40°C) Icu (kA for U = 220/415 V) - Ics = 100% Icu			
NT06	630	150	47202	1566.96	47207	2241.16
NT08	800	150	47212	1680.85	47217	2388.16
NT10	1000	150	47222	1794.76	47227	2531.22

Micrologic control unit

Ammeter A		3P/4P	Price £
Micrologic 2.0 A	Basic protection	33525	536.41
Micrologic 5.0 A	Selective protection	33532	733.50
Micrologic 6.0 A	Selective + earth-fault protection	33533	1055.96
Micrologic 7.0 A	Selective + earth-leakage protection	33534	1055.96 ⁽¹⁾

Power meter P

		3P/4P	Price £
Micrologic 5.0 P	Selective protection	47297	1738.98
Micrologic 6.0 P	Selective + earth-fault protection	47298	2032.20
Micrologic 7.0 P	Selective + earth-leakage protection	47299	2032.20 ⁽¹⁾

Harmonic meter H

		3P/4P	Price £
Micrologic 5.0 H	Selective protection	47301	2422.28
Micrologic 6.0 H	Selective + earth-fault protection	47302	2710.06
Micrologic 7.0 H	Selective + earth-leakage protection	47303	2710.06 ⁽¹⁾

Chassis

For type H2				
	3P	Price £	4P	Price £
630/1250 A	33722	1133.19	33725	1241.34
1600 A	33723	1153.15	33726	1287.02

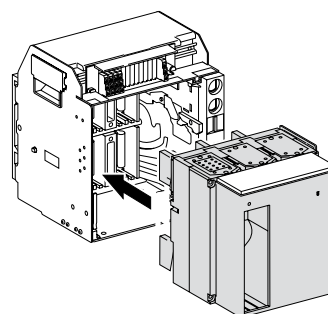
For type L1

	3P	Price £	4P	Price £
630/1000 A	33723	1153.15	33726	1287.02

Communication option

	Chassis	+	Circuit breaker	
Modbus COM	33852	141.82	47485	359.96
Eco Modbus COM module			33843	248.23

(1) Rectangular sensor required

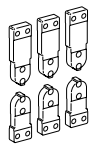


NT06 to NT16

Drawout circuit breakers

Chassis connection terminals

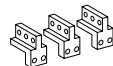
Chassis front connection



		3P	Price £	4P	Price £
630/1600A	Top	33727	91.19	33733	121.54
	Bottom	33728	91.19	33734	121.54

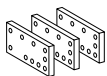
Front connection accessories

Vertical connection adapters 630/1600A



3P (3 parts)	33642	124.44
4P (4 parts)	33643	166.40

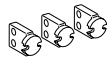
Cable lug adapters 630/1600A



3P (3 parts)	33644	111.41
4P (4 parts)	33645	147.59

Chassis rear connection

Vertical connection



		3P	Price £	4P	Price £
630/1600A	Top	33729	91.19	33735	121.54
	Bottom	33730	91.19	33736	121.54

Horizontal connection



		3P	Price £	4P	Price £
630/1600A	Top	33731	91.19	33737	121.54
	Bottom	33732	91.19	33738	121.54

Rear connection accessories

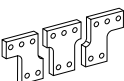
Interphase barriers



3P/4P (3 parts)	33768	37.63
-----------------	--------------	-------

Common accessories for front and rear connection

Spreaders



630/1600A	3P	33622	124.44
	4P	33623	162.06

For front and horizontal rear connection.

Cable lug kits



240mm ²	3P (6 lug kit)	33013	105.63
	4P (8 lug kit)	33014	144.69
300mm ²	3P (6 lug kit)	33015	114.30
	4P (8 lug kit)	33016	151.93

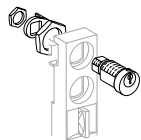
NT06 to NT16

Drawout circuit breakers

Chassis locking and accessories

Chassis locking

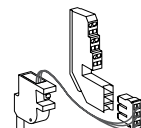
Disconnected position locking



By padlocks

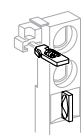
By keylocks		Standard	Price £
Profalux	1 lock	33773	60.76
	1 lock + 1 lock with same key profile	33774	121.55
	2 locks (different key profiles)	33775	121.55
Ronis	1 lock	33776	60.76
	1 lock + 1 lock with same key profile	33777	121.55
	2 locks (different key profiles)	33778	121.55
Optional disconnected/test/connected position locking		33779	*
Locking kit without locks for	Profalux	33769	31.83
	Ronis	33770	31.83
	Castell	33771	118.65
	Kirk	33772	POA

Door interlock (1 part)



Right-hand side of chassis (VPECD)	33786	40.52
Left-hand side of chassis (VPECG)	33787	40.52

Racking interlock



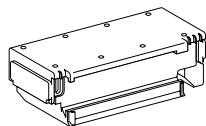
Racking interlock (VPOC)	33788	44.86
--------------------------	--------------	-------

Breaker mismatch protection



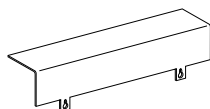
Breaker mismatch protection (VDC)	33767	65.11
-----------------------------------	--------------	-------

Chassis accessories



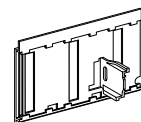
Arc chute cover	3P/4P	Standard
-----------------	--------------	----------

Auxiliary terminal shield (CB)



Terminal shield	3P	33763	40.52
	4P	33764	46.31

Safety shutters



Safety shutters (VO)	3P	33765	66.58
	4P	33766	79.58

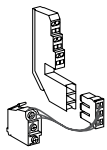
(*) No charge

NT06 to NT16

Drawout circuit breakers

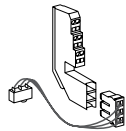
Indication contacts

ON/OFF indication contacts (OF)



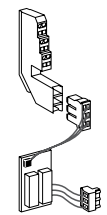
Changeover contacts (6A - 240V)	4 (standard)	Price £
1 low-level OF to replace 1 standard OF (4 max.)	33806	41.97

Fault trip indication contacts (SDE)



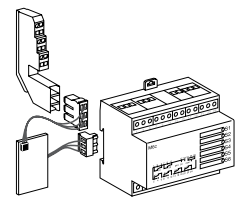
Changeover contact (5A - 240V)	1 (standard)	Price £
1 additional SDE (5A - 240V)	47430	34.57
1 additional low-level SDE	47431	41.75

Programmable contacts * (programmed via Micrologic control unit)



M2C

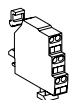
2 contacts M2C (5A - 240V)	47483	78.24
----------------------------	--------------	-------



M6C

6 changeover contacts M6C (5A - 240V)	47484	212.54
---------------------------------------	--------------	--------

Carriage switches (connected / disconnected / test position)



Changeover contacts (6A - 240 V)		
1 connected position contact (3 max.)	33751	35.58
1 test position contact (1 max.)	33752	35.58
1 disconnected position contact (2 max.)	33753	32.62
And/or low-level changeover contacts		
1 connected position contact (3 max.)	33754	43.00
1 test position contact (1 max.)	33755	43.00
1 disconnected position contact (2 max.)	33756	43.00

Auxiliary terminals for chassis alone

3 wire terminal (30 parts)	47071	141.11
6 wire terminal (10 parts)	47072	149.89

(*) For Micrologic control units P and H only.

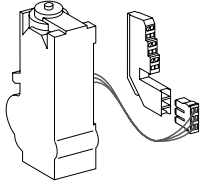
NT06 to NT16

Drawout circuit breakers

Remote operation

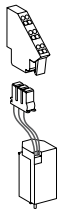
Remote ON/OFF

Gear motor



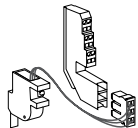
		MCH	Price £	
AC 50/60 Hz	48 V	47461	564.66	
	100-130 V	47465	564.66	
	200-240 V	47466	564.66	
	277-415 V	47468	564.66	
	440-480 V	47470	564.66	
DC	24-30 V	47460	564.66	
	48-60 V	47461	564.66	
	100-130 V	47462	564.66	
	200-250 V	47463	564.66	

Instantaneous voltage release



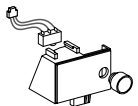
		Closing release		Opening release		
		XF	Price £	MX	Price £	
Standard	AC 50/60 Hz	12 V DC	47439	97.40	33809	97.40
	DC	24-30 V DC, 24 V AC	47440	97.40	33810	97.40
		48-60 V DC, 48 V AC	47441	97.40	33811	97.40
		100-130 V	47442	97.40	33812	97.40
		200-250 V	47443	97.40	33813	97.40
		277 V AC	47444	97.40	33814	97.40
		380-480 V AC	47445	97.40	33815	97.40
	Communicating	AC 50/60 Hz	12 V DC	47411	118.07	33791
DC		24-30 V DC, 24 V AC	47412	118.07	33792	118.07
		48-60 V DC, 48 V AC	47413	118.07	33793	118.07
		100-130 V	47414	118.07	33794	118.07
		200-250 V	47415	118.07	33795	118.07
		277 V AC	47416	118.07	33796	118.07
		380-480 V AC	47417	118.07	33797	118.07

Ready to close contact (1 max.)



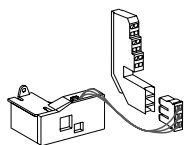
		PF	Price £
1 changeover contact (5 A - 240 V)		47432	144.65
	1 low-level changeover contact	47433	174.15

Electrical closing pushbutton



		BPFE	Price £
1 pushbutton		47512	118.07

Remote reset after fault trip



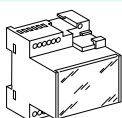
		Res	Price £
Electrical reset	110-130 V AC	47434	128.39
	220-240 V AC	47435	128.39
Automatic reset		RAR	
Adaptation		47346	*

Remote tripping

Instantaneous voltage release

		2nd MX	Price £ or	MN	Price £
AC 50/60 Hz	12 V DC	47449	97.40		
	DC	24-30 V DC, 24 V AC	47450	97.40	33819
	48-60 V DC, 48 V AC	47451	97.40	33820	162.35
	100-130 V	47452	97.40	33821	162.35
	200-250 V	47453	97.40	33822	162.35
	277 V AC	47454	97.40		
	380-480 V AC	47455	97.40	33824	162.35

MN delay unit



		R (non-adjustable)		Rr (adjustable)	
AC 50/60 Hz	48-60 V			33680	238.75
	DC	100-130 V	33684	192.78	33681
	200-250 V	33685	192.78	33682	238.75
	380-480 V			33683	238.75

(*) No charge.

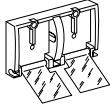
Accessories NT06 to NT16

Fixed or drawout circuit breakers

Circuit breaker selection

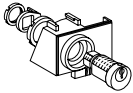
Circuit breaker locking

Pushbutton locking device



		Price £
By padlocks	33897	37.63

OFF position locking



By padlocks + BPFE support			
		47514	41.72
By keylocks + BPFE support			
Profalux	1 lock	47519	61.35
	1 lock + 1 lock with same key profile	47520	122.74
Ronis	1 lock	47521	61.35
	1 lock + 1 lock with same key profile	47522	122.74
Locking kit without locks for	Profalux	47515	31.05
	Ronis	47516	31.05
	Kirk	47517	122.38
	Castell	47518	118.07

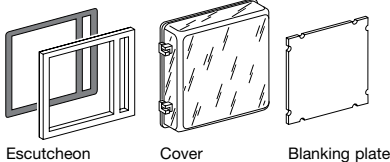
Other circuit breaker accessories

Mechanical operation counter



Operation counter CDM	33895	109.97
-----------------------	--------------	--------

Escutcheon and accessories

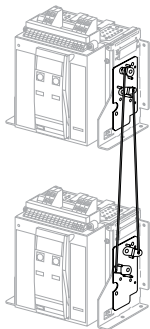


Escutcheon Cover Blanking plate

	Fixed	Price £	Drawout	Price £
Escutcheon	33718	23.15	33857	46.31
Transparent cover (IP54)			33859	225.69
Escutcheon blanking plate			33858	72.36

Mechanical interlocking for source changeover

Interlocking using connecting rods

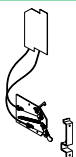


Complete assembly with 2 adaptation fixtures + rods	33912	629.42
2 Masterpact NT drawout devices	33913	629.42

Interlocking using cables *

Choose 2 adaptation fixtures (1 for each breaker) + 1 set of cables		
1 adaptation fixture for Masterpact NT fixed devices	33200	202.78
1 adaptation fixture for Masterpact NT drawout devices	33201	202.78
1 set of 2 cables	33209	119.06

Cable-type door interlock



1 complete assembly for Masterpact NT fixed devices	33920	489.30
1 complete assembly for Masterpact NT drawout devices	33921	489.30

(*) Can be used with any combination of NT or NW, fixed or drawout devices.

Accessories NT06 to NT16

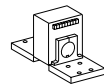
Fixed or drawout circuit breakers

Circuit breaker selection

Accessories for Micrologic control units

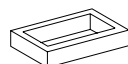
External sensors

External sensor for earth-leakage protection (TCE)



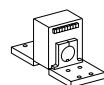
Sensor rating 400/1600 A (for Micrologic P and H with 3P devices)	33576	Price £ 390.67
---	--------------	-------------------

Rectangular sensor for earth-leakage protection



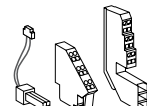
280 mm x 115mm	33573	1093.91
----------------	--------------	---------

Source ground return (SGR) earth fault protection



External sensor (SGR)	33579	474.78
MDGF summing module	48891	604.74

Voltage measurement input (for breakers supplied via bottom terminals)



Voltage measurement input	Fixed	47506	22.56
	Drawout	47507	22.56

Long-time rating plug (limits setting range for higher accuracy)

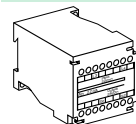


Standard	0.4 to 1 x I _r	33542	36.16
Low-setting option	0.4 to 0.8 x I _r	33543	36.16
High-setting option	0.8 to 1 x I _r	33544	36.16
Without long-time protection	Off	33545	36.16

Zone Selective Interlocking option for Micrologic P and H

ZSI	Standard
-----	-----------------

External power supply module

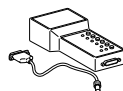


24-30 V DC	54440	332.03
48-60 V DC	54441	332.03
125 V DC	54442	332.03
110 V AC	54443	332.03
220 V AC	54444	332.03
380 V AC	54445	332.03

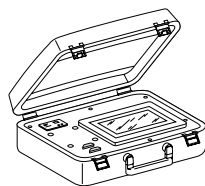
Battery module

1 24 V battery	54446	326.10
----------------	--------------	--------

Test equipment



Mini test kit	33594	688.73
---------------	--------------	--------



Portable test kit	33595	4869.63
Replacement test lead for Micrologic trip units	33590	166.77

Special settings

Rating	NT06	NT08	NT10	NT12	NT16
400	45073	45073	45073		
630		33091	33091	33091	
800			33092	33092	33092
1000				33093	33093
1250					33094

Note: For ratings I_n = 100 or 250A, please contact Schneider Electric.

NT06 to NT16

Fixed switch disconnectors

Switch disconnector selection

A Masterpact fixed switch disconnector is described by 3 catalogue numbers corresponding to:

- > The basic switch disconnector
- > A top connection
- > A bottom connection

A communication option and various auxiliaries and accessories may also be added.

Basic switch disconnector

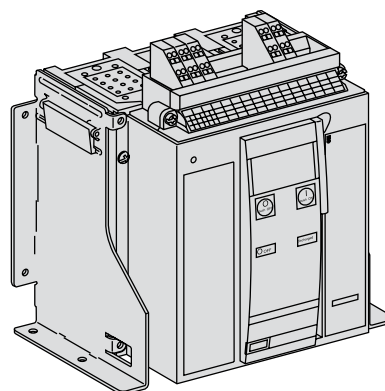
Type HA

			3P	Price £	4P	Price £
	In (Aat 40°C)	Icm (kApeak for U = 220/690 V)				
NT06	630	60	47159	1769.71	47160	2256.97
NT08	800	60	47161	1834.58	47162	2391.47
NT10	1000	60	47163	1925.37	47164	2511.60
NT12	1250	60	47165	2081.17	47166	2714.68
NT16	1600	60	47167	2180.97	47168	2861.31

Communication option

Modbus COM

47405 359.96

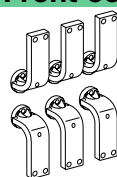


NT06 to NT16

Fixed switch disconnectors

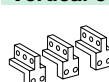
Connection terminals and accessories

Front connection

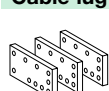
	630/1600A	Top	3P	Price £	4P	Price £
		Bottom	47328	128.46	47330	169.40
			47329	128.46	47331	169.40

Front connection accessories


Vertical connection adapters 630/1600 A

	3P (3 parts)	33642	124.44
	4P (4 parts)	33643	166.40

Cable lug adapters 630/1600 A

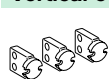
	3P (3 parts)	33644	111.41
	4P (4 parts)	33645	147.59

Interphase barriers

	3P/4P top (3 parts)	33648	39.52
	3P/4P bottom (3 parts)	33648	39.52

Rear connection

Vertical connection


	630/1600 A	Top	3P	Price £	4P	Price £
		Bottom	33604	91.19	33614	121.54
			33605	91.19	33615	121.54

Horizontal connection

	630/1600 A	Top	3P	Price £	4P	Price £
		Bottom	33606	91.19	33616	121.54
			33607	91.19	33617	121.54

Rear connection accessories

Interphase barriers


	3P/4P top (3 parts)	33648	39.52
	3P/4P bottom (3 parts)	33648	39.52

Common accessories for front and rear connection

Spreaders

	630/1600 A	3P	33622	124.44
		4P	33623	162.06
For front and horizontal rear connection				

Cable lug kits

	240mm ²	3P (6 lug kit)	33013	105.63
		4P (8 lug kit)	33014	144.69
	300mm ²	3P (6 lug kit)	33015	114.30
		4P (8 lug kit)	33016	151.93

NT06 to NT16

Drawout switch disconnectors

Switch disconnector selection

A Masterpact drawout switch disconnector is described by 4 catalogue numbers corresponding to:

- > The basic switch disconnector
- > A chassis
- > A top connection
- > A bottom connection

A communication option and various auxiliaries and accessories may also be added.

Basic switch disconnector

Type HA

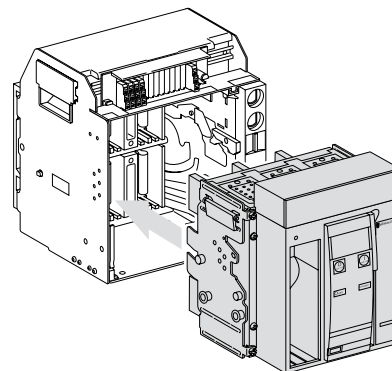
			3P	Price £	4P	Price £
In (Aat 40°C) Icm (kApeak for U = 220/690 V)						
NT06	630	60	47248	1182.82	47249	1694.12
NT08	800	60	47250	1271.58	47251	1696.76
NT10	1000	60	47252	1370.92	47253	1924.57
NT12	1250	60	47254	1570.92	47255	2143.12
NT16	1600	60	47256	1819.93	47257	2581.55

Chassis

	3P	Price £	4P	Price £
630/1250 A	33722	1133.19	33725	1241.34
1600 A	33723	1153.15	33726	1287.02

Communication option

COM Modbus	Chassis	+	Switch-disconnector
	33852	141.82	47485 359.96

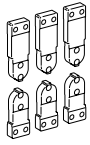


NT06 to NT16

Drawout circuit breakers

Chassis connection terminals

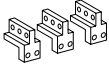
Chassis front connection



630/1600A		3P	Price £	4P	Price £
		Top	33727	91.19	33733 121.54
		Bottom	33728	91.19	33734 121.54

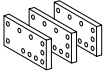
Front connection accessories

Vertical connection adapters 630/1600A



3P (3 parts)	33642	124.44
4P (4 parts)	33643	166.40

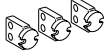
Cable lug adapters 630/1600A



3P (3 parts)	33644	111.41
4P (4 parts)	33645	147.59

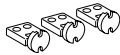
Chassis rear connection

Vertical connection



630/1600A		3P	Price £	4P	Price £
		Top	33729	91.19	33735 121.54
		Bottom	33730	91.19	33736 121.54

Horizontal connection



630/1600A		3P	Price £	4P	Price £
		Top	33731	91.19	33737 121.54
		Bottom	33732	91.19	33738 121.54

Rear connection accessories

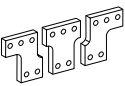
Interphase barriers



3P/4P (3 parts)	33768	37.63
-----------------	--------------	-------

Common accessories for front and rear connection

Spreaders



630/1600A	3P	33622	124.44
	4P	33623	162.06

For front and horizontal rear connection.

Cable lug kits



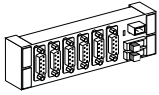
240mm ²	3P (6 lug kit)	33013	105.63
	4P (8 lug kit)	33014	144.69
300mm ²	3P (6 lug kit)	33015	114.30
	4P (8 lug kit)	33016	151.93

NT06 to NT16

Communication bus accessories and metering devices

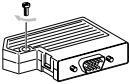
RS485 Modbus pre-wired system

RS485 Modbus junction block



CJB306: 6 SubD 9 pins connectors junction block	Price £	
	50963	85.98

RS485 Modbus connector

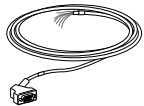


CSD309: 9 pins SubD with screw terminals	50964	36.34
--	--------------	-------

RS485 Modbus cables



CCP303: Masterpact or Compact pre-wired cable (4 RS485 wires + 2 power wires) 3 m length	50961	32.60
---	--------------	-------



CCR301: RS485 roll cable (2 RS485 wires + 2 power wires) 60 m length	50965	334.65
---	--------------	--------

NT06 to NT16

Circuit breakers and switch disconnectors

Order form

To indicate your choices, check the applicable square boxes and enter the appropriate information in the rectangles

Basic device	Quantity	
Masterpact type	NT	<input style="width: 50px;" type="text"/>
Rated current	A	<input style="width: 50px;" type="text"/>
Sensor rating	A	<input style="width: 50px;" type="text"/>
Circuit breaker	H2 L1	<input style="width: 50px;" type="text"/>
Switch disconnector	HA	<input style="width: 50px;" type="text"/>
Number of poles	3 or 4	<input style="width: 50px;" type="text"/>
Type of device	Fixed	<input type="checkbox"/>
	Draw out with chassis	<input type="checkbox"/>
	Draw out without chassis	<input type="checkbox"/>
Chassis alone		<input type="checkbox"/>

Micrologic control unit			
A - ammeter			
	2.0 <input type="checkbox"/>	5.0 <input type="checkbox"/>	6.0 <input type="checkbox"/>
			7.0 <input type="checkbox"/>
P - power meter			
	5.0 <input type="checkbox"/>	6.0 <input type="checkbox"/>	7.0 <input type="checkbox"/>
H - harmonic meter			
	5.0 <input type="checkbox"/>	6.0 <input type="checkbox"/>	7.0 <input type="checkbox"/>

TCE - external sensor (CT) for neutral + earth fault protection	<input type="checkbox"/>
Rectangular sensor 280 X 115	<input type="checkbox"/>
LT - long time rating plug (standard setting 0.4 to 1 x Ir)	
Low setting option 0.4 to 0.8 Ir	<input type="checkbox"/>
High setting option 0.8 to 1 Ir	<input type="checkbox"/>
LT OFF option	<input type="checkbox"/>
PTE - external voltage measurement input	<input type="checkbox"/>
AD - external power supply module	<input type="checkbox"/>
BAT - battery module	<input type="checkbox"/>

Communication	
COM	Modbus <input type="checkbox"/>
Eco COM	Modbus <input type="checkbox"/>

Connection		
Horizontal	Top <input type="checkbox"/>	Bottom <input type="checkbox"/>
Vertical	Top <input type="checkbox"/>	Bottom <input type="checkbox"/>
Front	Top <input type="checkbox"/>	Bottom <input type="checkbox"/>
Bare cable connectors	NT-FC, fixed, draw <input type="checkbox"/>	
4 x 20 mm ² + connector shield		
Vertical connection adapters	NT-FC, fixed, draw <input type="checkbox"/>	
Cable lug adapters	NT-FC, fixed, draw <input type="checkbox"/>	
Interphase barriers	NT, fixed, draw <input type="checkbox"/>	
Spreaders	NT, fixed, drawout <input type="checkbox"/>	

Key for Micrologic control units

2.0: Basic protection (long time + inst.)

5.0: Selective protection (long time + short time + inst.)

6.0: Selective + earth fault protection (long time + short time + inst. + earth fault)

7.0: Selective + earth leakage protection (long time + short time + inst. + earth leakage)

Sheet _____ of _____

Locking

VBP - ON/OFF pushbutton locking	<input type="checkbox"/>		
Off position locking	Locking kit <input type="checkbox"/>	Profalux <input type="checkbox"/>	Ronis <input type="checkbox"/>
	without keylocks		
	1 lock <input type="checkbox"/>	1 lock + 1 lock with same key profile	<input type="checkbox"/>
VSPD - chassis locking in disconnected position	Locking kit <input type="checkbox"/>	Profalux <input type="checkbox"/>	Ronis <input type="checkbox"/>
	without keylocks		
	1 lock <input type="checkbox"/>	1 lock + 1 lock with same key profile	<input type="checkbox"/>
	2 locks (different profiles)		<input type="checkbox"/>
VPEC - door interlock	Latch on right hand side of chassis	<input type="checkbox"/>	
	Latch on left hand side of chassis	<input type="checkbox"/>	
VPOC - Racking interlock	<input type="checkbox"/>		
IPA - Cable type door interlock	<input type="checkbox"/>		
VDC - Mismatch protection	<input type="checkbox"/>		

Indication contacts

ON/OFF indication contacts			
Standard	4 of 6A - 240V AC (10A - 240V AC low level)		
Alternate	1 of low level for NT	Max. 4	Qty <input style="width: 50px;" type="text"/>
(Replaces a standard contact)			
SDE - fault trip indication contacts			
Standard	1 SDE 5A - 240V AC	<input type="checkbox"/>	
Additional	1 SDE 5A - 240V AC	<input type="checkbox"/>	
	1 SDE low level	<input type="checkbox"/>	
Programmable contacts	2 M2C contacts	<input type="checkbox"/>	
	6 M6C contacts	<input type="checkbox"/>	
Carriage switches			
	Low level	<input type="checkbox"/>	
	6A - 240V AC	<input type="checkbox"/>	
CE - connected position	Max. 3	Qty	<input style="width: 50px;" type="text"/>
CD - disconnected position	Max. 2	Qty	<input style="width: 50px;" type="text"/>
CT - test position	Max. 1	Qty	<input style="width: 50px;" type="text"/>
AC - Actuator for additional carriage switches		Qty	<input style="width: 50px;" type="text"/>

Remote operation

Remote ON/OFF	MCH - Gear motor	V <input style="width: 50px;" type="text"/>
	XF - Closing voltage release	V <input style="width: 50px;" type="text"/>
	MX - Opening voltage release	V <input style="width: 50px;" type="text"/>
	PF - Ready to close contact	Low level <input type="checkbox"/>
		6A - 240V AC <input type="checkbox"/>
	BPFE - Electrical closing pushbutton	<input type="checkbox"/>
	Res - Electrical reset option	<input type="checkbox"/>
	RAR - Automatic reset option	<input type="checkbox"/>
Remote tripping	MN - Undervoltage release	V <input style="width: 50px;" type="text"/>
	R - Delay unit (non-adjustable)	<input type="checkbox"/>
	Rr - Adjustable delay unit	<input type="checkbox"/>
	2nd MX - Shunt release	V <input style="width: 50px;" type="text"/>

Accessories

CDM - Mechanical operation counter	<input type="checkbox"/>
CB - Auxiliary terminal shield for chassis	<input type="checkbox"/>
CDP - Escutcheon	<input type="checkbox"/>
CP - Transparent cover	<input type="checkbox"/>
OP - Blanking plate	<input type="checkbox"/>
Brackets for mounting on backplates	<input type="checkbox"/>

Please photocopy and complete this form

Fax it to 0870 608 8 606

Standard specifications

Prices shown for circuit breakers and switch disconnectors include:

Fixed

- > 4 changeover auxiliary contacts
- > Door escutcheon

Drawout

- > 4 changeover auxiliary contacts
- > Busbar shutters (padlockable)
- > Arc chute cover
- > Auxiliary terminal shield
- > Mismatch protection
- > Door interlock
- > Door escutcheon
- > Racking handle

All circuit and switch disconnectors are complete with:

- > Manual open/close pushbuttons
- > Hand charged stored energy operating mechanism

NW08 to NW63

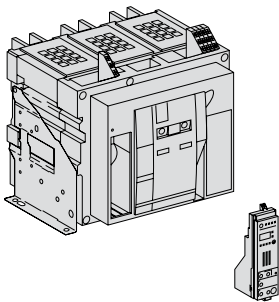
Fixed circuit breakers

Circuit breaker selection

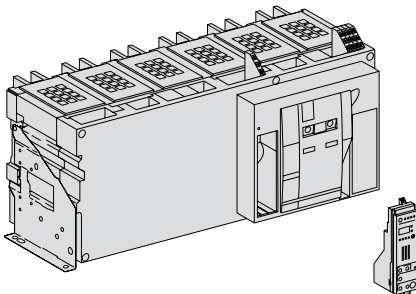
The specification of a fixed Masterpact circuit breaker requires 4 catalogue numbers, corresponding to:

- The basic circuit breaker.
- A control unit.
- A top connection.
- A bottom connection.

A communication option and various auxiliaries and accessories may also be added.



Basic switch disconnecter < 4000 A



Basic switch disconnecter > 4000b A

Auxiliaries and accessories:

- For fixed devices: see page 97-98.
- For fixed or drawout devices: see page 105-106.

Switch disconnecter version: see page 107.

Interlocking: see page 105.

1 Basic circuit breaker

Type H1

			3P	Price £	4P	Price £
			In (A at 40°C)Icu (kA for U = 220/440 V) - Ics = 100% Icu			
NW08	800	65	48001	1874.64	48008	2567.28
NW10	1000	65	48015	1928.29	48022	2640.71
NW12	1250	65	48029	2025.70	48036	2770.31
NW16	1600	65	48043	2121.69	48050	2921.47
NW20	2000	65	48057	3129.57	48064	4010.02
NW25	2500	65	48070	3674.48	48076	4917.81
NW32	3200	65	48082	5056.47	48087	6750.06
NW40	4000	65	48092	7584.69	48097	9714.77
NW40b	4000	100	48106	8994.07	48109	11494.07
NW50	5000	100	48112	14796.25	48115	16393.88
NW63	6300	100	48118	19296.88	48121	22382.89

Type H2

			3P	Price £	4P	Price £
			In (A at 40°C)Icu (kA for U = 220/440 V) - Ics = 100% Icu			
NW08	800	100	48002	2354.18	48009	3120.19
NW10	1000	100	48016	2404.57	48023	3197.94
NW12	1250	100	48030	2508.24	48037	3294.42
NW16	1600	100	48044	2650.79	48051	3575.18
NW20	2000	100	48058	3832.93	48065	4869.62
NW25	2500	100	48071	5056.80	48077	6365.65
NW32	3200	100	48083	6447.72	48088	8441.47
NW40	4000	100	48093	9475.74	48098	12472.10
NW40b	4000	150	48107	11505.84	48110	15103.97
NW50	5000	150	48113	18789.19	48116	19912.34
NW63	6300	150	48119	24044.74	48122	26532.56

Option

Neutral on the right

2 Micrologic control unit

"Ammeter" A

		3P/4P	Price £
Micrologic 2.0A	basic protection	47282	536.41
Micrologic 5.0 A	selective protection	47285	733.50
Micrologic 6.0 A	selective + earth-fault protection	47286	1055.96
Micrologic 7.0 A	selective + earth-leakage protection	47287	1055.96 ⁽¹⁾

Power meter P

		3P/4P	Price £
Micrologic 5.0 P	selective protection	47289	1738.98
Micrologic 6.0 P	selective + earth-fault protection	47290	2032.20
Micrologic 7.0 P	selective + earth-leakage protection	47291	2032.20 ⁽¹⁾

"Harmonic meter" H

		3P/4P	Price £
Micrologic 5.0H	selective protection	47293	2422.28
Micrologic 6.0H	selective + earth-fault protection	47294	2710.06
Micrologic 7.0H	selective + earth-leakage protection	47295	2710.06 ⁽¹⁾

Communication option

	3P/4P	Price £
Modbus COM	48188	359.96

(1) Rectangular sensor required, see page 108.

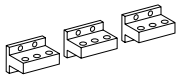
NW08 to NW63

Fixed circuit breakers

Connection terminals

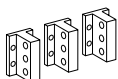
3 and 4 Rear connection

Horizontal connection



		3P	Price £	4P	Price £
800/2000 A	Top	48143	51.82	48168	70.84
	Bottom	48148	51.82	48173	70.84
2500/3200 A	Top	48144	100.35	48169	132.93
	Bottom	48149	100.35	48174	132.93
4000 A	Top	48145	186.03	48170	247.94
	Bottom	48150	186.03	48175	247.94
4000b/5000 A	Top	48146	206.50	48171	259.75
	Bottom	48151	206.50	48176	259.75

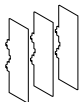
Vertical connection



		3P	Price £	4P	Price £
800/2000 A	Top	48133	51.82	48158	70.84
	Bottom	48138	51.82	48163	70.84
2500/3200 A	Top	48134	100.35	48159	132.93
	Bottom	48139	100.35	48164	132.93
4000 A	Top	48135	186.03	48160	247.94
	Bottom	48140	186.03	48165	247.94
4000b/5000 A	Top	48136	194.82	48161	259.75
	Bottom	48141	194.82	48166	259.75
6300 A	Top	48137	371.93	48162	495.88
	Bottom	48142	371.93	48167	495.88

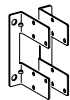
Rear connection accessories

Interphase barriers



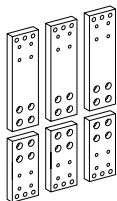
3P/4P (3 parts)	48599	91.51
-----------------	--------------	-------

Brackets for mounting on a backplate



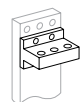
2 parts	47829	110.70
---------	--------------	--------

3 and 4 Front connection



		3P		4P	
800/1600 A	Top	48128	292.29	48153	389.61
	Bottom	48130	292.29	48155	389.61
2000 A	Top	48124	363.13	48126	484.06
	Bottom	48125	363.13	48127	484.06
2500/3200 A	Top	48129	770.45	48154	1027.22
	Bottom	48131	770.45	48156	1027.22

Front connection accessories



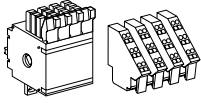
Disconnectable front connection	3P		4P	
1600 A	48421	140.22	48424	187.44
2000/3200 A	48422	191.88	48425	255.33

NW08 to NW63

Fixed circuit breakers

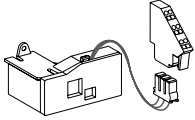
Indication contacts

ON/OFF indication contacts (OF)



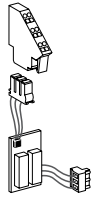
Block of 4 changeover contacts (6 A - 240 V)	1 block (standard)	Price £
1 additional block of 4 contacts (2 max.)	48198	128.39

Fault trip indication contacts (SDE)



Changeover contact (5 A - 240 V)	1 (standard)	
1 additional SDE (5 A - 240 V)	48200	35.41
1 additional low-level SDE	48201	42.79

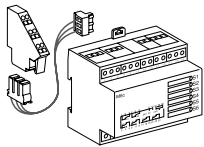
Programmable contacts (*) (programmed via Micrologic control unit)



M2C

2 contacts M2C (5 A - 240 V)	47403	80.23
6 changeover contacts M6C (5 A - 240 V)	47404	212.54

(*) for Micrologic P control units only.



M6C

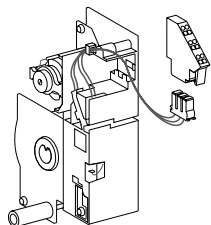
NW08 to NW63

Fixed circuit breakers

Remote operation

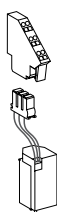
Remote ON/OFF

Gear motor



		MCH	Price £	
AC 50/60 Hz	48 V	48207	590.34	
	100-130 V	48211	590.34	
	200-240 V	48212	590.34	
	250-277 V	48213	590.34	
	380-415 V	48214	590.34	
	440-480 V	48215	590.34	
DC	24-30 V	48206	590.34	
	48-60 V	48207	590.34	
	100-130 V	48208	590.34	
	200-250 V	48209	590.34	

Instantaneous voltage releases



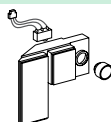
		Closing release		Opening release		
		XF	Price £	MX	Price £	
Standard	AC 50/60 Hz	12 V DC	47349	97.40	47359	97.40
	DC	24-30 V DC, 24 V AC	47350	97.40	47360	97.40
		48/60 V DC, 48 V AC	47351	97.40	47361	97.40
		100-130 V	47352	97.40	47362	97.40
		200-250 V	47353	97.40	47363	97.40
		277 V AC	47354	97.40	47364	97.40
		380-480 V AC	47355	97.40	47365	97.40
		Communicating	AC 50/60 Hz	12 V DC	47310	118.07
DC	24-30 V DC, 24 V AC		47311	118.07	47321	118.07
	48-60 V DC, 48 V AC		47312	118.07	47322	118.07
	100-130 V		47313	118.07	47323	118.07
	200-250 V		47314	118.07	47324	118.07
	277 V AC		47315	118.07	47325	118.07
	380-480 V AC		47316	118.07	47326	118.07

"Ready to close" contact (1 max.)



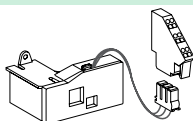
		PF	Price £	
1 changeover contact (5 A - 240 V)		47342	144.65	
	1 low-level changeover contact	47343	174.15	

Electrical closing pushbutton



		BPFE	Price £	
1 pushbutton		48534	110.70	

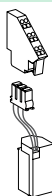
Remote reset after fault trip



		Res	Price £	
Electrical reset	110-130 V AC	48202	128.39	
	220-240 V AC	48203	128.39	
Automatic reset		RAR		
Adaptation		47346	(*)	

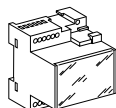
Remote tripping

Instantaneous voltage release



		2nd MX	Price £ or	MN	Price £
		AC 50/60 Hz	12 V DC	47369	97.40
DC	24-30 V DC, 24 V AC	47370	97.40	47380	162.35
	48-60 V DC, 48 V AC	47371	97.40	47381	162.35
	100-130 V	47372	97.40	47382	162.35
	200-250 V	47373	97.40	47383	162.35
	277 V AC	47374	97.40		
	380-480 V AC	47375	97.40	47385	162.35

MN delay unit



		R (non-adjustable)		Rr (adjustable)	
			Price £		Price £
AC 50/60 Hz	48-60 V			33680	238.75
DC	100-130 V	33684	192.78	33681	238.75
	200-250 V	33685	192.78	33682	238.75
	380-480 V			33683	238.75

(*) No charge

NW08 to NW63

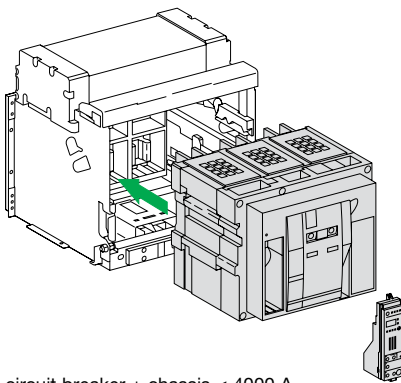
Drawout circuit breakers

Circuit breaker selection

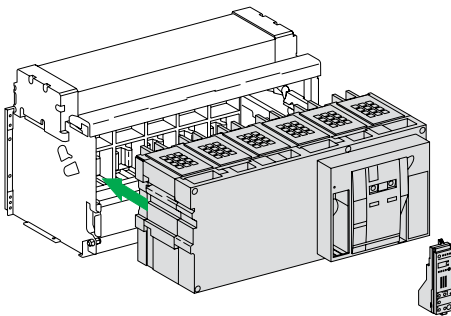
The specification of a drawout Masterpact circuit breaker requires 5 catalogue numbers, corresponding to:

- > The basic circuit breaker.
- > A control unit.
- > A chassis.
- > A top connection.
- > A bottom connection.

A communication option and various auxiliaries and accessories may also be added.



Basic circuit breaker + chassis < 4000 A



Basic circuit breaker + chassis < 4000b A

1 Basic circuit breaker

	3P	Price £	4P	Price £
--	----	---------	----	---------

Type H1						
In (Aat 40°C)Icu (kAfor U = 220/440 V) - Ics = 100% Icu						
NW08	800	65	48231	2042.63	48238	2728.54
NW10	1000	65	48245	2083.56	48252	2771.75
NW12	1250	65	48259	2204.96	48266	2888.37
NW16	1600	65	48273	2515.53	48280	3552.14
NW20	2000	65	48287	3402.03	48294	4562.94
NW25	2500	65	48300	4340.79	48306	5870.32
NW32	3200	65	48312	6383.40	48317	8184.20
NW40	4000	65	48322	9345.02	48327	12058.48
NW40b	4000	100	48336	10048.90	48339	13084.99
NW50	5000	100	48342	14289.82	48345	18263.82
NW63	6300	100	48348	21301.59	48351	24329.57

Type H2

In (Aat 40°C) Icu (kAfor U = 220/440 V) - Ics = 100% Icu						
NW08	800	100	48232	2524.06	48239	3281.45
NW10	1000	100	48246	2562.95	48253	3328.97
NW12	1250	100	48260	2691.11	48267	3411.05
NW16	1600	100	48274	3052.53	48281	4205.86
NW20	2000	100	48288	4120.70	48295	5422.53
NW25	2500	100	48301	5782.49	48307	7189.24
NW32	3200	100	48313	7863.11	48318	10034.41
NW40	4000	100	48323	11271.24	48328	14888.20
NW40b	4000	150	48337	12667.29	48340	16805.63
NW50	5000	150	48343	18319.88	48346	23635.92
NW63	6300	150	48349	26136.03	48352	28910.64

Type H3

In (Aat 40°C) Icu (kAfor U = 220/440 V) - Ics = 100% Icu						
NW20	2000	150	48289	4932.98	48296	6506.76
NW25	2500	150	48302	6938.71	48308	8627.68
NW32	3200	150	48314	9435.42	48319	12041.58
NW40	4000	150	48324	13530.42	48329	17865.86

Type L1

In (Aat 40°C) Icu (kAfor U = 220/440 V) - Ics = 100% Icu						
NW08	800	150	48233	2902.77	48240	3773.89
NW10	1000	150	48247	2947.41	48254	3828.60
NW12	1250	150	48261	3095.69	48268	3994.18
NW16	1600	150	48275	3510.40	48282	4836.48
NW20	2000	150	48290	4727.08	48297	6236.06

Option

Neutral on the right

2 Micrologic control unit

"Ammeter" A

		3P/4P	Price £
Micrologic 2.0A	basic protection	48358	536.41
Micrologic 5.0 A	selective protection	48360	733.50
Micrologic 6.0 A	selective + earth-fault protection	48361	1055.96
Micrologic 7.0 A	selective + earth-leakage protection	48362	1055.96 ⁽¹⁾

"Power meter" P

		3P/4P	Price £
Micrologic 5.0 P	selective protection	48363	1738.98
Micrologic 6.0 P	selective + earth-fault protection	48364	2032.20
Micrologic 7.0 P	selective + earth-leakage protection	48365	2032.20 ⁽¹⁾

"Harmonic meter" H

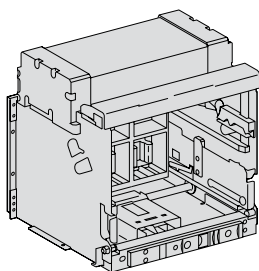
		3P/4P	Price £
Micrologic 5.0 H	selective protection	48366	2317.97
Micrologic 6.0 H	selective + earth-fault protection	48367	2593.36 ⁽¹⁾
Micrologic 7.0 H	selective + earth-leakage protection	48368	2593.36

(1) Rectangular sensor required.

NW08 to NW63

Drawout circuit breakers

Circuit breaker selection and chassis connection terminals



Chassis < 4000 A

3 Chassis

	3P	Price £	4P	Price £
For type H1/H2				
800/1600 A	48392	678.91	48404	826.48
2000 A	48393	830.91	48405	1033.11
2500 A	48394	830.91	48406	1033.11
3200 A	48395	1136.50	48407	1438.96
4000 A	48396	1205.95	48408	1546.70
4000b/6300 A	48397	2406.87	48409	3012.76
For type H3				
2000/2500 A	48394	830.91	48406	1033.11
3200 A	48395	1136.50	48407	1438.96
4000 A	48396	1205.95	48408	1546.70
For type L1				
800/1600 A	48399	884.06	48411	1099.54
2000 A	48400	1267.75	48412	1607.21
Communication option				
	Chassis		Circuit breaker	
Modbus COM	33852	141.82	48384	359.96

Auxiliaries and accessories:

- For fixed devices: see page 97-98.
- For fixed or drawout devices: see page 105-106.

Switch disconnecter version: see page 107.

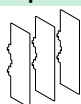
Interlocking: see page 105.

4 and 5 Chassis rear connection

		3P	Price £	4P	Price £	
Vertical connection						
	800/2000 A	Top	48133	51.82	48158	70.84
	800/1600 A type L1	Bottom	48138	51.82	48163	70.84
	2500/3200 A	Top	48134	100.35	48159	132.93
	2000 A types H3/L1	Bottom	48139	100.35	48164	132.93
	4000 A	Top	48135	186.03	48160	247.94
		Bottom	48140	186.03	48165	247.94
	4000b/5000 A	Top	48136	194.82	48161	259.75
		Bottom	48141	194.82	48166	259.75
	6300 A	Top	48137	371.93	48162	495.88
		Bottom	48142	371.93	48167	495.88
	Horizontal connection					
		800/2000 A	Top	48143	51.82	48168
800/1600 A type L1		Bottom	48148	51.82	48173	70.84
2500/3200 A		Top	48144	100.35	48169	132.93
2000 A types H3/L1		Bottom	48149	100.35	48174	132.93
4000 A		Top	48145	186.03	48170	247.94
		Bottom	48150	186.03	48175	247.94
4000b/5000 A		Top	48146	206.50	48171	259.75
		Bottom	48151	206.50	48176	259.75

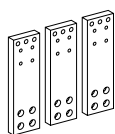
Rear connection accessories

Interphase barriers



3P/4P (3 parts)	48600	91.56
-----------------	--------------	-------

4 and 5 Chassis front connection



		3P		4P	
800/1600 A	Top	48415	292.23	48441	389.61
	Bottom	48418	292.23	48444	389.61
2000 A	Top	48413	363.06	48417	484.06
	Bottom	48414	363.06	48420	484.06
2500/3200 A	Top	48416	789.19	48442	1027.22
	Bottom	48419	789.19	48445	1027.22

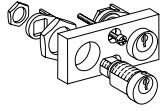
NW08 to NW63

Drawout circuit breakers

Chassis locking and accessories

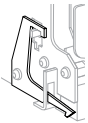
Chassis locking

"Disconnected" position locking



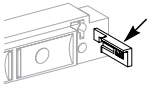
		Standard	Price £
By padlocks			
By keylocks			
Profalux	1 lock	48568	47.70
	1 lock + 1 lock with same key profile	48569	110.70
	2 locks (different key profiles)	48570	110.70
Ronis	1 lock	48572	45.77
	1 lock + 1 lock with same key profile	48573	110.70
	2 locks (different key profiles)	48574	110.70
Optional disconnected/test/connected position locking		33779	(*)
Locking kit without locks for			
	Profalux, Ronis	48564	22.15
	Castell***	48566	73.81

Door interlock (1 part)



Right-hand side of chassis	48579	Standard**
Left-hand side of chassis	48580	If required**

Racking interlock



1 part	48582	31.01
--------	--------------	-------

Racking interlock between crank and OFF pushbutton

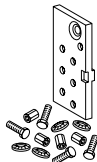
1 part	48585	78.24
--------	--------------	-------

Automatic spring discharge before breaker removal



1 part	48554	32.55
--------	--------------	-------

Breaker mismatch protection



Breaker mismatch protection VDC	33767	Standard
---------------------------------	--------------	----------

(*) No charge.

(**) Supplied as standard, mounted on right hand side. Customer must specify left hand side mounting if required.

(***) Castell references

Lock = CL1019

Key = CL1062

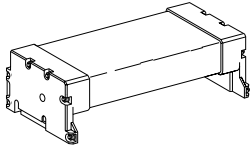
NW08 to NW63

Drawout circuit breakers

Chassis locking and accessories

Chassis accessories

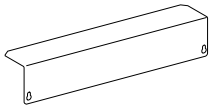
Arc chute cover



3P/4P

Standard

Auxiliary terminal shield (CB)



800/4000A

3P

48595

Standard

4P

48596

Standard

4000b/6300A

3P

48597

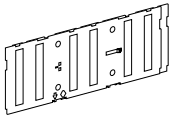
Standard

4P

48598

Standard

Safety shutters + locking block



800/4000A

3P

48587

Standard

4P

48589

Standard

4000b/6300A

3P

48588

Standard

4P

48590

Standard

Shutter locking block (for replacement)



2 parts for 800/4000A

48591

Price £

109.22

Racking handle (for replacement)

47944

48.34

Universal Masterpact lifting truck

Universal Masterpact lifting truck

98003

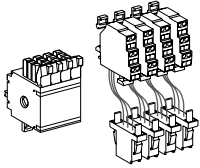
7046.91

NW08 to NW63

Drawout circuit breakers

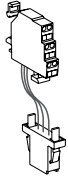
Indication contacts

ON/OFF indication contacts (OF)



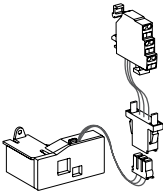
Block of 4 changeover contacts (6 A - 240 V)	1 block (standard)	Price £
1 additional block of 4 contacts (2 max.)	48468	128.39

Combined closed/connected contacts for use with 1 auxiliary contact



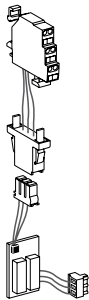
1 contact (5 A - 240 V) (8 max.)	48477	40.74
or 1 low-level contact (8 max.)	48478	48.73

“Fault trip” indication contacts (SDE)



Changeover contact (5 A - 240 V)	1 (standard)	
1 additional SDE (5 A - 240 V)	48475	35.41
or 1 additional low-level SDE	48476	42.79

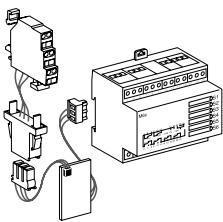
Programmable contacts (*) (programmed via Micrologic control unit)



2 contacts M2C (5 A - 240 V)	48382	78.24
or 6 contacts M6C (5 A - 240 V)	48383	212.54

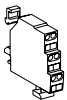
(*) for Micrologic control units P and H only.

M2C



M6C

Carriage switches (connected / disconnected / test position)



Changeover contacts (8 A - 240V)		
1 connected position contact (3 max.)	33751	35.58
1 test position contact (3 max.)	33752	35.58
1 disconnected position contact (3 max.)	33753	32.62
and/or low-level changeover contacts		
1 connected position contact (3 max.)	33754	43.00
1 test position contact (3 max.)	33755	43.00
1 disconnected position contact (3 max.)	33756	43.00
Actuator for additional carriage switches	48560	28.93

Spare auxiliary terminals for chassis**

3 wire terminal (pack of 30)	47898	144.65
6 wire terminal (pack of 10)	47899	140.22

(*) Actuator to convert to 6 or 9 off, of one type

(**) Refer to page 114

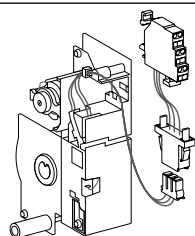
NW08 to NW63

Drawout circuit breakers

Remote operation

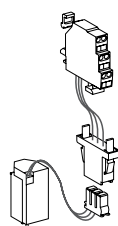
Remote ON/OFF

Gear motor



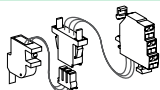
		MCH	Price £
AC 50/60 Hz	48 V	48522	590.34
	100-130 V	48526	590.34
	200-240 V	48527	590.34
	250-277 V	48528	590.34
	380-415 V	48529	590.34
	440-480 V	48530	590.34
DC	24-30 V	48521	590.34
	48-60 V	48522	590.34
	100-130 V	48523	590.34
	200-250 V	48524	590.34

Instantaneous voltage releases



		Closing release	Price £	Opening release	Price £		
Standard	AC 50/60 Hz DC	XF		MX			
		12 V DC	48480	97.40	48490	97.40	
		24-30 V DC, 24 V AC	48481	97.40	48491	97.40	
		48-60 V DC, 48 V AC	48482	97.40	48492	97.40	
		100-130 V	48483	97.40	48493	97.40	
		200-250 V	48484	97.40	48494	97.40	
		277 V AC	48485	97.40	48495	97.40	
		380-480 V AC	48486	97.40	48496	97.40	
		Communicating	AC 50/60 Hz DC	XF com		MX com	
				12 V DC	48448	118.07	48457
24-30 V DC, 24 V AC	48449			118.07	48458	118.07	
48-60 V DC, 48 V AC	48450			118.07	48459	118.07	
100-130 V	48451			118.07	48460	118.07	
200-250 V	48452			118.07	48461	118.07	
277 V AC	48453			118.07	48462	118.07	
380-480 V AC	48454			118.07	48463	118.07	

"Ready to close" contact (1 max.)



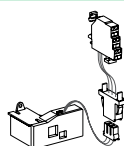
		PF	Price £
1 changeover contact (5 A - 240 V)		48469	144.65
	1 low-level changeover contact	48470	174.15

Electrical closing pushbutton



		BPFE	Price £
1 pushbutton		48534	110.70

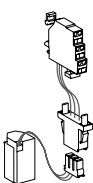
Remote reset after fault trip



		Res	Price £
Electrical reset	110-130 V AC	48472	128.39
	220-240 V AC	48473	128.39
Automatic reset		RAR	
Adaptation		47346	(*)

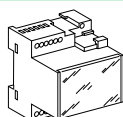
Remote tripping

Instantaneous voltage release



		2nd MX	Price £ or	MN	Price £
AC 50/60 Hz DC	12 V DC	48510	97.40		
	24-30 V DC, 24 V AC	48511	97.40	48501	162.35
	48-60 V DC, 48 V AC	48512	97.40	48502	162.35
	100-130 V	48513	97.40	48503	162.35
	200-250 V	48514	97.40	48504	162.35
	277 V AC	48515	97.40		
	380-480 V AC	48516	97.40	48506	162.35

MN delay unit



		R (non-adjustable)	Price £	Rr (adjustable)	Price £
AC 50/60 Hz DC	48-60 V			33680	238.75
	100-130 V	33684	192.78	33681	238.75
	200-250 V	33685	192.78	33682	238.75
	380-480 V			33683	238.75

(*) No charge

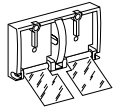
Accessories for NW08 to NW63

Fixed and drawout

Circuit breaker selection

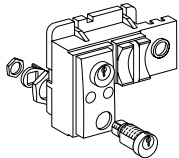
Circuit breaker locking

Pushbutton locking device



		Price £
By padlocks	48536	38.39

OFF position locking



By padlocks		48539	16.25
By padlocks and keylocks			
Profalux	1 lock	48545	61.99
	1 lock + 1 lock with same key profile	48546	126.93
	2 locks (different key profiles)	48547	126.93
Ronis	1 lock	48549	61.99
	1 lock + 1 lock with same key profile	48550	126.93
	2 locks (different key profiles)	48551	126.93
Locking kit without locks for			
	Profalux, Ronis	48541	31.01
	Castell	48543	67.89

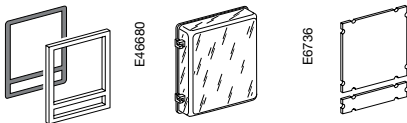
Other circuit breaker accessories

Mechanical operation counter



Operation counter CDM	48535	87.08
-----------------------	--------------	-------

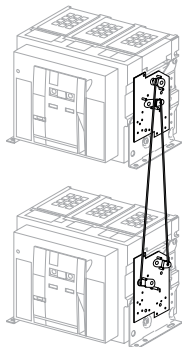
Escutcheon and accessories



	Fixed	Price £	Drawout	Price £
Escutcheon (spare only)	48601	81.20	48603	81.20
Transparent cover IP 54			48604	230.25
Escutcheon blanking plate	48605	73.81	48605	73.81

Mechanical interlocking for source changeover

Interlocking of 2 devices using connecting rods



		Price £
Complete assembly with 2 adaptation fixtures + rods		
2 Masterpact NW fixed devices	48612	641.99
2 Masterpact NW drawout devices	48612	641.99
Can be used with 1 NW fixed + 1 NW drawout.		

Interlocking of 2 devices using cables*

1 adaptation fixture for Masterpact NW fixed devices	47926	413.25
1 adaptation fixture for Masterpact NW drawout devices	47926	413.25
1 set of 2 cables	33209	119.06

Interlocking of 3 devices using cables**

3 sources, only 1 device closed, fixed or drawout devices	48610	975.44
2 sources + 1 coupling, fixed or drawout devices	48609	975.44
2 normal + 1 replacement source, fixed or drawout devices	48608	975.44

Cable-type door interlock

1 complete assembly for Masterpact NW fixed or drawout device	48614	516.56
---	--------------	--------

* Requires 2 off adaption fixtures + 1 off cable set.

** Complete set.

Accessories for NW08 to NW63

Fixed and drawout

Circuit breaker selection

Accessories for Micrologic control units

External sensors

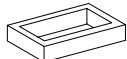
External sensor for earth-fault protection (TCE)

Price £



Sensor rating			
400/2000 A	34035	446.24	
1000/4000 A	34036	503.80	
4000/6300 A (for NW40b, NW50, NW63)	48182	938.78	

Rectangular sensor for earth-leakage protection



500 mm x 150 mm	33574*	1093.91	
-----------------	---------------	---------	--

Source ground return (SGR) earth fault protection



External sensor (SGR)	33579	474.78	
MDGF summing module (Compulsary with SGR)	48891	604.74	

Voltage measurement input (for breakers supplied via top terminals)



Voltage measurement input			
Fixed	47506	22.56	
Drawout	48533	22.56	

Long-time rating plug (limits setting range for higher accuracy)



Standard		33542	36.16
Low-setting option	0.4 at 1 x Ir	33543	36.16
High-setting option	0.4 at 0.8 x Ir	33544	36.16
Without long-time protection	0.8 at 1 x Ir	33545	36.16

Zone Selective Interlocking option for Micrologic P and H off

ZSI	Standard		
-----	-----------------	--	--

External power supply module



24-30 V DC	54440	332.03	
48-60 V DC	54441	332.03	
125 V DC	54442	332.03	
110 V AC	54443	332.03	
220 V AC	54444	332.03	
380 V AC	54445	332.03	

Battery module

1 24 V battery	54446	326.10	
----------------	--------------	--------	--

Test equipment

Mini test kit



	33594	688.73	
--	--------------	--------	--

Portable test kit



Portable test kit	33595	4869.63	
Replacement test lead for Micrologic trip units	33590	166.77	

Special settings

For circuit breaker derating

Catalogue number to be added to those describing the circuit breaker

Rating	NW08	NW10	NW12	NW16	NW20	NW25	NW32
400	47053	47053					
630	33091	33091	33091				
800		33092	33092	33092			
1000			33093	33093	33093		
1250				33094	33094	33094	
1600					33095	33095	33095
2000						33982	33982
2500							33983
Rating	NW40	NW40b	NW50	NW63			
2000	33982	47821					
2500	33983	47822	47822				
3200	33984	47823	47823	47823			
4000			47824	47824			
5000				47825			

Note: for ratings In = 100 or 250 A, please consult Merlin Gerin.

* Required Micrologic 7.0 trip units

NW08 to NW63

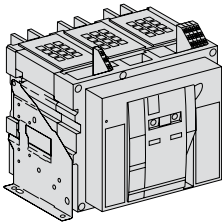
Fixed switch disconnectors

Switch disconnector selection

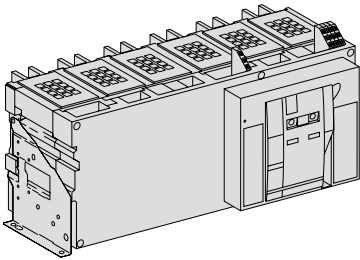
The specification of a fixed Masterpact switch disconnector requires 3 catalogue numbers corresponding to:

- > The basic switch disconnector.
- > A top connection.
- > A bottom connection.

A communication option and various auxiliaries and accessories may also be added.



Basic switch disconnector < 4000 A



Basic switch disconnector < 4000b A

1 Basic switch disconnector

Type HA			3P	Price £	4P	Price £
	In (A at 40°C)	Icm (kA peak for U = 220/690 V)				
NW08	800	105	48005	2158.36	48012	2813.50
NW10	1000	105	48019	2213.07	48026	2886.94
NW12	1250	105	48033	2312.42	48040	3012.90
NW16	1600	105	48047	2411.26	48054	3179.23
NW20	2000	105	48061	3449.91	48068	4269.20
NW25	2500	135	48074	4005.72	48080	5349.10
NW32	3200	135	48085	5427.09	48090	7020.79
NW40	4000	135	48095	8056.04	48100	10034.41
NW40b	4000	187	48108	9439.59	48111	11759.66
NW50	5000	187	48114	15369.62	48117	16671.32
NW63	6300	187	48120	19398.70	48123	22132.02
Type HF			3P	Price £	4P	Price £
	In (A at 40°C)	Icm (kA peak for U = 220/690 V)				
NW08	800	187	48006	2444.88	48013	3100.03
NW10	1000	187	48020	2499.62	48027	3174.88
NW12	1250	187	48034	2598.95	48041	3304.74
NW16	1600	187	48048	2701.19	48055	3459.96
NW20	2000	187	48062	3476.60	48069	4548.51
NW25	2500	187	48075	4286.46	48081	5629.87
NW32	3200	187	48086	5997.02	48091	7671.61
NW40	4000	187	48096	8302.24	48101	10280.62
Communication option						
	Modbus COM		48188	359.96		

Auxiliaries and accessories:

- > For fixed devices: see page 97-98.
- > For fixed or drawout devices: see page 105-106.

Switch disconnector version: see page 107.

Interlocking: see page 105.

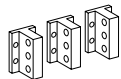
NW08 to NW63

Fixed switch disconnectors

Chassis connection terminals and accessories

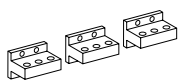
2 and 3 Rear connection

Vertical connection



		3P	Price £	4P	Price £
800/2000 A	Top	48133	51.82	48158	70.84
	Bottom	48138	51.82	48163	70.84
2500/3200 A	Top	48134	100.35	48159	132.93
	Bottom	48139	100.35	48164	132.93
4000 A	Top	48135	186.03	48160	247.94
	Bottom	48140	186.03	48165	247.94
4000b/5000 A	Top	48136	194.82	48161	259.75
	Bottom	48141	194.82	48166	259.75
6300 A	Top	48137	371.93	48162	495.88
	Bottom	48142	371.93	48167	495.88

Horizontal connection



		3P	Price £	4P	Price £
800/2000 A	Top	48143	51.82	48168	70.84
	Bottom	48148	51.82	48173	70.84
2500/3200 A	Top	48144	100.35	48169	132.93
	Bottom	48149	100.35	48174	132.93
4000 A	Top	48145	186.03	48170	247.94
	Bottom	48150	186.03	48175	247.94
4000b/5000 A	Top	48146	186.03	48171	259.75
	Bottom	48151	186.03	48176	259.75

Rear connection accessories

Interphase barriers



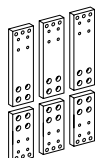
3P/4P (3 parts)	48599	91.51
-----------------	--------------	-------

Brackets for mounting on a backplate



2 parts	47829	110.70
---------	--------------	--------

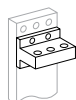
2 and 3 Front connection



		3P	Price £	4P	Price £
800/1600 A	Top	48128	292.29	48153	389.61
	Bottom	48130	292.29	48155	389.61
2000 A	Top	48124	363.13	48126	484.06
	Bottom	48125	363.13	48127	484.06
2500/3200 A	Top	48129	770.45	48154	1027.22
	Bottom	48131	770.45	48156	1027.22

Front connection accessories

Disconnectable front connection



		3P	Price £	4P	Price £
1600 A	48421	140.22	48424	187.44	
2000/3200 A	48422	191.88	48425	255.33	

NW08 to NW63

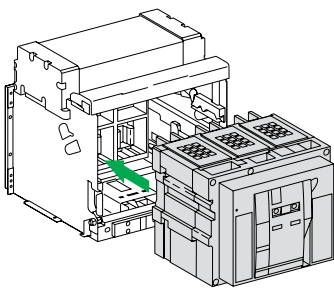
Drawout switch disconnectors

Switch disconnector selection

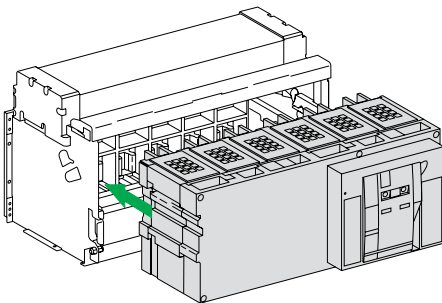
The specification of a drawout Masterpact switch disconnector requires 4 catalogue numbers, corresponding to:

- The basic switch disconnector.
- A chassis.
- A top connection.
- A bottom connection.

A communication option and various auxiliaries and accessories may also be added.



Basic switch disconnector+ chassis ≤ 4000 A



Basic switch disconnector+ chassis < 4000b A

Auxiliaries and accessories:

- For fixed devices: see page 97-98.
 - For fixed or drawout devices: see page 105-106.
- Switch disconnector version: see page 107.
Interlocking: see page 105.

1 Basic switch disconnector

Type HA			3P	Price £	4P	Price £
In (A at 40°C) Icm (kA peak for U = 220/690 V)						
NW08	800	105	48235	2328.25	48242	2974.76
NW10	1000	105	48249	2371.45	48256	3017.96
NW12	1250	105	48263	2493.84	48270	3134.60
NW16	1600	105	48277	2825.02	48284	3809.89
NW20	2000	105	48291	3729.25	48298	4822.12
NW25	2500	135	48304	4695.39	48310	6128.05
NW32	3200	135	48315	6781.77	48320	8518.23
NW40	4000	135	48325	9851.52	48330	12450.51
NW40b	4000	187	48338	10515.52	48341	13350.63
NW50	5000	187	48344	14853.08	48347	18541.24
NW63	6300	187	48350	22059.68	48353	24580.47

Type HF			3P	Price £	4P	Price £
In (A at 40°C) Icm (kA peak for U = 220/690 V)						
NW08	800	187	48236	2616.24	48243	3261.26
NW10	1000	187	48250	2658.00	48257	3305.92
NW12	1250	187	48264	2781.83	48271	3421.12
NW16	1600	187	48278	3105.79	48285	4090.65
NW20	2000	187	48292	4008.59	48299	5102.88
NW25	2500	187	48305	4821.50	48311	6408.84
NW32	3200	187	48316	7472.88	48321	9248.24
NW40	4000	187	48326	10097.78	48331	12696.72

2 Chassis

Type HA/HF		3P	Price £	4P	Price £
800/1600 A		48392	678.91	48404	826.48
2000 A		48393	830.91	48405	1033.11
2500 A		48394	830.91	48406	1033.11
3200 A		48395	1136.50	48407	1438.96
4000 A		48396	1205.95	48408	1546.70
4000b/6300 A		48397	2406.87	48409	3012.76

Communication option

	Chassis	+	Switch-disconnector
Modbus COM	33852	141.82	48384 359.96

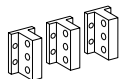
NW08 to NW63

Drawout switch disconnectors

Drawout connection terminals

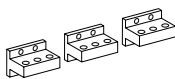
3 and 4 Chassis rear connection

Vertical connection



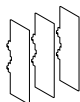
		3P	Price £	4P	Price £
800/2000 A	Top	48133	51.82	48158	70.84
800/1600 A type L1	Bottom	48138	51.82	48163	70.84
2500/3200 A	Top	48134	100.35	48159	132.93
2000 A types H3/L1	Bottom	48139	100.35	48164	132.93
4000 A	Top	48135	186.03	48160	247.94
	Bottom	48140	186.03	48165	247.94
4000b/5000 A	Top	48136	194.82	48161	259.75
	Bottom	48141	194.82	48166	259.75
6300 A	Top	48137	371.93	48162	495.88
	Bottom	48142	371.93	48167	495.88

Horizontal connection



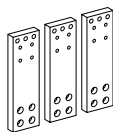
		3P	Price £	4P	Price £
800/2000 A	Top	48143	50.07	48168	68.44
800/1600 A type L1	Bottom	48148	50.07	48173	68.44
2500/3200 A	Top	48144	96.96	48169	128.43
2000 A types H3/L1	Bottom	48149	96.96	48174	128.43
4000 A	Top	48145	179.74	48170	239.56
	Bottom	48150	179.74	48175	239.56
4000b/5000 A	Top	48146	188.23	48171	250.97
	Bottom	48151	188.23	48176	250.97

Rear connection accessories



Interphase barriers					
3P/4P (3 parts)		48600	91.56		

3 and 4 Chassis front connection



		3P	Price £	4P	Price £
800/1600 A	Top	48415	292.23	48441	389.61
	Bottom	48418	292.23	48444	389.61
2000 A	Top	48413	363.06	48417	484.06
	Bottom	48414	363.06	48420	484.06
2500/3200 A	Top	48416	789.19	48442	1027.22
	Bottom	48419	789.19	48445	1027.22

NW08 to NW63

Metering devices & accessories for communication bus



RS485 Modbus pre-wired system

RS485 Modbus junction block		Price £
	CJB306: 6 SubD 9 pins connectors junction block	50963 85.98

RS485 Modbus connector

	CSD309: 9 pins SubD with screw terminals	50964 36.34
---	--	--------------------

RS485 Modbus cables

	CCP303: Masterpact or Compact pre-wired cable (4 RS485 wires + 2 power wires) 3 m length	50961 32.60
	CCR301: RS485 roll cable (2 RS485 wires + 2 power wires) 60 m length	50965 334.65

Masterpact NW Earthing Switches

Earthing Switch Type ES				Price £
	NW08 - NW40	4000A (In @40°C)135kA (lcm peak for U=220/690V)	3P	48430 4164.12
			4P	48431 5554.23
Earthing Kit for chassis				Price £
	Types for H1/NA/HA		3P	48433 277.69
			4P	48434 296.27

A Masterpact Earthing switch is described by 2 catalogue numbers corresponding to: an earthing kit, to be mounted onto a standard Masterpact NW08 - NW 40 chassis and an earthing switch to be racked in a chassis fitted with the earthing kit.

NW08 to NW63

Auxiliary wiring connectors for cassette only supply

The wiring looms for all accessories are associated with the moving portion, therefore cassette only supply will be made without secondary wiring connectors. To facilitate secondary wiring connection in advance of the moving portion delivery, the customer is advised to carry a buffer stock of auxiliary connectors for the following:

	3-Wire connector	6-wire connector	Strap
Masterpact NW			
OF, SDE, PF Contacts	1 per contact		
MX, XF, MN release	1 per release		
MCH	1 per motor		
RES - electrical reset	1 per unit		

Micrologic Options			
Micrologic A, P	1 per unit	2 per unit	3 per unit
Comm Module		1 per unit	
M2C and M6C	1 per unit		

This stock will be replenished on receipt of the moving portion.

Please note: Due to the constant progress in standards and equipment, the characteristics shown in the texts and images in this document are only binding once expressly confirmed by ourselves.

Masterpact NW

Circuit breakers and switch disconnectors

Order form

To indicate your choices, check the applicable square boxes and enter the appropriate information in the rectangles

Basic device		Quantity
Masterpact type	NW	<input style="width: 50px;" type="text"/>
Rated current	A	<input style="width: 50px;" type="text"/>
Sensor rating	A	<input style="width: 50px;" type="text"/>
Circuit breaker	H1 H2 H3L1	<input style="width: 50px;" type="text"/>
Switch disconnector	HA, HF	<input style="width: 50px;" type="text"/>
Number of poles	3 or 4	<input style="width: 50px;" type="text"/>

Option: Neutral on right hand side - Contact us

Type of device	Fixed	<input type="checkbox"/>
	Draw out with chassis	<input type="checkbox"/>
	Draw out without chassis	<input type="checkbox"/>
Chassis alone		<input type="checkbox"/>

Micrologic control unit

A - ammeter

	2.0 <input type="checkbox"/>	5.0 <input type="checkbox"/>	6.0 <input type="checkbox"/>	7.0 <input type="checkbox"/>
--	------------------------------	------------------------------	------------------------------	------------------------------

P - power meter

	5.0 <input type="checkbox"/>	6.0 <input type="checkbox"/>	7.0 <input type="checkbox"/>
--	------------------------------	------------------------------	------------------------------

H - harmonic meter

	5.0 <input type="checkbox"/>	6.0 <input type="checkbox"/>	7.0 <input type="checkbox"/>
--	------------------------------	------------------------------	------------------------------

TCE - external sensor (CT) for neutral + earth fault protection

TCE - external sensor (CT) for double + neutral protection (Micrologic P and H with 3-poles)

Rectangular sensor	270 X 100mm	<input type="checkbox"/>
for earth-leakage protection	500x150mm	<input type="checkbox"/>

TCW - external sensor for SGR protection

LT - long time rating plug (standard setting 0.4 to 1 x Ir)

Low setting option 0.4 to 0.8 Ir	<input type="checkbox"/>
High setting option 0.8 to 1 Ir	<input type="checkbox"/>
OFF option (no LT protection)	<input type="checkbox"/>

PTE - external voltage measurement input

AD - external power-supply module

BAT - battery module

Communication

eco COM	Modbus	<input type="checkbox"/>
	Modbus	<input type="checkbox"/>

Connection

Horizontal	Top <input type="checkbox"/>	Bottom <input type="checkbox"/>
Vertical	Top <input type="checkbox"/>	Bottom <input type="checkbox"/>
Front	Top <input type="checkbox"/>	Bottom <input type="checkbox"/>

Disconnectable front-connection adapter NW - fixed

VO - safety shutters on chassis NW

VIVC - shutter position indication and locking NW

Key for Micrologic control units

- 2.0:** Basic protection (long time + inst.)
- 5.0:** Selective protection (long time + short time + inst.)
- 6.0:** Selective + earth fault protection (long time + short time + inst. + earth fault)
- 7.0:** Selective + earth leakage protection (long time + short time + inst. + earth leakage)

Locking

VBP - ON/OFF pushbutton locking

Off position locking

VCPO - by padlocks

VSPO - by keylocks Locking kit without keylocks Profalux Ronis

1 lock	<input type="checkbox"/>	1 lock + 1 lock with same key profile	<input type="checkbox"/>
2 locks (different key profiles) for NW			<input type="checkbox"/>

VSPD - chassis locking in disconnected position

Locking kit without keylocks Profalux Ronis

1 lock	<input type="checkbox"/>	1 lock + 1 lock with same key profile	<input type="checkbox"/>
2 locks (different key profiles)			<input type="checkbox"/>
optional connected/discovered/test position locking			<input type="checkbox"/>

optional connected/discovered/test position locking

VPEC - door interlock

latch on right hand side of chassis

latch on left hand side of chassis

VPOC - racking interlock

IPA - cable type door interlock

IBPO - racking interlock between crank and OFF pushbutton for NW

DAE - automatic spring discharge before breaker removal for NW

VDC - mismatch protection

Indication contacts

ON/OFF indication contacts

standard 4 of 6A - 240V AC (10A - 240V AC and low -level for NW)

additional 1 block of 4OF for NW max.2 qty

EF - combined "connected/closed" contacts

1 EF 6A - 240V AC for NW max. 8 qty

1 EF low-level for NW max. 8 qty

SDE - "fault trip" indication contacts

standard 1 SDE 6A - 240V AC

additional 1 SDE 6A - 240V AC SDE low level

Programmable contacts 2 M2C contacts 6 M6C contacts

Carriage switches low level 6A - 240V AC

CE - "connected" position max. 3 for NW qty

CD - "disconnected" position max. 3 for NW qty

CT - "test" position max. 3 for NW qty

AC - actuator for additional carriage switches qty

Remote operation

Remote ON/OFF **MCH - gear motor** V

XF - closing voltage release V

MX - opening voltage release V

PF - ready to close contact low level

6A - 240V AC

BPFE - electrical closing pushbutton

Res - electrical reset option

RAR - automatic reset option

Remote tripping

MN - undervoltage release V

R - delay unit (non-adjustable)

Rr - adjustable delay unit

2nd MX - shunt release V

Accessories

CDM - mechanical operation counter

CB - auxiliary terminal shield for chassis

CDP - escutcheon

CP - transparent cover

OP - blanking plate

Brackets for mounting on backplates

Please photocopy and complete this form. Fax it to 0870 608 8 606

Metering devices & accessories for communication bus

PowerLogic Power Metering Devices

PM700



PM700 power meter with THD,MIN/MAX	PM700MG	193.75
PM700 power meter with THD,MIN/MAX plus 2 pulse outputs	PM700PMG	227.84
PM710 power meter with THD,MIN/MAX plus modbus comms	PM710MG	286.38
PM750 power meter with THD,MIN/MAX, I/O plus modbus comms, plus alarms	PM750MG	344.99

PM800



PM810 power meter - 96mm panel mount	PM810MG	383.63
PM820 power meter - 96mm panel mount, event log, harmonics.	PM820MG	574.74
PM850 power meter - 96mm panel mount, event log, harmonics,wave capture.	PM850MG	1032.88
PM870 power meter - 96 panel mounted, event log harmonics, advanced waveform capture	PM870MG	1602.78
I/O option module for PM800 series with 2 digital inputs, 2 digital outputs	PM8M22	66.10
I/O option module for PM800 series with 6 digital inputs, 2 digital outputs	PM8M26	151.46
I/O option module for PM800 series with 2 relay outputs,2 digital inputs, 2 analogue outputs,2 analogue inputs	PM8M2222	208.96
Ethernet communication module 1 RS485 port, UTP ethernet port	PM8ECC	486.49

PM9



PM9 Digital multi function meter	15199	184.44
PM9P Digital multi function meter with pulsed output	15197	219.02
PM9C Digital multi function meter with modbus comms	15198	276.67

Ethernet Gateway



Ethernet gateway server RS485 port, UTP ethernet port 256Mb memory for web pages	EGX300	2131.50
Ethernet gateway, 1 RS485 port, UTP ethernet ports	EGX100	487.96

Power factor correction

Part number	Description	Price £
Components		
51069	Standard 25+25 kVAr 415V capacitor module	445.77
51070	Standard 25+25 kVAr 415V with Busbar capacitor module	613.17
51071	Standard 25+50 kVAr 415V capacitor module	553.73
51072	Standard 25+50kVAr 415V with Busbar capacitor module	722.20
51073	Standard 50+50kVAr 415V capacitor module	640.61
51074	Standard 50+50 kVAr 415V with Busbar capacitor module	805.93
51075	Standard 25kVAr 415V capacitor module	267.96
51076	Standard 25kVAr 415V with Busbar capacitor module	433.65
51077	Standard 50kVAr 415V capacitor module	362.81
51078	Standard 50kVAr 415V with Busbar capacitor module	525.45
51657	Detuned 25 kVAr 415V with Busbar capacitor module	1003.68
51658	Detuned 50 kVAr 415V with Busbar capacitor module	1129.77
51929	Detuned 25kVAr 415V capacitor module	860.88
51930	Detuned 50KVAR 415V capacitor module	1026.02
PFCPFS25	PFC 50A Fuse Base Assembly	49.93
PFCPFS50	PFC 100A Fuse Base Assembly	52.27
PFCPFS75	PFC 160A Fuse Base Assembly	54.79
51626	Circuit breaker protection 63A kit	280.65
51627	Circuit breaker protection 100A kit	258.23
51628	Circuit breaker protection 160A kit	282.69
51629	Circuit breaker protection 250A kit	314.78
51635	Extension pieces prisma cubicle 650mmW	16.89
51637	Extension pieces universal cubicle 700mmW	16.89
51639	Extension pieces universal cubicle 800mmW	16.89
51670	Capacitor module Set of 2 Crosspieces	35.23
52448	Varlogic NR6 PFC Controller	280.89
52449	Varlogic NR12 PFC Controller	467.16
52450	Varlogic NRC12 PFC Controller	472.14

Complete Banks

65502	Varset St Standard Automatic MCCB 45 kVAr 400V PFC Bank	1359.57
65503	Varset Standard Automatic Direct 45 kVAr 400V PFC Bank	1361.16
65504	Varset St Standard Automatic MCCB 60 kVAr 400V PFC Bank	1817.25
65505	Varset Standard Automatic Direct 60 kVAr 400V PFC Bank	1819.37
65506	Varset St Standard Automatic MCCB 75 kVAr 400V PFC Bank	2051.04
65507	Varset Standard Automatic Direct 75 kVAr 400V PFC Bank	2053.46
65511	Varset Standard Automatic Direct 105 kVAr 400V PFC Bank	2754.48
65512	Varset St Standard Automatic MCCB 120 kVAr 400V PFC Bank	2736.26
65513	Varset Standard Automatic Direct 120 kVAr 400V PFC Bank	2822.66
65514	Varset St Standard Automatic MCCB 150 kVAr 400V PFC Bank	3415.70
65515	Varset Standard Automatic Direct 150 kVAr 400V PFC Bank	3419.68
65518	Varset St Standard Automatic MCCB 210 kVAr 400V PFC Bank	4819.95
65519	Varset Standard Automatic Direct 210 kVAr 400V PFC Bank	4169.33
65520	Varset St Standard Automatic MCCB 240 kVAr 400V PFC Bank	5412.33
65521	Varset Standard Automatic Direct 240 kVAr 400V PFC Bank	4681.73
65524	Varset St Standard Automatic MCCB 315 kVAr 400V PFC Bank	7390.37
65525	Varset Standard Automatic Direct 315 kVAr 400V PFC Bank	6392.74
65526	Varset St Standard Automatic MCCB 360 kVAr 400V PFC Bank	8379.03
65527	Varset Standard Automatic Direct 360 kVAr 400V PFC Bank	7247.95
65528	Varset St Standard Automatic MCCB 405 kVAr 400V PFC Bank	8986.99
65529	Varset Standard Automatic Direct 405 kVAr 400V PFC Bank	7773.84
65530	Varset St Standard Automatic MCCB 450 kVAr 400V PFC Bank	9691.75
65531	Varset Standard Automatic Direct 450 kVAr 400V PFC Bank	8383.49
65532	Varset St Standard Automatic MCCB 495 kVAr 400V PFC Bank	10843.77

Power factor correction

Part number	Description	Price £
65533	Varset Standard Automatic Direct 495 kVAr 400V PFC Bank	9380.00
65534	Varset St Standard Automatic MCCB 540 kVAr 400V PFC Bank	11443.47
65535	Varset Standard Automatic Direct 540 kVAr 400V PFC Bank	9898.71
65536	Varset St Standard Automatic MCCB 585 kVAr 400V PFC Bank	12291.08
65537	Varset Standard Automatic Direct 585 kVAr 400V PFC Bank	10631.93
65538	Varset St Standard Automatic MCCB 630 kVAr 400V PFC Bank	13221.34
65539	Varset Standard Automatic Direct 630 kVAr 400V PFC Bank	11436.63
65702	Varset Detuned Automatic MCCB 25 kVAr 400V PFC Bank	2651.16
65703	Varset Detuned Automatic Direct 25 kVAr 400V PFC Bank	2706.81
65706	Varset Detuned Automatic MCCB 50 kVAr 400V PFC Bank	3217.75
65707	Varset Detuned Automatic Direct 50 kVAr 400V PFC Bank	3392.19
65710	Varset Detuned Automatic MCCB 75 kVAr 400V PFC Bank	3621.26
65711	Varset Detuned Automatic Direct 75 kVAr 400V PFC Bank	3625.50
65714	Varset Detuned Automatic MCCB 100 kVAr 400V PFC Bank	4016.82
65715	Varset Detuned Automatic Direct 100 kVAr 400V PFC Bank	4021.52
65718	Varset Detuned Automatic MCCB 125 kVAr 400V PFC Bank	5226.36
65719	Varset Detuned Automatic Direct 125 kVAr 400V PFC Bank	5232.46
65722	Varset Detuned Automatic MCCB 150 kVAr 400V PFC Bank	7234.60
65723	Varset Detuned Automatic Direct 150 kVAr 400V PFC Bank	6991.25
65724	Varset Detuned Automatic MCCB 150 kVAr 400V PFC Bank	5146.60
65725	Varset Detuned Automatic Direct 150 kVAr 400V PFC Bank	5152.64
65728	Varset Detuned Automatic MCCB 200 kVAr 400V PFC Bank	6997.21
65729	Varset Detuned Automatic Direct 200 kVAr 400V PFC Bank	6734.59
65732	Varset Detuned Automatic MCCB 250 kVAr 400V PFC Bank	8725.16
65733	Varset Detuned Automatic Direct 250 kVAr 400V PFC Bank	8735.38
65736	Varset Detuned Automatic MCCB 300 kVAr 400V PFC Bank	9425.88
65737	Varset Detuned Automatic Direct 300 kVAr 400V PFC Bank	9436.91
65738	Varset Detuned Automatic MCCB 350 kVAr 400V PFC Bank	10768.71
65739	Varset Detuned Automatic Direct 350 kVAr 400V PFC Bank	11068.50
65742	Varset Detuned Automatic MCCB 400 kVAr 400V PFC Bank	11871.34
65743	Varset Detuned Automatic Direct 400 kVAr 400V PFC Bank	12910.57
65744	Varset Detuned Automatic MCCB 450 kVAr 400V PFC Bank	14067.78
65745	Varset Detuned Automatic Direct 450 kVAr 400V PFC Bank	14084.24
65746	Varset Detuned Automatic MCCB 500 kVAr 400V PFC Bank	15331.14
65747	Varset Detuned Automatic Direct 500 kVAr 400V PFC Bank	15349.07
65748	Varset Detuned Automatic MCCB 550 kVAr 400V PFC Bank	16890.84
65749	Varset Detuned Automatic Direct 550 kVAr 400V PFC Bank	16910.61
65750	Varset Detuned Automatic MCCB 600 kVAr 400V PFC Bank	17189.27
65751	Varset Detuned Automatic Direct 600 kVAr 400V PFC Bank	17209.36
65772	Varset St Standard Fixed Direct 25 kVAr 400V PFC Bank	415.11
65773	Varset St Standard Fixed MCCB 25 kVAr 400V PFC Bank	498.14
65778	Varset St Standard Fixed Direct 50 kVAr 400V PFC Bank	594.89
65779	Varset St Standard Fixed MCCB 50 kVAr 400V PFC Bank	642.48
65870	Varset Detuned Fixed Direct 25 kVAr 400V PFC Bank	1885.19
65871	Varset Detuned Fixed MCCB 25 kVAr 400V PFC Bank	2262.23
65874	Varset Detuned Fixed Direct 50 kVAr 400V PFC Bank	2162.85
65875	Varset Detuned Fixed MCCB 50 kVAr 400V PFC Bank	2335.88
65930	Varset Fast 415V 150 kVAr PFC Bank	7670.79
65932	Varset Fast 415V 200 kVAr PFC Bank	9219.25
65933	Varset Fast 415V 250 kVAr PFC Bank	10252.03
65934	Varset Fast 415V 300 kVAr PFC Bank	11783.90
65935	Varset Fast 415V 350 kVAr PFC Bank	14701.21
65936	Varset Fast 415V 400 kVAr PFC Bank	16233.12
65937	Varset Fast 415V 450 kVAr PFC Bank	17270.80
65938	Varset Fast 415V 500 kVAr PFC Bank	18802.65
65939	Varset Fast 415V 550 kVAr PFC Bank	19817.92
65940	Varset Fast 415V 600 kVAr PFC Bank	21716.71

Notes

Schneider Electric UK & Ireland conditions of sale

Product and Services are supplied strictly in accordance with our UK and Ireland Conditions of Sale for the Supply of Goods and Related Works, which apply in all instances unless an alteration or deviation(s) has been agreed in writing prior to order acceptance.

To download a copy of our terms and conditions visit www.schneider-electric.co.uk or alternatively call 0870 608 8 608.



Nationwide support on one number -

0870 608 8 608

Fax 0870 608 8 606

Schneider Electric, the global specialist in energy management, offers integrated solutions making energy safer, more reliable, efficient and productive in the energy and infrastructure, industry, data centres and networks, buildings and residential markets.

With sales of €15.8 billion in 2009, the company's 100,000+ employees in over 100 countries help individuals and organisations make the most of their energy.

We are changing our brand names and becoming one Schneider Electric. You'll get the same great quality products, but from one name you can remember and trust. This provides you and your customers with the reassurance associated with Schneider Electric.

Some of our market leading brands have already become Schneider Electric including **Merlin Gerin, Telemecanique, Square D, GET, Mita, Sarel, Himel, Thorsman, Tower and TAC.**

Working as one Schneider Electric makes it clearer that our ranges are highly compatible for integrated solutions.


Schneider Electric Ltd

United Kingdom
Stafford Park 5,
Telford
Shropshire
TF3 3BL
Tel: 0870 608 8 608
Fax: 0870 608 8 606
www.schneider-electric.co.uk

Ireland
Head office, Block a
Maynooth Business
Campus
Maynooth, Co. Kildare
Tel: (01) 601 2200
Fax: (01) 601 2201
www.schneider-electric.ie

As standards, specifications and designs change from time to time, please ask for confirmation of the information given in this publication

member of
voltimum
.co.uk

Schneider
 **Electric**