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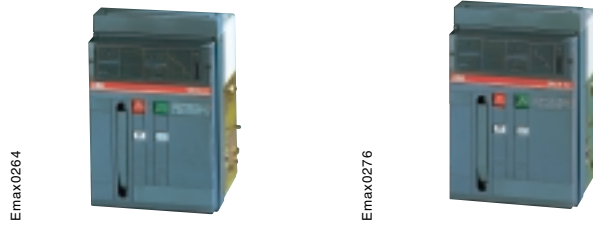
Technical and electrical overview

SACE Emax air circuit-breakers

Specifications common to the entire range

Voltages

| | | | |
|---------------------------------|------|----------------------|------|
| Rated service voltage | Ue | 690 ~ / 250 – | [V] |
| Rated insulation voltage | Ui | 1000 | [V] |
| Rated impulse withstand voltage | Uimp | 12 | [kV] |
| Service temperature | | -5 ... +70 | [°C] |
| Storage temperature | | -40 ... +70 | [°C] |
| Frequency | f | 50-60 | [Hz] |
| Number of poles | | 3-4 | |
| Versions | | Fixed - Withdrawable | |



E1

E2

Performance level

Currents

| | | | | B | B | N | L |
|---|-----------|------------------------|-------|-------------|-------------|-------------|-------------|
| Rated uninterrupted current Iu (at 40 °C) | | | [A] | 800 | 1600 | 1250 | 1250 |
| | | | [A] | 1250 | 2000 | 1600 | 1600 |
| | | | [A] | | | 2000 | |
| | | | [A] | | | | |
| | | | [A] | | | | |
| Capacity of neutral pole on four-pole circuit-breakers | | | [%Iu] | 100 | 100 | 100 | 100 |
| Rated ultimate short-circuit breaking capacity | Icu | 220/230/380/400/415 V~ | [kA] | 40 | 40 | 65 | 130 |
| | | 440 V ~ | [kA] | 40 | 40 | 65 | 110 |
| | | 500/660/690 V ~ | [kA] | 36 | 40 | 55 | 85 |
| | | 250 V — | [kA] | 36 | 40 | 55 | – |
| Rated service short-circuit breaking capacity | Ics | 220/230/380/400/415 V~ | [kA] | 40 | 40 | 65 | 130 |
| | | 440 V ~ | [kA] | 40 | 40 | 65 | 110 |
| | | 500/660/690 V ~ | [kA] | 36 | 40 | 55 | 65 |
| | | 250 V — | [kA] | 36 | 40 | 55 | – |
| Rated short-time (1s) withstand current | Icw (1 s) | | [kA] | 36 | 40 | 55 | 10 |
| | Icw (3 s) | | [kA] | – | 40 | 40 | – |
| Rated short-circuit making capacity (peak value) | Icm | 220/230/380/400/415 V~ | [kA] | 84 | 84 | 143 | 286 |
| | | 440 V ~ | [kA] | 84 | 84 | 143 | 242 |
| | | 500/660/690 V ~ | [kA] | 75,6 | 84 | 121 | 187 |
| Utilisation category (in accordance with CEI EN 60947-2) | | | | B | B | B | A |
| Isolation behaviour (in accordance with CEI EN 60947-2) | | | | • | • | • | • |
| Overcurrent protection | | | | | | | |
| Microprocessor-based releases for a.c. applications | | | | • | • | • | • |
| Operating times | | | | | | | |
| Closing time (max) | | | [ms] | 80 | 80 | 80 | 80 |
| Break time for I < I _{cw} (max) ⁽¹⁾ | | | [ms] | 70 | 70 | 70 | 70 |
| Break time for I > I _{cw} (max) | | | [ms] | 30 | 30 | 30 | 12 |
| Overall dimensions | | | | | | | |
| Fixed: H = 418 mm - D = 302 mm | | L (3/4 poles) | [mm] | 296/386 | | 296/386 | |
| Withdrawable : H = 461 mm - D = 396.5 mm | | L (3/4 poles) | [mm] | 324/414 | | 324/414 | |
| Weights (c.breaker complete with releases and CT, excluding accessoires) | | | | | | | |
| Fixed 3/4 Poles | | | [kg] | 42/50 | 46/55 | 46/55 | 45/53 |
| Withdrawable 3/4 Poles (including fixed part) | | | [kg] | 65/80 | 72/89 | 72/89 | 70/87 |

(1) without intentional delays

| Rated uninterrupted current (at 40 °C), Iu | [A] | 800 | 1250 | 1250 | 1600 | 2000 | 1250 | 1600 |
|---|-------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Mechanical life | | | | | | | | |
| with regular routine maintenance | [No. operations x 1000] | 25 | 25 | 25 | 25 | 25 | 20 | 20 |
| Frequency | [Operations per hour] | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| Electrical life (440 V ~) | | | | | | | | |
| | [No. operations x 1000] | 10 | 10 | 15 | 12 | 10 | 4 | 3 |
| Frequency | [Operations per hour] | 30 | 30 | 30 | 30 | 30 | 20 | 20 |

Technical and electrical overview

SACE Emax air circuit-breakers

Emax0288



Emax0301



Emax0314

**E3****E4****E6**

| E3 | | | | E4 | | E6 | |
|-----------|---------|---------|---------|-----------|---------|-----------|---------|
| N | S | H | L | S | H | H | V |
| 2500 | 1250 | 1250 | 2000 | 4000 | 3200 | 5000 | 3200 |
| 3200 | 1600 | 1600 | 2500 | | 4000 | 6300 | 4000 |
| | 2000 | 2000 | | | | | 5000 |
| | 2500 | 2500 | | | | | 6300 |
| | 3200 | 3200 | | | | | |
| 100 | 100 | 100 | 100 | 50 | 50 | 50 | 50 |
| 65 | 75 | 100 | 130 | 75 | 100 | 100 | 150 |
| 65 | 75 | 100 | 110 | 75 | 100 | 100 | 150 |
| 65 | 75 | 85 | 85 | 75 | 85 (*) | 100 | 100 |
| 65 | 75 | 75 | – | 75 | 100 | 100 | 100 |
| 65 | 75 | 85 | 130 | 75 | 100 | 100 | 125 |
| 65 | 75 | 85 | 110 | 75 | 100 | 100 | 125 |
| 65 | 75 | 85 | 65 | 75 | 85 (*) | 100 | 100 |
| 65 | 75 | 75 | – | 75 | 100 | 100 | 100 |
| 65 | 75 | 75 | 15 | 75 | 100 | 100 | 100 |
| 65 | 65 | 65 | – | 65 | 65 | – | – |
| 143 | 165 | 220 | 286 | 165 | 220 | 220 | 330 |
| 143 | 165 | 220 | 242 | 165 | 220 | 220 | 330 |
| 143 | 165 | 187 | 187 | 165 | 187 | 220 | 220 |
| B | B | B | A | B | B | B | B |
| • | • | • | • | • | • | • | • |
| • | • | • | • | • | • | • | • |
| 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| 30 | 30 | 30 | 12 | 30 | 30 | 30 | 30 |
| | 404/530 | | | 566/656 | | 782/908 | |
| | 432/558 | | | 594/684 | | 810/936 | |
| 68/80 | 68/80 | 68/80 | 67/79 | 95/115 | 95/115 | 140/170 | 140/170 |
| 100/125 | 100/125 | 100/125 | 100/120 | 147/190 | 147/190 | 210/260 | 210/260 |

(*) The performance at 500 V is 100 kA

| 1250 | 1600 | 2000 | 2500 | 3200 | 2000 | 2500 | 3200 | 4000 | 3200 | 4000 | 5000 | 6300 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 20 | 20 | 20 | 20 | 20 | 15 | 15 | 15 | 15 | 12 | 12 | 12 | 12 |
| 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| 12 | 10 | 9 | 8 | 6 | 2 | 1,8 | 7 | 5 | 5 | 4 | 3 | 2 |
| 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 10 | 10 |





Technical and electrical overview

Derived versions

The derived versions are available for all the circuit-breaker models. They are identified by the code of the circuit-breaker from which they are derived, completed with the code for their related versions.

The dimensions are the same as those of the circuit-breakers on which they are based.

Code of derived version

| | Switch-disconnector | Isolating truck | Earthing switch with making capacity | Earthing truck |
|-----------|---|---|--|---|
| |  |  |  |  |
| | <small>Emax0296</small> | <small>Emax0328</small> | <small>Emax0329</small> | <small>Emax0330</small> |
| | MS | CS | MTP | MT |
| E1 | E1 B/MS | E1/CS 12 | E1/MTP | E1/MT |
| E2 | E2 B-N/MS | E2/CS 20 | E2/MTP | E2/MT |
| E3 | E3 N-S/MS | E3/CS 32 | E3/MTP | E3/MT |
| E4 | E4 S-H/MS | E4/CS 40 | E4/MTP | E4/MT |
| E6 | E6 H/MS | E6/CS 63 | E6/MTP | E6/MT |

| | | | | E1 B | E2 B | E2 N | E3 N | E3 S | E4 S | E4 H | E6 H |
|---|------------------|-------------|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | | | MS | MS | MS | MS | MS | MS | MS | MS |
| Rated current | I _n | (40 °C) | [A] | 800 | 1600 | 1250 | 2500 | 1250 | 4000 | 3200 | 5000 |
| | | | | 1250 | 2000 | 1600 | 3200 | 1600 | | 4000 | 6300 |
| | | | | | | 2000 | | 2000 | | | |
| | | | | | | | | 2500 | | | |
| | | | | | | | | 3200 | | | |
| Rated service voltage | U _e | 50-60 Hz | [V~] | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 690 |
| | | | [V-] | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| Rated insulation voltage | U _i | | [V~] | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Rated impulse withstand voltage | U _{imp} | | [kV] | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Rated short-time withstand current | I _{cw} | (1 s) | [kA] | 36 | 40 | 55 | 65 | 75 | 75 | 100 | 100 |
| | | | (3 s) | – | 40 | 40 | 65 | 65 | 65 | 65 | – |
| Rated making capacity (peak value) | I _{cm} | 220...440V~ | [kA] | 75,6 | 84 | 121 | 143 | 165 | 165 | 220 | 220 |
| | | 500...690V~ | [kA] | 75,6 | 84 | 121 | 143 | 165 | 165 | 187 | 187 |

Order codes

SACE Emax E1 circuit-breaker

F = FIXED


E1B 08 $I_n (40\text{ }^\circ\text{C}) = 800\text{ A}$ $I_{cu} (415\text{ V}) = 40\text{ kA}$

Microprocessor-based release PR111
P code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| E1B 08 F HR | In 800 A | LI | 37527 | 39000 |
|-------------|----------|------|-------|-------|
| | | LSI | 37861 | 39003 |
| | | LSIG | 38192 | 39006 |

VR = Vertical rear terminals

| E1B 08 F VR | In 800 A | LI | 38372 | 39022 |
|-------------|----------|------|-------|-------|
| | | LSI | 38375 | 39025 |
| | | LSIG | 38378 | 39027 |

F = Front terminals

| E1B 08 F F | In 800 A | LI | 38394 | 39044 |
|------------|----------|------|-------|-------|
| | | LSI | 38397 | 39047 |
| | | LSIG | 38400 | 39050 |

Microprocessor-based release PR112
P code 1SDA0 R1 PR112
PD code 1SDA0 R1
3 poles 4 poles 3 poles 4 poles

HR = Horizontal rear terminals

| E1B 08 F HR | In 800 A | LSI | 38195 | 39009 | LSI | 38199 | 39015 |
|-------------|----------|------|-------|-------|------|-------|-------|
| | | LSIG | 38198 | 39012 | LSIG | 38205 | 39018 |

VR = Vertical rear terminals

| E1B 08 F VR | In 800 A | LSI | 38381 | 39031 | LSI | 38387 | 39037 |
|-------------|----------|------|-------|-------|------|-------|-------|
| | | LSIG | 38384 | 39034 | LSIG | 38390 | 39040 |

F = Front terminals

| E1B 08 F F | In 800 A | LSI | 38403 | 39053 | LSI | 38409 | 39059 |
|------------|----------|------|-------|-------|------|-------|-------|
| | | LSIG | 38406 | 39056 | LSIG | 38412 | 39062 |

E1B 12 $I_n (40\text{ }^\circ\text{C}) = 1250\text{ A}$ $I_{cu} (415\text{ V}) = 40\text{ kA}$

Microprocessor-based release PR111
P code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| E1B 12 F HR | In 1250 A | LI | 39092 | 39205 |
|-------------|-----------|------|-------|-------|
| | | LSI | 39093 | 39208 |
| | | LSIG | 39097 | 39213 |

VR = Vertical rear terminals

| E1B 12 F VR | In 1250 A | LI | 39118 | 39234 |
|-------------|-----------|------|-------|-------|
| | | LSI | 39122 | 39238 |
| | | LSIG | 39126 | 39242 |

F = Front terminals

| E1B 12 F F | In 1250 A | LI | 39147 | 39263 |
|------------|-----------|------|-------|-------|
| | | LSI | 39151 | 39267 |
| | | LSIG | 39155 | 39271 |

Microprocessor-based release PR112
P code 1SDA0 R1 PR112
PD code 1SDA0 R1
3 poles 4 poles 3 poles 4 poles

HR = Horizontal rear terminals

| E1B 08 F HR | In 1250 A | LSI | 39101 | 39217 | LSI | 39109 | 39225 |
|-------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 39105 | 39221 | LSIG | 39113 | 39229 |

VR = Vertical rear terminals

| E1B 08 F VR | In 1250 A | LSI | 39130 | 39246 | LSI | 39138 | 39254 |
|-------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 39134 | 39250 | LSIG | 39142 | 39258 |

F = Front terminals

| E1B 08 F F | In 1250 A | LSI | 39159 | 39275 | LSI | 39167 | 39283 |
|------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 39163 | 39279 | LSIG | 39171 | 39287 |

Order codes

SACE Emax E1 circuit-breaker

W = WITHDRAWABLE



EMAX0888

Moving part

E1B 08 $I_n (40\text{ }^\circ\text{C}) = 800\text{ A}$ $I_{cu} (415\text{ V}) = 40\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|----------|---------|---------|-----------------------|--|
| | | 3 poles | 4 poles | | |
| E1B 08 W MP | In 800 A | LI | 38978 | 39066 | |
| | | LSI | 38981 | 39069 | |
| | | LSIG | 38984 | 39072 | |

| Microprocessor-based release | | PR112 P | | PR112 PD | | code 1SDA0 R1 | | |
|------------------------------|----------|---------|---------|----------|---------|-----------------------|-------|--|
| | | 3 poles | 4 poles | 3 poles | 4 poles | | | |
| E1B 08 W MP | In 800 A | LSI | 38987 | 39075 | LSI | 38993 | 39081 | |
| | | LSIG | 38990 | 39078 | LSIG | 38996 | 39084 | |

E1B 12 $I_n (40\text{ }^\circ\text{C}) = 1250\text{ A}$ $I_{cu} (415\text{ V}) = 40\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|---------|---------|-----------------------|--|
| | | 3 poles | 4 poles | | |
| E1B 12 W MP | In 1250 A | LI | 39176 | 39292 | |
| | | LSI | 39180 | 39296 | |
| | | LSIG | 39184 | 39300 | |

| Microprocessor-based release | | PR112 P | | PR112 PD | | code 1SDA0 R1 | | |
|------------------------------|-----------|---------|---------|----------|---------|-----------------------|-------|--|
| | | 3 poles | 4 poles | 3 poles | 4 poles | | | |
| E1B 12 W MP | In 1250 A | LSI | 39188 | 39304 | LSI | 39196 | 39312 | |
| | | LSIG | 39192 | 39308 | LSIG | 39200 | 39316 | |

Fixed parts

| | | code 1SDA0 R1 | |
|---------------------------------------|--|-----------------------|---------|
| | | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | | |
| E1 W FP HR | | 37821 | 37826 |
| <i>VR = Vertical rear terminals</i> | | | |
| E1 W FP VR | | 37872 | 37877 |
| <i>F = Front terminals</i> | | | |
| E1 W FP F | | 37922 | 37927 |
| <i>FL = Flat terminals</i> | | | |
| E1 W FP FL | | 37972 | 37977 |

Order codes

SACE Emax E2 circuit-breaker

F = FIXED



EMAX0276

E2N 12 $I_n (40\text{ }^\circ\text{C}) = 1250\text{ A}$ $I_{cu} (415\text{ V}) = 65\text{ kA}$

Microprocessor-based release PR111
P code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E2N 12 F HR | In 1250 A | LI | 39673 | 39788 |
| | | LSI | 39677 | 39792 |
| | | LSIG | 39681 | 39796 |

VR = Vertical rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E2N 12 F VR | In 1250 A | LI | 39702 | 39817 |
| | | LSI | 39706 | 39821 |
| | | LSIG | 39710 | 39824 |

F = Front terminals

| | | | | |
|------------|-----------|------|-------|-------|
| E2N 12 F F | In 1250 A | LI | 39730 | 39846 |
| | | LSI | 39734 | 39850 |
| | | LSIG | 39738 | 39854 |

Microprocessor-based release PR112
P code 1SDA0 R1 3 poles 4 poles PR112
PD code 1SDA0 R1 3 poles 4 poles

HR = Horizontal rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E2N 12 F HR | In 1250 A | LSI | 39685 | 39800 | LSI | 39693 | 39813 |
| | | LSIG | 39689 | 39803 | LSIG | 39697 | 39809 |

VR = Vertical rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E2N 12 F VR | In 1250 A | LSI | 39714 | 39829 | LSI | 39722 | 39837 |
| | | LSIG | 39718 | 39833 | LSIG | 39726 | 39841 |

F = Front terminals

| | | | | | | | |
|------------|-----------|------|-------|-------|------|-------|-------|
| E2N 12 F F | In 1250 A | LSI | 39742 | 39858 | LSI | 39750 | 39866 |
| | | LSIG | 39746 | 39862 | LSIG | 39754 | 39870 |

E2L 12 $I_n (40\text{ }^\circ\text{C}) = 1250\text{ A}$ $I_{cu} (415\text{ V}) = 130\text{ kA}$

Microprocessor-based release PR111
P code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E2L 12 F HR | In 1250 A | LI | 43390 | 40337 |
| | | LSI | 43394 | 40341 |
| | | LSIG | 43398 | 40345 |

VR = Vertical rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E2L 12 F VR | In 1250 A | LI | 40234 | 40366 |
| | | LSI | 40238 | 40370 |
| | | LSIG | 40242 | 40374 |

F = Front terminals

| | | | | |
|------------|-----------|------|-------|-------|
| E2L 12 F F | In 1250 A | LI | 40263 | 40395 |
| | | LSI | 40266 | 40399 |
| | | LSIG | 40271 | 40403 |

Microprocessor-based release PR112
P code 1SDA0 R1 3 poles 4 poles PR112
PD code 1SDA0 R1 3 poles 4 poles

HR = Horizontal rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E2L 12 F HR | In 1250 A | LSI | 43402 | 40349 | LSI | 43410 | 40357 |
| | | LSIG | 43406 | 40353 | LSIG | 43414 | 40361 |

VR = Vertical rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E2L 12 F VR | In 1250 A | LSI | 40246 | 40378 | LSI | 40254 | 40386 |
| | | LSIG | 40250 | 40382 | LSIG | 40258 | 40390 |

F = Front terminals

| | | | | | | | |
|------------|-----------|------|-------|-------|------|-------|-------|
| E2L 12 F F | In 1250 A | LSI | 40275 | 40407 | LSI | 40283 | 40415 |
| | | LSIG | 40279 | 40411 | LSIG | 40287 | 40419 |

Order codes

SACE Emax E2 circuit-breaker

F = FIXED



EMAXE276s

E2B 16 $I_n (40\text{ }^\circ\text{C}) = 1600\text{ A}$ $I_{cu} (415\text{ V}) = 40\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|---------------------------------------|-----------|---------|-------|-----------------------|--|
| | | 3 poles | | 4 poles | |
| <i>HR = Horizontal rear terminals</i> | | | | | |
| E2B 16 F HR | In 1600 A | LI | 39320 | 39408 | |
| | | LSI | 39323 | 39411 | |
| | | LSIG | 39326 | 39414 | |
| <i>VR = Vertical rear terminals</i> | | | | | |
| E2B 16 F VR | In 1600 A | LI | 39342 | 39430 | |
| | | LSI | 39345 | 39433 | |
| | | LSIG | 39348 | 39436 | |
| <i>F = Front terminals</i> | | | | | |
| E2B 16 F F | In 1600 A | LI | 39364 | 39452 | |
| | | LSI | 39367 | 39455 | |
| | | LSIG | 39370 | 39458 | |

| Microprocessor-based release | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|---------------------------------------|-----------|---------|-------|-----------------------|------|----------|-------|-----------------------|--|
| | | 3 poles | | 4 poles | | 3 poles | | 4 poles | |
| <i>HR = Horizontal rear terminals</i> | | | | | | | | | |
| E2B 16 F HR | In 1600 A | LSI | 39329 | 39417 | LSI | 39335 | 39423 | | |
| | | LSIG | 39332 | 39420 | LSIG | 39338 | 39426 | | |
| | | | | | | | | | |
| <i>VR = Vertical rear terminals</i> | | | | | | | | | |
| E2B 16 F VR | In 1600 A | LSI | 39351 | 39439 | LSI | 39357 | 39445 | | |
| | | LSIG | 39354 | 39442 | LSIG | 39360 | 39448 | | |
| | | | | | | | | | |
| <i>F = Front terminals</i> | | | | | | | | | |
| E2B 16 F F | In 1600 A | LSI | 39373 | 39461 | LSI | 39379 | 39467 | | |
| | | LSIG | 39376 | 39464 | LSIG | 39382 | 39470 | | |
| | | | | | | | | | |

E2N 16 $I_n (40\text{ }^\circ\text{C}) = 1600\text{ A}$ $I_{cu} (415\text{ V}) = 65\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|---------------------------------------|-----------|---------|-------|-----------------------|--|
| | | 3 poles | | 4 poles | |
| <i>HR = Horizontal rear terminals</i> | | | | | |
| E2N 16 F HR | In 1600 A | LI | 39903 | 39991 | |
| | | LSI | 39906 | 39994 | |
| | | LSIG | 39909 | 39997 | |
| <i>VR = Vertical rear terminals</i> | | | | | |
| E2N 16 F VR | In 1600 A | LI | 39925 | 40013 | |
| | | LSI | 39928 | 40016 | |
| | | LSIG | 39931 | 40019 | |
| <i>F = Front terminals</i> | | | | | |
| E2N 16 F F | In 1600 A | LI | 39947 | 40035 | |
| | | LSI | 39950 | 40038 | |
| | | LSIG | 39953 | 40041 | |

| Microprocessor-based release | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|---------------------------------------|-----------|---------|-------|-----------------------|------|----------|-------|-----------------------|--|
| | | 3 poles | | 4 poles | | 3 poles | | 4 poles | |
| <i>HR = Horizontal rear terminals</i> | | | | | | | | | |
| E2N 16 F HR | In 1600 A | LSI | 39912 | 40000 | LSI | 39918 | 40006 | | |
| | | LSIG | 39915 | 40003 | LSIG | 39921 | 40009 | | |
| | | | | | | | | | |
| <i>VR = Vertical rear terminals</i> | | | | | | | | | |
| E2N 16 F VR | In 1600 A | LSI | 39934 | 40022 | LSI | 39940 | 40028 | | |
| | | LSIG | 39937 | 40025 | LSIG | 39943 | 40031 | | |
| | | | | | | | | | |
| <i>F = Front terminals</i> | | | | | | | | | |
| E2N 16 F F | In 1600 A | LSI | 39956 | 40044 | LSI | 39962 | 40050 | | |
| | | LSIG | 39959 | 40047 | LSIG | 39965 | 40053 | | |
| | | | | | | | | | |

Order codes

SACE Emax E2 circuit-breaker

F = FIXED



EMAX2768

E2L 16 $I_u(40\text{ }^\circ\text{C}) = 1600\text{ A}$ $I_{cu}(415\text{ V}) = 130\text{ kA}$

Microprocessor-based release PR111
P code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| E2L 16 F HR | In 1600 A | LI | 40452 | 40540 |
|-------------|-----------|------|-------|-------|
| | | LSI | 40455 | 40543 |
| | | LSIG | 40458 | 40546 |

VR = Vertical rear terminals

| E2L 16 F VR | In 1600 A | LI | 40474 | 40562 |
|-------------|-----------|------|-------|-------|
| | | LSI | 40477 | 40565 |
| | | LSIG | 40480 | 40568 |

F = Front terminals

| E2L 16 F F | In 1600 A | LI | 40496 | 40584 |
|------------|-----------|------|-------|-------|
| | | LSI | 40499 | 40587 |
| | | LSIG | 40502 | 40590 |

Microprocessor-based release PR112
P code 1SDA0 R1 PR112
PD code 1SDA0 R1
3 poles 4 poles 3 poles 4 poles

HR = Horizontal rear terminals

| E2L 16 F HR | In 1600 A | LSI | 40461 | 40549 | LSI | 40467 | 40555 |
|-------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 40464 | 40552 | LSIG | 40470 | 40558 |

VR = Vertical rear terminals

| E2L 16 F VR | In 1600 A | LSI | 40483 | 40571 | LSI | 40489 | 40577 |
|-------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 40486 | 40574 | LSIG | 40492 | 40580 |

F = Front terminals

| E2L 16 F F | In 1600 A | LSI | 40505 | 40593 | LSI | 40511 | 40599 |
|------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 40508 | 40596 | LSIG | 40514 | 40602 |

E2B 20 $I_u(40\text{ }^\circ\text{C}) = 2000\text{ A}$ $I_{cu}(415\text{ V}) = 40\text{ kA}$

Microprocessor-based release PR111
P code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| E2B 20 F HR | In 2000 A | LI | 39496 | 39584 |
|-------------|-----------|------|-------|-------|
| | | LSI | 39499 | 39587 |
| | | LSIG | 39502 | 39590 |

VR = Vertical rear terminals

| E2B 20 F VR | In 2000 A | LI | 39518 | 39606 |
|-------------|-----------|------|-------|-------|
| | | LSI | 39521 | 39609 |
| | | LSIG | 39524 | 39612 |

F = Front terminals

| E2B 20 F F | In 2000 A | LI | 39540 | 39628 |
|------------|-----------|------|-------|-------|
| | | LSI | 39543 | 39631 |
| | | LSIG | 39546 | 39634 |

Microprocessor-based release PR112
P code 1SDA0 R1 PR112
PD code 1SDA0 R1
3 poles 4 poles 3 poles 4 poles

HR = Horizontal rear terminals

| E2B 20 F HR | In 2000 A | LSI | 39505 | 39593 | LSI | 39511 | 39599 |
|-------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 39508 | 39596 | LSIG | 39514 | 39601 |

VR = Vertical rear terminals

| E2B 20 F VR | In 2000 A | LSI | 39527 | 39615 | LSI | 39533 | 39621 |
|-------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 39530 | 39618 | LSIG | 39536 | 39624 |

F = Front terminals

| E2B 20 F F | In 2000 A | LSI | 39549 | 39637 | LSI | 39555 | 39643 |
|------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 39552 | 39640 | LSIG | 39558 | 39646 |

Order codes

SACE Emax E2 circuit-breaker

F = FIXED



EMAX0276s

E2N 20 $I_n (40\text{ }^\circ\text{C}) = 2000\text{ A}$ $I_{cu} (415\text{ V}) = 65\text{ kA}$

Microprocessor-based release PR111
P code 1SDA0 R1
3 poles **4 poles**

HR = Horizontal rear terminals

| | | | | |
|-------------|-----------|------|--------------|--------------|
| E2N 20 F HR | In 2000 A | LI | 40079 | 40167 |
| | | LSI | 40082 | 40170 |
| | | LSIG | 40085 | 40173 |

VR = Vertical rear terminals

| | | | | |
|-------------|-----------|------|--------------|--------------|
| E2N 20 F VR | In 2000 A | LI | 40101 | 43352 |
| | | LSI | 40105 | 43355 |
| | | LSIG | 40107 | 43358 |

F = Front terminals

| | | | | |
|------------|-----------|------|--------------|--------------|
| E2N 20 F F | In 2000 A | LI | 40123 | 40189 |
| | | LSI | 40126 | 40192 |
| | | LSIG | 40129 | 40195 |

Microprocessor-based release PR112
P code 1SDA0 R1 PR112
PD code 1SDA0 R1
3 poles **4 poles** **3 poles** **4 poles**

HR = Horizontal rear terminals

| | | | | | | | |
|-------------|-----------|------|--------------|--------------|-----|--------------|--------------|
| E2N 20 F HR | In 2000 A | LSI | 40088 | 40176 | LSI | 40094 | 40182 |
| | | LSIG | 40091 | 40179 | LSI | 40097 | 40185 |

VR = Vertical rear terminals

| | | | | | | | |
|-------------|-----------|------|--------------|--------------|-----|--------------|--------------|
| E2N 20 F VR | In 2000 A | LSI | 40110 | 43361 | LSI | 40116 | 43367 |
| | | LSIG | 40113 | 43364 | LSI | 40119 | 43370 |

F = Front terminals

| | | | | | | | |
|------------|-----------|------|--------------|--------------|-----|--------------|--------------|
| E2N 20 F F | In 2000 A | LSI | 40132 | 40198 | LSI | 40138 | 40204 |
| | | LSIG | 40135 | 40201 | LSI | 40141 | 40207 |

Order codes

SACE Emax E2 circuit-breaker

W = WITHDRAWABLE



EMAX02E3B

Moving part

E2N 12 $I_u (40\text{ }^\circ\text{C}) = 1250\text{ A}$ $I_{cu} (415\text{ V}) = 65\text{ kA}$

| | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-----------------------|--|
| Microprocessor-based release | | 3 poles | 4 poles | | |
| E2N 12 W MP | In 1250 A | LI | 39759 | 39875 | |
| | | LSI | 39763 | 39879 | |
| | | LSIG | 39767 | 39883 | |

| | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-----------------------|---------|-------------|-------|-----------------------|--|
| Microprocessor-based release | | 3 poles | 4 poles | 3 poles | 4 poles | | | | |
| E2N 12 W MP | In 1250 A | LSI | 39771 | 39887 | LSI | 39779 | 39895 | | |
| | | LSIG | 39775 | 39891 | LSIG | 39783 | 39899 | | |

E2L 12 $I_u (40\text{ }^\circ\text{C}) = 1250\text{ A}$ $I_{cu} (415\text{ V}) = 130\text{ kA}$

| | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-----------------------|--|
| Microprocessor-based release | | 3 poles | 4 poles | | |
| E2L 12 W MP | In 1250 A | LI | 40292 | 40424 | |
| | | LSI | 40296 | 40428 | |
| | | LSIG | 40300 | 40432 | |

| | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-----------------------|---------|-------------|-------|-----------------------|--|
| Microprocessor-based release | | 3 poles | 4 poles | 3 poles | 4 poles | | | | |
| E2L 12 W MP | In 1250 A | LSI | 39395 | 39483 | LSI | 39401 | 39489 | | |
| | | LSIG | 39398 | 39486 | LSIG | 39404 | 39492 | | |

E2B 16 $I_u (40\text{ }^\circ\text{C}) = 1600\text{ A}$ $I_{cu} (415\text{ V}) = 40\text{ kA}$

| | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-----------------------|--|
| Microprocessor-based release | | 3 poles | 4 poles | | |
| E2B 16 W MP | In 1600 A | LI | 39386 | 39474 | |
| | | LSI | 39389 | 39477 | |
| | | LSIG | 39392 | 39480 | |

| | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-----------------------|---------|-------------|-------|-----------------------|--|
| Microprocessor-based release | | 3 poles | 4 poles | 3 poles | 4 poles | | | | |
| E2B 16 W MP | In 1600 A | LSI | 40304 | 40436 | LSI | 40312 | 40444 | | |
| | | LSIG | 40308 | 40440 | LSIG | 40316 | 40448 | | |

E2N 16 $I_u (40\text{ }^\circ\text{C}) = 1600\text{ A}$ $I_{cu} (415\text{ V}) = 65\text{ kA}$

| | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-----------------------|--|
| Microprocessor-based release | | 3 poles | 4 poles | | |
| E2N 16 W MP | In 1600 A | LI | 39969 | 40057 | |
| | | LSI | 39972 | 40060 | |
| | | LSIG | 39975 | 40064 | |

| | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-----------------------|---------|-------------|-------|-----------------------|--|
| Microprocessor-based release | | 3 poles | 4 poles | 3 poles | 4 poles | | | | |
| E2N 16 W MP | In 1600 A | LSI | 39978 | 40066 | LSI | 39984 | 40072 | | |
| | | LSIG | 39981 | 40069 | LSIG | 39987 | 40075 | | |

Order codes

SACE Emax E2 circuit-breaker

W = WITHDRAWABLE



EMAX02E3s

Moving part

E2L 16 $I_u (40\text{ }^\circ\text{C}) = 1600\text{ A}$ $I_{cu} (415\text{ V}) = 130\text{ kA}$

| | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-----------------------|---------|
| Microprocessor-based release | | 3 poles | 4 poles | 3 poles | 4 poles |
| E2L 16 W MP | In 1600 A | LI | 40518 | 40606 | |
| | | LSI | 40521 | 40609 | |
| | | LSIG | 40524 | 40612 | |

| | | PR112 P | | PR112 PD | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-------------|---------|-----------------------|---------|
| Microprocessor-based release | | 3 poles | 4 poles | 3 poles | 4 poles | 3 poles | 4 poles |
| E2L 16 W MP | In 1600 A | LSI | 40527 | 40615 | LSI | 40533 | 40621 |
| | | LSIG | 40530 | 40618 | LSIG | 40536 | 40624 |

E2B 20 $I_u (40\text{ }^\circ\text{C}) = 2000\text{ A}$ $I_{cu} (415\text{ V}) = 40\text{ kA}$

| | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-----------------------|---------|
| Microprocessor-based release | | 3 poles | 4 poles | 3 poles | 4 poles |
| E2B 20 W MP | In 2000 A | LI | 39562 | 39650 | |
| | | LSI | 39565 | 39653 | |
| | | LSIG | 39568 | 39656 | |

| | | PR112 P | | PR112 PD | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-------------|---------|-----------------------|---------|
| Microprocessor-based release | | 3 poles | 4 poles | 3 poles | 4 poles | 3 poles | 4 poles |
| E2B 20 W MP | In 2000 A | LSI | 39571 | 39659 | LSI | 39577 | 39665 |
| | | LSIG | 39574 | 39662 | LSIG | 39580 | 39668 |

E2N 20 $I_u (40\text{ }^\circ\text{C}) = 2000\text{ A}$ $I_{cu} (415\text{ V}) = 65\text{ kA}$

| | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-----------------------|---------|
| Microprocessor-based release | | 3 poles | 4 poles | 3 poles | 4 poles |
| E2N 20 W MP | In 2000 A | LI | 40145 | 40211 | |
| | | LSI | 40148 | 40214 | |
| | | LSIG | 40151 | 40217 | |

| | | PR112 P | | PR112 PD | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-------------|---------|-----------------------|---------|
| Microprocessor-based release | | 3 poles | 4 poles | 3 poles | 4 poles | 3 poles | 4 poles |
| E2N 20 W MP | In 2000 A | LSI | 40154 | 40220 | LSI | 40160 | 40226 |
| | | LSIG | 40157 | 40223 | LSIG | 40163 | 40229 |

Fixed parts

| | | code 1SDA0 R1 | |
|---------------------------------------|--|-----------------------|---------|
| | | 3 poles | 4 poles |
| HR = Horizontal rear terminals | | | |
| E2 W FP HR | | 37822 | 37827 |
| VR = Vertical rear terminals | | | |
| E2 W FP VR | | 37873 | 37886 |
| F = Front terminals | | | |
| E2 W FP F | | 37923 | 37928 |
| FL = Flat terminals | | | |
| E2 W FP FL | | 37973 | 37978 |

Order codes

SACE Emax E3 circuit-breaker

F = FIXED



EMAX020805

E3S 12 $I_n (40\text{ }^\circ\text{C}) = 1250\text{ A}$ $I_{cu} (415\text{ V}) = 75\text{ kA}$

Microprocessor-based release PR111
P code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3S 12 F HR | In 1250 A | LI | 40889 | 40949 |
| | | LSI | 40891 | 40951 |
| | | LSIG | 40893 | 40953 |

VR = Vertical rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3S 12 F VR | In 1250 A | LI | 40904 | 40964 |
| | | LSI | 40906 | 40966 |
| | | LSIG | 40908 | 40968 |

F = Front terminals

| | | | | |
|------------|-----------|------|-------|-------|
| E3S 12 F F | In 1250 A | LI | 40919 | 40979 |
| | | LSI | 40921 | 40981 |
| | | LSIG | 40923 | 40983 |

Microprocessor-based release PR112
P code 1SDA0 R1 PR112
PD code 1SDA0 R1
3 poles 4 poles 3 poles 4 poles

HR = Horizontal rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3S 12 F HR | In 1250 A | LSI | 40895 | 40955 | LSI | 40899 | 40959 |
| | | LSIG | 40897 | 40957 | LSIG | 40901 | 40961 |

VR = Vertical rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3S 12 F VR | In 1250 A | LSI | 40910 | 40970 | LSI | 40914 | 40974 |
| | | LSIG | 40912 | 40972 | LSIG | 40916 | 40976 |

F = Front terminals

| | | | | | | | |
|------------|-----------|------|-------|-------|------|-------|-------|
| E3S 12 F F | In 1250 A | LSI | 40925 | 40985 | LSI | 40929 | 40989 |
| | | LSIG | 40927 | 40987 | LSIG | 40931 | 40991 |

E3H 12 $I_n (40\text{ }^\circ\text{C}) = 1250\text{ A}$ $I_{cu} (415\text{ V}) = 100\text{ kA}$

Microprocessor-based release PR111
P code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3H 12 F HR | In 1250 A | LI | 41489 | 41549 |
| | | LSI | 41491 | 41551 |
| | | LSIG | 41493 | 41553 |

VR = Vertical rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3H 12 F VR | In 1250 A | LI | 41504 | 41564 |
| | | LSI | 41506 | 41566 |
| | | LSIG | 41508 | 41568 |

F = Front terminals

| | | | | |
|------------|-----------|------|-------|-------|
| E3H 12 F F | In 1250 A | LI | 41519 | 41579 |
| | | LSI | 41521 | 41581 |
| | | LSIG | 41523 | 41583 |

Microprocessor-based release PR112
P code 1SDA0 R1 PR112
PD code 1SDA0 R1
3 poles 4 poles 3 poles 4 poles

HR = Horizontal rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3H 12 F HR | In 1250 A | LSI | 41495 | 41555 | LSI | 41499 | 41559 |
| | | LSIG | 41497 | 41557 | LSIG | 41501 | 41561 |

VR = Vertical rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3H 12 F VR | In 1250 A | LSI | 41510 | 41570 | LSI | 41514 | 41574 |
| | | LSIG | 41512 | 41572 | LSIG | 41516 | 41576 |

F = Front terminals

| | | | | | | | |
|------------|-----------|------|-------|-------|------|-------|-------|
| E3H 12 F F | In 1250 A | LSI | 41525 | 41585 | LSI | 41529 | 41589 |
| | | LSIG | 41527 | 41587 | LSIG | 41531 | 41591 |

Order codes

SACE Emax E3 circuit-breaker

F = FIXED



EMAX2886

E3S 16 $I_u (40\text{ }^\circ\text{C}) = 1600\text{ A}$ $I_{cu} (415\text{ V}) = 75\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|---------------------------------------|-----------|---------|-------|-----------------------|--|
| | | 3 poles | | 4 poles | |
| <i>HR = Horizontal rear terminals</i> | | | | | |
| E3S 16 F HR | In 1600 A | LI | 41009 | 41069 | |
| | | LSI | 41011 | 41071 | |
| | | LSIG | 41013 | 41073 | |
| <i>VR = Vertical rear terminals</i> | | | | | |
| E3S 16 F VR | In 1600 A | LI | 41024 | 41084 | |
| | | LSI | 41026 | 41086 | |
| | | LSIG | 41028 | 41088 | |
| <i>F = Front terminals</i> | | | | | |
| E3S 16 F F | In 1600 A | LI | 41039 | 41099 | |
| | | LSI | 41041 | 41101 | |
| | | LSIG | 41043 | 41103 | |

| Microprocessor-based release | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|---------------------------------------|-----------|---------|-------|-----------------------|------|----------|-------|-----------------------|--|
| | | 3 poles | | 4 poles | | 3 poles | | 4 poles | |
| <i>HR = Horizontal rear terminals</i> | | | | | | | | | |
| E3S 16 F HR | In 1600 A | LSI | 41015 | 41075 | LSI | 41019 | 41079 | | |
| | | LSIG | 41017 | 41077 | LSIG | 41021 | 41081 | | |
| | | | | | | | | | |
| <i>VR = Vertical rear terminals</i> | | | | | | | | | |
| E3S 16 F VR | In 1600 A | LSI | 41030 | 41090 | LSI | 41034 | 41094 | | |
| | | LSIG | 41032 | 41092 | LSIG | 41036 | 41096 | | |
| | | | | | | | | | |
| <i>F = Front terminals</i> | | | | | | | | | |
| E3S 16 F F | In 1600 A | LSI | 41045 | 41105 | LSI | 41049 | 41109 | | |
| | | LSIG | 41047 | 41107 | LSIG | 41051 | 41111 | | |
| | | | | | | | | | |

E3H 16 $I_u (40\text{ }^\circ\text{C}) = 1600\text{ A}$ $I_{cu} (415\text{ V}) = 100\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | | |
|---------------------------------------|-----------|---------|-------|-----------------------|--|--|
| | | 3 poles | | 4 poles | | |
| <i>HR = Horizontal rear terminals</i> | | | | | | |
| E3H 16 F HR | In 1600 A | LI | 41609 | 41669 | | |
| | | LSI | 41611 | 41671 | | |
| | | LSIG | 41613 | 41673 | | |
| <i>VR = Vertical rear terminals</i> | | | | | | |
| E3H 16 F VR | In 1600 A | LI | 41624 | 41684 | | |
| | | LSI | 41626 | 41686 | | |
| | | LSIG | 41628 | 41688 | | |
| <i>F = Front terminals</i> | | | | | | |
| E3H 16 F F | In 1600 A | LI | 41639 | 41699 | | |
| | | LSI | 41641 | 41701 | | |
| | | LSIG | 41643 | 41703 | | |

| Microprocessor-based release | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|---------------------------------------|-----------|---------|-------|-----------------------|------|----------|-------|-----------------------|--|
| | | 3 poles | | 4 poles | | 3 poles | | 4 poles | |
| <i>HR = Horizontal rear terminals</i> | | | | | | | | | |
| E3H 16 F HR | In 1600 A | LSI | 41615 | 41675 | LSI | 41619 | 41679 | | |
| | | LSIG | 41617 | 41677 | LSIG | 41621 | 41681 | | |
| | | | | | | | | | |
| <i>VR = Vertical rear terminals</i> | | | | | | | | | |
| E3H 16 F VR | In 1600 A | LSI | 41630 | 41690 | LSI | 41634 | 41694 | | |
| | | LSIG | 41632 | 41692 | LSIG | 41636 | 41696 | | |
| | | | | | | | | | |
| <i>F = Front terminals</i> | | | | | | | | | |
| E3H 16 F F | In 1600 A | LSI | 41645 | 41705 | LSI | 41649 | 41709 | | |
| | | LSIG | 41647 | 41707 | LSIG | 41651 | 41711 | | |
| | | | | | | | | | |

Order codes

SACE Emax E3 circuit-breaker

F = FIXED



EMAXC20B85

E3S 20 $I_u (40\text{ }^\circ\text{C}) = 2000\text{ A}$ $I_{cu} (415\text{ V}) = 75\text{ kA}$

Microprocessor-based release PR111
P code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3S 20 F HR | In 2000 A | LI | 41129 | 41189 |
| | | LSI | 41131 | 41191 |
| | | LSIG | 41133 | 41193 |

VR = Vertical rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3S 20 F VR | In 2000 A | LI | 41144 | 41204 |
| | | LSI | 41146 | 41206 |
| | | LSIG | 41148 | 41208 |

F = Front terminals

| | | | | |
|------------|-----------|------|-------|-------|
| E3S 20 F F | In 2000 A | LI | 41159 | 41219 |
| | | LSI | 41161 | 41221 |
| | | LSIG | 41163 | 41223 |

Microprocessor-based release PR112
P code 1SDA0 R1 3 poles 4 poles PR112
PD code 1SDA0 R1 3 poles 4 poles

HR = Horizontal rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3S 20 F HR | In 2000 A | LSI | 41135 | 41195 | LSI | 41139 | 41199 |
| | | LSIG | 41137 | 41197 | LSIG | 41141 | 41201 |

VR = Vertical rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3S 20 F VR | In 2000 A | LSI | 41150 | 41210 | LSI | 41154 | 41214 |
| | | LSIG | 41152 | 41212 | LSIG | 41156 | 41216 |

F = Front terminals

| | | | | | | | |
|------------|-----------|------|-------|-------|------|-------|-------|
| E3S 20 F F | In 2000 A | LSI | 41165 | 41225 | LSI | 41169 | 41229 |
| | | LSIG | 41167 | 41227 | LSIG | 41171 | 41231 |

E3H 20 $I_u (40\text{ }^\circ\text{C}) = 2000\text{ A}$ $I_{cu} (415\text{ V}) = 100\text{ kA}$

Microprocessor-based release PR111
P code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3H 20 F HR | In 2000 A | LI | 41729 | 41789 |
| | | LSI | 41731 | 41791 |
| | | LSIG | 41733 | 41793 |

VR = Vertical rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3H 20 F VR | In 2000 A | LI | 41744 | 41804 |
| | | LSI | 41746 | 41806 |
| | | LSIG | 41748 | 41808 |

F = Front terminals

| | | | | |
|------------|-----------|------|-------|-------|
| E3H 20 F F | In 2000 A | LI | 41759 | 41819 |
| | | LSI | 41761 | 41821 |
| | | LSIG | 41763 | 41823 |

Microprocessor-based release PR112
P code 1SDA0 R1 3 poles 4 poles PR112
PD code 1SDA0 R1 3 poles 4 poles

HR = Horizontal rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3H 20 F HR | In 2000 A | LSI | 41735 | 41795 | LSI | 41739 | 41799 |
| | | LSIG | 41737 | 41797 | LSIG | 41741 | 41801 |

VR = Vertical rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3H 20 F VR | In 2000 A | LSI | 41750 | 41810 | LSI | 41754 | 41814 |
| | | LSIG | 41752 | 41812 | LSIG | 41756 | 41816 |

F = Front terminals

| | | | | | | | |
|------------|-----------|------|-------|-------|------|-------|-------|
| E3H 20 F F | In 2000 A | LSI | 41765 | 41825 | LSI | 41769 | 41829 |
| | | LSIG | 41767 | 41827 | LSIG | 41771 | 41831 |

Order codes

SACE Emax E3 circuit-breaker

F = FIXED



EMAX22886

E3L 20 $I_u (40\text{ }^\circ\text{C}) = 2000\text{ A}$ $I_{cu} (415\text{ V}) = 130\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|---------------------------------------|-----------|---------|---------|-----------------------|--|
| | | 3 poles | 4 poles | | |
| <i>HR = Horizontal rear terminals</i> | | | | | |
| E3L 20 F HR | In 2000 A | LI | 42089 | 42149 | |
| | | LSI | 42091 | 42151 | |
| | | LSIG | 42093 | 42153 | |
| <i>VR = Vertical rear terminals</i> | | | | | |
| E3L 20 F VR | In 2000 A | LI | 42104 | 42164 | |
| | | LSI | 42106 | 42166 | |
| | | LSIG | 42108 | 42168 | |
| <i>F = Front terminals</i> | | | | | |
| E3L 20 F F | In 2000 A | LI | 42119 | 42179 | |
| | | LSI | 42121 | 42181 | |
| | | LSIG | 42123 | 42183 | |

| Microprocessor-based release | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|---------------------------------------|-----------|---------|---------|-----------------------|---------|----------|-------|-----------------------|--|
| | | 3 poles | 4 poles | 3 poles | 4 poles | | | | |
| <i>HR = Horizontal rear terminals</i> | | | | | | | | | |
| E3L 20 F HR | In 2000 A | LSI | 42095 | 42155 | LSI | 42099 | 42159 | | |
| | | LSIG | 42097 | 42157 | LSIG | 42101 | 42161 | | |
| | | | | | | | | | |
| <i>VR = Vertical rear terminals</i> | | | | | | | | | |
| E3L 20 F VR | In 2000 A | LSI | 42110 | 42170 | LSI | 42114 | 42174 | | |
| | | LSIG | 42112 | 42172 | LSIG | 42116 | 42176 | | |
| | | | | | | | | | |
| <i>F = Front terminals</i> | | | | | | | | | |
| E3L 20 F F | In 2000 A | LSI | 42125 | 42185 | LSI | 42129 | 42189 | | |
| | | LSIG | 42127 | 42187 | LSIG | 42131 | 42191 | | |
| | | | | | | | | | |

E3N 25 $I_u (40\text{ }^\circ\text{C}) = 2500\text{ A}$ $I_{cu} (415\text{ V}) = 65\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|---------------------------------------|-----------|---------|---------|-----------------------|--|
| | | 3 poles | 4 poles | | |
| <i>HR = Horizontal rear terminals</i> | | | | | |
| E3N 25 F HR | In 2500 A | LI | 40649 | 40709 | |
| | | LSI | 40651 | 40711 | |
| | | LSIG | 41653 | 41713 | |
| <i>VR = Vertical rear terminals</i> | | | | | |
| E3N 25 F VR | In 2500 A | LI | 40664 | 40724 | |
| | | LSI | 40666 | 40726 | |
| | | LSIG | 40668 | 40728 | |
| <i>F = Front terminals</i> | | | | | |
| E3N 25 F F | In 2500 A | LI | 40679 | 40739 | |
| | | LSI | 40681 | 40741 | |
| | | LSIG | 40683 | 40743 | |

| Microprocessor-based release | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|---------------------------------------|-----------|---------|---------|-----------------------|---------|----------|-------|-----------------------|--|
| | | 3 poles | 4 poles | 3 poles | 4 poles | | | | |
| <i>HR = Horizontal rear terminals</i> | | | | | | | | | |
| E3N 25 F HR | In 2500 A | LSI | 40655 | 40715 | LSI | 40659 | 40719 | | |
| | | LSIG | 40657 | 40717 | LSIG | 40661 | 40721 | | |
| | | | | | | | | | |
| <i>VR = Vertical rear terminals</i> | | | | | | | | | |
| E3N 25 F VR | In 2500 A | LSI | 40670 | 40730 | LSI | 40674 | 40734 | | |
| | | LSIG | 40672 | 40732 | LSIG | 40676 | 40736 | | |
| | | | | | | | | | |
| <i>F = Front terminals</i> | | | | | | | | | |
| E3N 25 F F | In 2500 A | LSI | 40685 | 40745 | LSI | 40689 | 40749 | | |
| | | LSIG | 40687 | 40747 | LSIG | 40691 | 40751 | | |
| | | | | | | | | | |

Order codes

SACE Emax E3 circuit-breaker

F = FIXED



EMAXC28B6

E3S 25 $I_n (40\text{ }^\circ\text{C}) = 2500\text{ A}$ $I_{cu} (415\text{ V}) = 75\text{ kA}$

Microprocessor-based release PR111
P code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3S 25 F HR | In 2500 A | LI | 41249 | 41309 |
| | | LSI | 41251 | 41311 |
| | | LSIG | 41253 | 41313 |

VR = Vertical rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3S 25 F VR | In 2500 A | LI | 41264 | 41324 |
| | | LSI | 41266 | 41326 |
| | | LSIG | 41268 | 41328 |

F = Front terminals

| | | | | |
|------------|-----------|------|-------|-------|
| E3S 25 F F | In 2500 A | LI | 41279 | 41339 |
| | | LSI | 41281 | 41341 |
| | | LSIG | 41283 | 41343 |

Microprocessor-based release PR112
P code 1SDA0 R1 PR112
PD code 1SDA0 R1
3 poles 4 poles 3 poles 4 poles

HR = Horizontal rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3S 25 F HR | In 2500 A | LSI | 41255 | 41315 | LSI | 41259 | 41319 |
| | | LSIG | 41257 | 41317 | LSIG | 41261 | 41321 |

VR = Vertical rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3S 25 F VR | In 2500 A | LSI | 41270 | 41330 | LSI | 41274 | 41334 |
| | | LSIG | 41272 | 41332 | LSIG | 41276 | 41336 |

F = Front terminals

| | | | | | | | |
|------------|-----------|------|-------|-------|------|-------|-------|
| E3S 25 F F | In 2500 A | LSI | 41285 | 41345 | LSI | 41289 | 41349 |
| | | LSIG | 41287 | 41347 | LSIG | 41291 | 41351 |

E3H 25 $I_n (40\text{ }^\circ\text{C}) = 2500\text{ A}$ $I_{cu} (415\text{ V}) = 100\text{ kA}$

Microprocessor-based release PR111
P code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3H 25 F HR | In 2500 A | LI | 41849 | 41909 |
| | | LSI | 41851 | 41911 |
| | | LSIG | 41853 | 41913 |

VR = Vertical rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3H 25 F VR | In 2500 A | LI | 41864 | 41924 |
| | | LSI | 41866 | 41926 |
| | | LSIG | 41868 | 41928 |

F = Front terminals

| | | | | |
|------------|-----------|------|-------|-------|
| E3H 25 F F | In 2500 A | LI | 41879 | 41939 |
| | | SI | 41881 | 41941 |
| | | LSIG | 41883 | 41943 |

Microprocessor-based release PR112
P code 1SDA0 R1 PR112
PD code 1SDA0 R1
3 poles 4 poles 3 poles 4 poles

HR = Horizontal rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3H 25 F HR | In 2500 A | LSI | 41855 | 41915 | LSI | 41859 | 41919 |
| | | LSIG | 41857 | 41917 | LSIG | 41861 | 41921 |

VR = Vertical rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3H 25 F VR | In 2500 A | LSI | 41870 | 41930 | LSI | 41874 | 41934 |
| | | LSIG | 41872 | 41932 | LSIG | 41876 | 41936 |

F = Front terminals

| | | | | | | | |
|------------|-----------|------|-------|-------|------|-------|-------|
| E3H 25 F F | In 2500 A | LSI | 41885 | 41945 | LSI | 41889 | 41949 |
| | | LSIG | 41887 | 41947 | LSIG | 41891 | 41951 |

Order codes

SACE Emax E3 circuit-breaker

F = FIXED



EMAX22886

E3L 25 $I_u (40\text{ }^\circ\text{C}) = 2500\text{ A}$ $I_{cu} (415\text{ V}) = 130\text{ kA}$

Microprocessor-based release **PR111 P** code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3L 25 F HR | In 2500 A | LI | 42209 | 42269 |
| | | LSI | 42211 | 42271 |
| | | LSIG | 42213 | 42273 |

VR = Vertical rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3L 25 F VR | In 2500 A | LI | 42224 | 42284 |
| | | LSI | 42226 | 42286 |
| | | LSIG | 42228 | 42288 |

F = Front terminals

| | | | | |
|------------|-----------|------|-------|-------|
| E3L 25 F F | In 2500 A | LI | 42239 | 42299 |
| | | LSI | 42241 | 42301 |
| | | LSIG | 42243 | 42303 |

Microprocessor-based release **PR112 P** code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3L 25 F HR | In 2500 A | LSI | 42215 | 42275 | LSI | 42219 | 42279 |
| | | LSIG | 42217 | 42277 | LSIG | 42221 | 42281 |

VR = Vertical rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3L 25 F VR | In 2500 A | LSI | 42230 | 42290 | LSI | 42234 | 42294 |
| | | LSIG | 42232 | 42292 | LSIG | 42236 | 42296 |

F = Front terminals

| | | | | | | | |
|------------|-----------|------|-------|-------|------|-------|-------|
| E3L 25 F F | In 2500 A | LSI | 42245 | 42305 | LSI | 42249 | 42309 |
| | | LSIG | 42247 | 42307 | LSIG | 42251 | 42311 |

E3N 32 $I_u (40\text{ }^\circ\text{C}) = 3200\text{ A}$ $I_{cu} (415\text{ V}) = 65\text{ kA}$

Microprocessor-based release **PR111 P** code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3N 32 F HR | In 3200 A | LI | 40784 | 43373 |
| | | LSI | 40786 | 43375 |
| | | LSIG | 40788 | 43377 |

VR = Vertical rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3N 32 F VR | In 3200 A | LI | 40799 | 40844 |
| | | LSI | 40801 | 40846 |
| | | LSIG | 40803 | 40848 |

F = Front terminals

| | | | | |
|------------|-----------|------|-------|-------|
| E3N 32 F F | In 3200 A | LI | 40814 | 40859 |
| | | LSI | 40816 | 40861 |
| | | LSIG | 40818 | 40863 |

Microprocessor-based release **PR112 P** code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3N 32 F HR | In 3200 A | LSI | 40790 | 43379 | LSI | 40794 | 43383 |
| | | LSIG | 40792 | 43381 | LSIG | 40796 | 43385 |

VR = Vertical rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3N 32 F VR | In 3200 A | LSI | 40805 | 40850 | LSI | 40809 | 40854 |
| | | LSIG | 40807 | 40852 | LSIG | 40811 | 40856 |

F = Front terminals

| | | | | | | | |
|------------|-----------|------|-------|-------|------|-------|-------|
| E3N 32 F F | In 3200 A | LSI | 40820 | 40865 | LSI | 40824 | 40869 |
| | | LSIG | 40822 | 40867 | LSIG | 40826 | 40871 |

Order codes

SACE Emax E3 circuit-breaker

F = FIXED



EMAXE3B86

E3S 32 $I_n (40\text{ }^\circ\text{C}) = 3200\text{ A}$ $I_{cu} (415\text{ V}) = 75\text{ kA}$

Microprocessor-based release PR111
P code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3S 32 F HR | In 3200 A | LI | 41369 | 41429 |
| | | LSI | 41371 | 41431 |
| | | LSIG | 41373 | 41933 |

VR = Vertical rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3S 32 F VR | In 3200 A | LI | 41384 | 41444 |
| | | LSI | 41386 | 41446 |
| | | LSIG | 41388 | 41448 |

F = Front terminals

| | | | | |
|------------|-----------|------|-------|-------|
| E3S 32 F F | In 3200 A | LI | 41399 | 41459 |
| | | LSI | 41401 | 41461 |
| | | LSIG | 41403 | 41463 |

Microprocessor-based release PR112
P code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3S 32 F HR | In 3200 A | LSI | 41375 | 41435 | LSIG | 41379 | 41439 |
| | | LSIG | 41377 | 41437 | LSIG | 41381 | 41441 |

VR = Vertical rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3S 32 F VR | In 3200 A | LSI | 41390 | 41450 | LSI | 41394 | 41454 |
| | | LSIG | 41392 | 41452 | LSIG | 41396 | 41456 |

F = Front terminals

| | | | | | | | |
|------------|-----------|------|-------|-------|------|-------|-------|
| E3S 32 F F | In 3200 A | LSI | 41405 | 41465 | LSI | 41409 | 41469 |
| | | LSIG | 41407 | 41467 | LSIG | 41411 | 41471 |

E3H 32 $I_n (40\text{ }^\circ\text{C}) = 3200\text{ A}$ $I_{cu} (415\text{ V}) = 100\text{ kA}$

Microprocessor-based release PR111
P code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3H 32 F HR | In 3200 A | LI | 41969 | 42029 |
| | | LSI | 41971 | 42031 |
| | | LSIG | 41973 | 42033 |

VR = Vertical rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E3H 32 F VR | In 3200 A | LI | 41984 | 42044 |
| | | LSI | 41986 | 42046 |
| | | LSIG | 41988 | 42048 |

F = Front terminals

| | | | | |
|------------|-----------|------|-------|-------|
| E3H 32 F F | In 3200 A | LI | 41999 | 42059 |
| | | LSI | 42001 | 42061 |
| | | LSIG | 42003 | 42063 |

Microprocessor-based release PR112
P code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3H 32 F HR | In 3200 A | LSI | 41975 | 42035 | LSI | 41979 | 42039 |
| | | LSIG | 41977 | 42037 | LSIG | 41981 | 42041 |

VR = Vertical rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E3H 32 F VR | In 3200 A | LSI | 41990 | 42050 | LSI | 41994 | 42054 |
| | | LSIG | 41992 | 42052 | LSIG | 41996 | 42056 |

F = Front terminals

| | | | | | | | |
|------------|-----------|------|-------|-------|------|-------|-------|
| E3H 32 F F | In 3200 A | LLSI | 42005 | 42065 | LSI | 42009 | 42069 |
| | | LSIG | 42007 | 42067 | LSIG | 42011 | 42071 |

Order codes

SACE Emax E3 circuit-breaker

W = WITHDRAWABLE



EMAX02365

Moving part

E3S 12 $I_u (40\text{ }^\circ\text{C}) = 1250\text{ A}$ $I_{cu} (415\text{ V}) = 75\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|---------|---------|-----------------------|--|
| | | 3 poles | 4 poles | | |
| E3S 12 W MP | In 1250 A | LI | 40934 | 40994 | |
| | | LSI | 40936 | 40996 | |
| | | LSIG | 40938 | 40998 | |

| Microprocessor-based release | | PR112 P | | PR112 PD | | code 1SDA0 R1 | | |
|------------------------------|-----------|---------|---------|----------|---------|-----------------------|-------|--|
| | | 3 poles | 4 poles | 3 poles | 4 poles | | | |
| E3S 12 W MP | In 1250 A | LSI | 40940 | 41000 | LSI | 40944 | 41004 | |
| | | LSIG | 40942 | 41002 | LSIG | 40946 | 41006 | |

E3H 12 $I_u (40\text{ }^\circ\text{C}) = 1250\text{ A}$ $I_{cu} (415\text{ V}) = 100\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|---------|---------|-----------------------|--|
| | | 3 poles | 4 poles | | |
| E3H 12 W MP | In 1250 A | LI | 41534 | 41594 | |
| | | LSI | 41536 | 41596 | |
| | | LSIG | 41538 | 41598 | |

| Microprocessor-based release | | PR112 P | | PR112 PD | | code 1SDA0 R1 | | |
|------------------------------|-----------|---------|---------|----------|---------|-----------------------|-------|--|
| | | 3 poles | 4 poles | 3 poles | 4 poles | | | |
| E3H 12 W MP | In 1250 A | LSI | 41540 | 41600 | LSI | 41544 | 41604 | |
| | | LSIG | 41542 | 41602 | LSIG | 41546 | 41606 | |

E3S 16 $I_u (40\text{ }^\circ\text{C}) = 1600\text{ A}$ $I_{cu} (415\text{ V}) = 75\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|---------|---------|-----------------------|--|
| | | 3 poles | 4 poles | | |
| E3S 16 W MP | In 1600 A | LI | 41054 | 41114 | |
| | | LSI | 41056 | 41116 | |
| | | LSIG | 41058 | 41118 | |

| Microprocessor-based release | | PR112 P | | PR112 PD | | code 1SDA0 R1 | | |
|------------------------------|-----------|---------|---------|----------|---------|-----------------------|-------|--|
| | | 3 poles | 4 poles | 3 poles | 4 poles | | | |
| E3S 16 W MP | In 1600 A | LSI | 41060 | 41120 | LSI | 41064 | 41124 | |
| | | LSIG | 41062 | 41122 | LSIG | 41066 | 41126 | |

E3S 16H $I_u (40\text{ }^\circ\text{C}) = 1600\text{ A}$ $I_{cu} (415\text{ V}) = 100\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|---------|---------|-----------------------|--|
| | | 3 poles | 4 poles | | |
| E3H 16 W MP | In 1600 A | LI | 41654 | 41714 | |
| | | LSI | 41656 | 41716 | |
| | | LSIG | 41658 | 41718 | |

| Microprocessor-based release | | PR112 P | | PR112 PD | | code 1SDA0 R1 | | |
|------------------------------|-----------|---------|---------|----------|---------|-----------------------|-------|--|
| | | 3 poles | 4 poles | 3 poles | 4 poles | | | |
| E3H 16 W MP | In 1600 A | LSI | 41660 | 41720 | LSI | 41664 | 41724 | |
| | | LSIG | 41662 | 41722 | LSIG | 41666 | 41726 | |

Order codes

SACE Emax E3 circuit-breaker

W = WITHDRAWABLE



EMAX0215

Moving part

E3S 20 $I_u(40\text{ }^\circ\text{C}) = 2000\text{ A}$ $I_{cu}(415\text{ V}) = 75\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|---------|---------|-----------------------|--|
| | | 3 poles | 4 poles | | |
| E3S 20 W MP | In 2000 A | LI | 41174 | 41234 | |
| | | LSI | 41176 | 41236 | |
| | | LSIG | 41178 | 41238 | |

| Microprocessor-based release | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|------------------------------|-----------|---------|---------|-----------------------|---------|----------|-------|-----------------------|--|
| | | 3 poles | 4 poles | 3 poles | 4 poles | | | | |
| E3S 20 W MP | In 2000 A | LSI | 41180 | 41240 | LSI | 41184 | 41244 | | |
| | | LSIG | 41182 | 41242 | LSIG | 41186 | 41246 | | |

E3H 20 $I_u(40\text{ }^\circ\text{C}) = 2000\text{ A}$ $I_{cu}(415\text{ V}) = 100\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|---------|---------|-----------------------|--|
| | | 3 poles | 4 poles | | |
| E3H 20 W MP | In 2000 A | LI | 41774 | 41834 | |
| | | LSI | 41776 | 41836 | |
| | | LSIG | 41778 | 41838 | |

| Microprocessor-based release | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|------------------------------|-----------|---------|---------|-----------------------|---------|----------|-------|-----------------------|--|
| | | 3 poles | 4 poles | 3 poles | 4 poles | | | | |
| E3H 20 W MP | In 2000 A | LSI | 41780 | 41840 | LSI | 41784 | 41844 | | |
| | | LSIG | 41782 | 41842 | LSIG | 41786 | 41846 | | |

E3L 20 $I_u(40\text{ }^\circ\text{C}) = 2000\text{ A}$ $I_{cu}(415\text{ V}) = 130\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|---------|---------|-----------------------|--|
| | | 3 poles | 4 poles | | |
| E3L 20 W MP | In 2000 A | LI | 42134 | 42194 | |
| | | LSI | 42136 | 42196 | |
| | | LSIG | 42138 | 42198 | |

| Microprocessor-based release | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|------------------------------|-----------|---------|---------|-----------------------|---------|----------|-------|-----------------------|--|
| | | 3 poles | 4 poles | 3 poles | 4 poles | | | | |
| E3L 20 W MP | In 2000 A | LSI | 42140 | 42200 | LSI | 42144 | 42204 | | |
| | | LSIG | 42142 | 42202 | LSIG | 42146 | 42206 | | |

E3N 25 $I_u(40\text{ }^\circ\text{C}) = 2500\text{ A}$ $I_{cu}(415\text{ V}) = 65\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|---------|---------|-----------------------|--|
| | | 3 poles | 4 poles | | |
| E3N 25 W MP | In 2500 A | LI | 40694 | 40754 | |
| | | LSI | 40696 | 40756 | |
| | | LSIG | 40698 | 40758 | |

| Microprocessor-based release | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|------------------------------|-----------|---------|---------|-----------------------|---------|----------|-------|-----------------------|--|
| | | 3 poles | 4 poles | 3 poles | 4 poles | | | | |
| E3N 25 W MP | In 2500 A | LSI | 40700 | 40760 | LSI | 40704 | 40764 | | |
| | | LSIG | 40702 | 40762 | LSIG | 40706 | 40766 | | |

Order codes

SACE Emax E3 circuit-breaker

W = WITHDRAWABLE



EMAX02365

Moving part

E3S 25 $I_u (40\text{ }^\circ\text{C}) = 2500\text{ A}$ $I_{cu} (415\text{ V}) = 75\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|---------|---------|-----------------------|--|
| | | 3 poles | 4 poles | | |
| E3S 25 W MP | In 2500 A | LI | 41294 | 41354 | |
| | | LSI | 41296 | 41356 | |
| | | LSIG | 41298 | 41358 | |

| Microprocessor-based release | | PR112 P | | PR112 PD | | code 1SDA0 R1 | | |
|------------------------------|-----------|---------|---------|----------|---------|-----------------------|-------|--|
| | | 3 poles | 4 poles | 3 poles | 4 poles | | | |
| E3S 25 W MP | In 2500 A | LSI | 41300 | 41360 | LSI | 41304 | 41364 | |
| | | LSIG | 41302 | 41362 | LSIG | 41306 | 41366 | |

E3H 25 $I_u (40\text{ }^\circ\text{C}) = 2500\text{ A}$ $I_{cu} (415\text{ V}) = 100\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|---------|---------|-----------------------|--|
| | | 3 poles | 4 poles | | |
| E3H 25 W MP | In 2500 A | LI | 41894 | 41954 | |
| | | LSI | 41896 | 41956 | |
| | | LSIG | 41898 | 41958 | |

| Microprocessor-based release | | PR112 P | | PR112 PD | | code 1SDA0 R1 | | |
|------------------------------|-----------|---------|---------|----------|---------|-----------------------|-------|--|
| | | 3 poles | 4 poles | 3 poles | 4 poles | | | |
| E3H 25 W MP | In 2500 A | LSI | 41900 | 41960 | LSI | 41904 | 41964 | |
| | | LSIG | 41902 | 41962 | LSIG | 41906 | 41966 | |

E3L 25 $I_u (40\text{ }^\circ\text{C}) = 2500\text{ A}$ $I_{cu} (415\text{ V}) = 130\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|---------|---------|-----------------------|--|
| | | 3 poles | 4 poles | | |
| E3L 25 W MP | In 2500 A | LI | 42254 | 42314 | |
| | | LSI | 42256 | 42316 | |
| | | LSIG | 42258 | 42318 | |

| Microprocessor-based release | | PR112 P | | PR112 PD | | code 1SDA0 R1 | | |
|------------------------------|-----------|---------|---------|----------|---------|-----------------------|-------|--|
| | | 3 poles | 4 poles | 3 poles | 4 poles | | | |
| E3L 25 W MP | In 2500 A | LSI | 42260 | 42320 | LSI | 42264 | 42324 | |
| | | LSIG | 42262 | 42322 | LSIG | 42266 | 42326 | |

E3N 32 $I_u (40\text{ }^\circ\text{C}) = 3200\text{ A}$ $I_{cu} (415\text{ V}) = 65\text{ kA}$

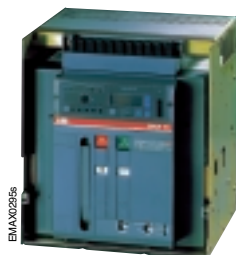
| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|---------|---------|-----------------------|--|
| | | 3 poles | 4 poles | | |
| E3N 32 W MP | In 3200 A | LI | 40829 | 40874 | |
| | | LSI | 40831 | 40876 | |
| | | LSIG | 40833 | 40878 | |

| Microprocessor-based release | | PR112 P | | PR112 PD | | code 1SDA0 R1 | | |
|------------------------------|-----------|---------|---------|----------|---------|-----------------------|-------|--|
| | | 3 poles | 4 poles | 3 poles | 4 poles | | | |
| E3N 32 W MP | In 3200 A | LSI | 40835 | 40880 | LSI | 40839 | 40884 | |
| | | LSIG | 40837 | 40882 | LSIG | 40841 | 40886 | |

Order codes

SACE Emax E3 circuit-breaker

W = WITHDRAWABLE



EMAX0295

Moving part

E3S 32 $I_u (40\text{ }^\circ\text{C}) = 3200\text{ A}$ $I_{cu} (415\text{ V}) = 75\text{ kA}$

| Microprocessor-based release | | | code 1SDA0 R1 | |
|------------------------------|-----------|------|-----------------------|---------|
| | | | 3 poles | 4 poles |
| E3S 32 W MP | In 3200 A | LI | 41414 | 41474 |
| | | LSI | 41416 | 41476 |
| | | LSIG | 41418 | 41478 |

| Microprocessor-based release | | | code 1SDA0 R1 | | | code 1SDA0 R1 | |
|------------------------------|-----------|------|-----------------------|---------|------|-----------------------|---------|
| | | | 3 poles | 4 poles | | 3 poles | 4 poles |
| E3S 32 W MP | In 3200 A | LSI | 41420 | 41480 | LSI | 41424 | 41484 |
| | | LSIG | 41422 | 41482 | LSIG | 41426 | 41486 |

E3H 32 $I_u (40\text{ }^\circ\text{C}) = 3200\text{ A}$ $I_{cu} (415\text{ V}) = 100\text{ kA}$

| Microprocessor-based release | | | code 1SDA0 R1 | |
|------------------------------|-----------|------|-----------------------|---------|
| | | | 3 poles | 4 poles |
| E3H 32 W MP | In 3200 A | LI | 42014 | 42074 |
| | | LSI | 42016 | 42076 |
| | | LSIG | 42018 | 42078 |

| Microprocessor-based release | | | code 1SDA0 R1 | | | code 1SDA0 R1 | |
|------------------------------|-----------|------|-----------------------|---------|------|-----------------------|---------|
| | | | 3 poles | 4 poles | | 3 poles | 4 poles |
| E3H 32 W MP | In 3200 A | LSI | 42020 | 42080 | LSI | 42024 | 42084 |
| | | LSIG | 42022 | 42082 | LSIG | 42026 | 42086 |

Fixed parts

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E3 W FP HR | 37823 | 37828 |
| <i>VR = Vertical rear terminals</i> | | |
| E3 W FP VR | 37874 | 37878 |
| <i>F = Front terminals</i> | | |
| E3 W FP F | 37924 | 37929 |
| <i>FL = Flat terminals</i> | | |
| E3 W FP FL | 37974 | 37979 |

Order codes

SACE Emax E4 circuit-breaker

F = FIXED



EMAX03016

E4H 32 $I_n (40\text{ }^\circ\text{C}) = 3200\text{ A}$ $I_{cu} (415\text{ V}) = 100\text{ kA}$

Microprocessor-based release **PR111 P** code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E4H 32 F HR | In 3200 A | LI | 42450 | 43417 |
| | | LSI | 42452 | 43419 |
| | | LSIG | 42454 | 43421 |

VR = Vertical rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E4H 32 F VR | In 3200 A | LI | 42465 | 42510 |
| | | LSI | 42467 | 42512 |
| | | LSIG | 42469 | 42514 |

F = Front terminals

| | | | | |
|------------|-----------|------|-------|-------|
| E4H 32 F F | In 3200 A | LI | 42480 | 42525 |
| | | LSI | 42482 | 42527 |
| | | LSIG | 42484 | 42529 |

Microprocessor-based release **PR112 P** code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E4H 32 F HR | In 3200 A | LSI | 42456 | 43423 | LSI | 42460 | 43427 |
| | | LSIG | 42458 | 43425 | LSIG | 42462 | 43429 |

VR = Vertical rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E4H 32 F VR | In 3200 A | LSI | 42471 | 42516 | LSI | 42475 | 42520 |
| | | LSIG | 42473 | 42518 | LSIG | 42477 | 42522 |

F = Front terminals

| | | | | | | | |
|------------|-----------|------|-------|-------|------|-------|-------|
| E4H 32 F F | In 3200 A | LSI | 42486 | 42531 | LSI | 42490 | 42535 |
| | | LSIG | 42488 | 42533 | LSIG | 42492 | 42537 |

E4S 40 $I_n (40\text{ }^\circ\text{C}) = 4000\text{ A}$ $I_{cu} (415\text{ V}) = 75\text{ kA}$

Microprocessor-based release **PR111 P** code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E4S 40 F HR | In 4000 A | LI | 42330 | 42390 |
| | | LSI | 42332 | 42392 |
| | | LSIG | 42334 | 42394 |

VR = Vertical rear terminals

| | | | | |
|-------------|-----------|------|-------|-------|
| E4S 40 F VR | In 4000 A | LI | 42345 | 42405 |
| | | LSI | 42347 | 42407 |
| | | LSIG | 42349 | 42409 |

F = Front terminals

| | | | | |
|------------|-----------|------|-------|-------|
| E4S 40 F F | In 4000 A | LI | 42360 | 42420 |
| | | LSI | 42362 | 42422 |
| | | LSIG | 42364 | 42424 |

Microprocessor-based release **PR112 P** code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E4S 40 F HR | In 4000 A | LSI | 42336 | 42396 | LSI | 42340 | 42400 |
| | | LSIG | 42338 | 42398 | LSIG | 42342 | 42402 |

VR = Vertical rear terminals

| | | | | | | | |
|-------------|-----------|------|-------|-------|------|-------|-------|
| E4S 40 F VR | In 4000 A | LSI | 42351 | 42411 | LSI | 42355 | 42415 |
| | | LSIG | 42353 | 42413 | LSIG | 42357 | 42417 |

F = Front terminals

| | | | | | | | |
|------------|-----------|------|-------|-------|------|-------|-------|
| E4S 40 F F | In 4000 A | LSI | 42366 | 42426 | LSI | 42370 | 42430 |
| | | LSIG | 42368 | 42428 | LSIG | 42372 | 42432 |

Order codes

SACE Emax E4 circuit-breaker

F = FIXED



EMAX0201s

E4H 40 $I_n (40\text{ }^\circ\text{C}) = 4000\text{ A}$ $I_{cu} (415\text{ V}) = 100\text{ kA}$

Microprocessor-based release PR111
P code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| E4H 40 F HR | In 4000 A | LI | 42555 | 42615 |
|-------------|-----------|------|-------|-------|
| | | LSI | 42557 | 42617 |
| | | LSIG | 42559 | 42619 |

VR = Vertical rear terminals

| E4H 40 F VR | In 4000 A | LI | 42570 | 42630 |
|-------------|-----------|------|-------|-------|
| | | LSI | 42572 | 42632 |
| | | LSIG | 42574 | 42634 |

F = Front terminals

| E4H 40 F F | In 4000 A | LI | 42585 | 42645 |
|------------|-----------|------|-------|-------|
| | | LSI | 42587 | 42647 |
| | | LSIG | 42589 | 42649 |

Microprocessor-based release PR112
P code 1SDA0 R1 PR112
PD code 1SDA0 R1
3 poles 4 poles 3 poles 4 poles

HR = Horizontal rear terminals

| E4H 40 F HR | In 4000 A | LSI | 42561 | 42621 | LSI | 42565 | 42625 |
|-------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 42563 | 42623 | LSIG | 42567 | 42627 |

VR = Vertical rear terminals

| E4H 40 F VR | In 4000 A | LSI | 42576 | 42636 | LSI | 42580 | 42640 |
|-------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 42578 | 42638 | LSIG | 42582 | 42642 |

F = Front terminals

| E4H 40 F F | In 4000 A | LSI | 42591 | 42651 | LSI | 42595 | 42655 |
|------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 42593 | 42653 | LSIG | 42597 | 42657 |

Order codes

SACE Emax E4 circuit-breaker

W = WITHDRAWABLE



EMAX0376

Moving part

E4H 32 $I_u (40\text{ }^\circ\text{C}) = 3200\text{ A}$ $I_{cu} (415\text{ V}) = 100\text{ kA}$

| | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-----------------------|--|
| Microprocessor-based release | | 3 poles | 4 poles | | |
| E4H 32 W MP | In 3200 A | LI | 42495 | 42540 | |
| | | LSI | 42497 | 42542 | |
| | | LSIG | 42499 | 42544 | |

| | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-----------------------|---------|-------------|-------|-----------------------|--|
| Microprocessor-based release | | 3 poles | 4 poles | 3 poles | 4 poles | | | | |
| E4H 32 W MP | In 3200 A | LSI | 42501 | 42546 | LSI | 42505 | 42550 | | |
| | | LSIG | 42503 | 42548 | LSIG | 42507 | 42552 | | |

E4S 40 $I_u (40\text{ }^\circ\text{C}) = 4000\text{ A}$ $I_{cu} (415\text{ V}) = 75\text{ kA}$

| | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-----------------------|--|
| Microprocessor-based release | | 3 poles | 4 poles | | |
| E4S 40 W MP | In 4000 A | LI | 42375 | 42435 | |
| | | LSI | 42377 | 42437 | |
| | | LSIG | 42379 | 42439 | |

| | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-----------------------|---------|-------------|-------|-----------------------|--|
| Microprocessor-based release | | 3 poles | 4 poles | 3 poles | 4 poles | | | | |
| E4S 40 W MP | In 4000 A | LSI | 42381 | 42441 | LSI | 42385 | 42445 | | |
| | | LSIG | 42383 | 42443 | LSIG | 42387 | 42447 | | |

E4H 40 $I_u (40\text{ }^\circ\text{C}) = 4000\text{ A}$ $I_{cu} (415\text{ V}) = 75\text{ kA}$

| | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-----------------------|--|
| Microprocessor-based release | | 3 poles | 4 poles | | |
| E4H 40 W MP | In 4000 A | LI | 42600 | 42660 | |
| | | LSI | 42602 | 42662 | |
| | | LSIG | 42604 | 42664 | |

| | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|------------------------------|-----------|------------|---------|-----------------------|---------|-------------|-------|-----------------------|--|
| Microprocessor-based release | | 3 poles | 4 poles | 3 poles | 4 poles | | | | |
| E4H 40 W MP | In 4000 A | LSI | 42606 | 42666 | LSI | 42610 | 42670 | | |
| | | LSIG | 42608 | 42668 | LSIG | 42612 | 42672 | | |

Fixed parts

| | | code 1SDA0 R1 | |
|---------------------------------------|--|-----------------------|---------|
| | | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | | |
| E4 W FP HR | | 37824 | 37829 |
| <i>VR = Vertical rear terminals</i> | | | |
| E4 W FP VR | | 37875 | 37879 |
| <i>F = Front terminals</i> | | | |
| E4 W FP F | | 37925 | 37930 |
| <i>FL = Flat terminals</i> | | | |
| E4 W FP FL | | 37975 | 37980 |

Order codes

SACE Emax E6 circuit-breaker

F = FIXED



EMAX0314s

E6V 32 $I_u (40\text{ }^\circ\text{C}) = 3200\text{ A}$ $I_{cu} (415\text{ V}) = 150\text{ kA}$

Microprocessor-based release **PR111 P** code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| E6V 32 F HR | In 3200 A | LI | 42914 | 42946 |
|-------------|-----------|------|-------|-------|
| | | LSI | 42915 | 42947 |
| | | LSIG | 42916 | 42948 |

VR = Vertical rear terminals

| E6V 32 F VR | In 3200 A | LI | 42922 | 42954 |
|-------------|-----------|------|-------|-------|
| | | LSI | 42923 | 42955 |
| | | LSIG | 42924 | 42956 |

F = Front terminals

| E6V 32 F F | In 3200 A | LI | 42930 | 42962 |
|------------|-----------|------|-------|-------|
| | | LSI | 42931 | 42963 |
| | | LSIG | 42932 | 42964 |

Microprocessor-based release **PR112 P** code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| E6V 32 F HR | In 3200 A | LSI | 42917 | 42949 | LSI | 42919 | 42951 |
|-------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 42918 | 42950 | LSIG | 42920 | 42952 |

VR = Vertical rear terminals

| E6V 32 F VR | In 3200 A | LSI | 42925 | 42957 | LSI | 42927 | 42959 |
|-------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 42926 | 42958 | LSIG | 42928 | 42960 |

F = Front terminals

| E6V 32 F F | In 3200 A | LSI | 42933 | 42965 | LSI | 42935 | 42967 |
|------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 42934 | 42966 | LSIG | 42936 | 42968 |

E6V 40 $I_u (40\text{ }^\circ\text{C}) = 4000\text{ A}$ $I_{cu} (415\text{ V}) = 150\text{ kA}$

Microprocessor-based release **PR111 P** code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| E6V 40 F HR | In 4000 A | LI | 42979 | 43039 |
|-------------|-----------|------|-------|-------|
| | | LSI | 42981 | 43041 |
| | | LSIG | 42983 | 43043 |

VR = Vertical rear terminals

| E6V 40 F VR | In 4000 A | LI | 42994 | 43054 |
|-------------|-----------|------|-------|-------|
| | | LSI | 42996 | 43056 |
| | | LSIG | 42998 | 43058 |

F = Front terminals

| E6V 40 F F | In 4000 A | LI | 43009 | 43069 |
|------------|-----------|------|-------|-------|
| | | LSI | 43011 | 43071 |
| | | LSIG | 43013 | 43073 |

Microprocessor-based release **PR112 P** code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| E6V 40 F HR | In 4000 A | LSI | 42985 | 43045 | LSI | 42989 | 43049 |
|-------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 42987 | 43047 | LSIG | 42991 | 43051 |

VR = Vertical rear terminals

| E6V 40 F VR | In 4000 A | LSI | 43000 | 43060 | LSI | 43004 | 43064 |
|-------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 43002 | 43062 | LSIG | 43006 | 43066 |

F = Front terminals

| E6V 40 F F | In 4000 A | LSI | 43015 | 43075 | LSI | 43019 | 43079 |
|------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 43017 | 43077 | LSIG | 43021 | 43081 |

Order codes

SACE Emax E6 circuit-breaker

F = FIXED



EMAX03146

E6H 50 $I_n (40\text{ }^\circ\text{C}) = 5000\text{ A}$ $I_{cu} (415\text{ V}) = 100\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|---------------------------------------|-----------|---------|-------|-----------------------|--|
| | | 3 poles | | 4 poles | |
| <i>HR = Horizontal rear terminals</i> | | | | | |
| E6H 50 F HR | In 5000 A | LI | 42675 | 42735 | |
| | | LSI | 42677 | 42737 | |
| | | LSIG | 42679 | 42739 | |
| <i>VR = Vertical rear terminals</i> | | | | | |
| E6H 50 F VR | In 5000 A | LI | 42690 | 42750 | |
| | | LSI | 42692 | 42752 | |
| | | LSIG | 42694 | 42754 | |
| <i>F = Front terminals</i> | | | | | |
| E6H 50 F F | In 5000 A | LI | 42705 | 42765 | |
| | | LSI | 42707 | 42767 | |
| | | LSIG | 42709 | 42769 | |

| Microprocessor-based release | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|---------------------------------------|-----------|---------|-------|-----------------------|------|----------|-------|-----------------------|--|
| | | 3 poles | | 4 poles | | 3 poles | | 4 poles | |
| <i>HR = Horizontal rear terminals</i> | | | | | | | | | |
| E6H 50 F HR | In 5000 A | LSI | 42681 | 42741 | LSI | 42685 | 42745 | | |
| | | LSIG | 42683 | 42743 | LSIG | 42687 | 42747 | | |
| | | | | | | | | | |
| <i>VR = Vertical rear terminals</i> | | | | | | | | | |
| E6H 50 F VR | In 5000 A | LSI | 42696 | 42756 | LSI | 42700 | 42760 | | |
| | | LSIG | 42698 | 42758 | LSIG | 42702 | 42762 | | |
| | | | | | | | | | |
| <i>F = Front terminals</i> | | | | | | | | | |
| E6H 50 F F | In 5000 A | LSI | 42711 | 42771 | LSI | 42715 | 42775 | | |
| | | LSIG | 42713 | 42773 | LSIG | 42717 | 42777 | | |
| | | | | | | | | | |

E6V 50 $I_n (40\text{ }^\circ\text{C}) = 5000\text{ A}$ $I_{cu} (415\text{ V}) = 150\text{ kA}$

| Microprocessor-based release | | PR111 P | | code 1SDA0 R1 | |
|---------------------------------------|-----------|---------|-------|-----------------------|--|
| | | 3 poles | | 4 poles | |
| <i>HR = Horizontal rear terminals</i> | | | | | |
| E6V 50 F HR | In 5000 A | LI | 43099 | 43159 | |
| | | LSI | 43101 | 43161 | |
| | | LSIG | 43103 | 43163 | |
| <i>VR = Vertical rear terminals</i> | | | | | |
| E6V 50 F VR | In 5000 A | LI | 43114 | 43174 | |
| | | LSI | 43116 | 43176 | |
| | | LSIG | 43118 | 43178 | |
| <i>F = Front terminals</i> | | | | | |
| E6V 50 F F | In 5000 A | LI | 43129 | 43189 | |
| | | LSI | 43131 | 43191 | |
| | | LSIG | 43133 | 43193 | |

| Microprocessor-based release | | PR112 P | | code 1SDA0 R1 | | PR112 PD | | code 1SDA0 R1 | |
|---------------------------------------|-----------|---------|-------|-----------------------|------|----------|-------|-----------------------|--|
| | | 3 poles | | 4 poles | | 3 poles | | 4 poles | |
| <i>HR = Horizontal rear terminals</i> | | | | | | | | | |
| E6V 50 F HR | In 5000 A | LSI | 43105 | 43165 | LSI | 43109 | 43169 | | |
| | | LSIG | 43107 | 43167 | LSIG | 43111 | 43171 | | |
| | | | | | | | | | |
| <i>VR = Vertical rear terminals</i> | | | | | | | | | |
| E6V 50 F VR | In 5000 A | LSI | 43120 | 43180 | LSI | 43124 | 43184 | | |
| | | LSIG | 43122 | 43182 | LSIG | 43126 | 43186 | | |
| | | | | | | | | | |
| <i>F = Front terminals</i> | | | | | | | | | |
| E6V 50 F F | In 5000 A | LSI | 43135 | 43195 | LSI | 43139 | 43199 | | |
| | | LSIG | 43137 | 43197 | LSIG | 43141 | 43201 | | |
| | | | | | | | | | |

Order codes

SACE Emax E6 circuit-breaker

F = FIXED



E6H 63 $I_u (40^\circ\text{C}) = 6300\text{ A}$ $I_{cu} (415\text{ V}) = 100\text{ kA}$

Microprocessor-based release **PR111 P** code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| E6H 63 F HR | In 6300 A | LI | 42795 | 42855 |
|-------------|-----------|------|-------|-------|
| | | LSI | 42797 | 42857 |
| | | LSIG | 42799 | 42859 |

VR = Vertical rear terminals

| E6H 63 F VR | In 6300 A | LI | 42810 | 42870 |
|-------------|-----------|------|-------|-------|
| | | LSI | 42812 | 42872 |
| | | LSIG | 42814 | 42874 |

F = Front terminals

| E6H 63 F F | In 6300 A | LI | 42825 | 42885 |
|------------|-----------|------|-------|-------|
| | | LSI | 42827 | 42887 |
| | | LSIG | 42829 | 42889 |

Microprocessor-based release **PR112 P** code 1SDA0 R1 **PR112 PD** code 1SDA0 R1
3 poles 4 poles 3 poles 4 poles

HR = Horizontal rear terminals

| E6H 63 F HR | In 6300 A | LSI | 42801 | 42861 | LSI | 42805 | 42865 |
|-------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 42803 | 42863 | LSIG | 42807 | 42867 |

VR = Vertical rear terminals

| E6H 63 F VR | In 6300 A | LSI | 42816 | 42876 | LSI | 42820 | 42880 |
|-------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 42818 | 42878 | LSIG | 42822 | 42882 |

F = Front terminals

| E6H 63 F F | In 6300 A | LSI | 42831 | 42891 | LSI | 42835 | 42895 |
|------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 42833 | 42893 | LSIG | 42837 | 42897 |

E6V63 $I_u (40^\circ\text{C}) = 6300\text{ A}$ $I_{cu} (415\text{ V}) = 150\text{ kA}$

Microprocessor-based release **PR111 P** code 1SDA0 R1
3 poles 4 poles

HR = Horizontal rear terminals

| E6V 63 F HR | In 6300 A | LI | 43219 | 43279 |
|-------------|-----------|------|-------|-------|
| | | LSI | 43221 | 43281 |
| | | LSIG | 43223 | 43283 |

VR = Vertical rear terminals

| E6V 63 F VR | In 6300 A | LI | 43234 | 43294 |
|-------------|-----------|------|-------|-------|
| | | LSI | 43236 | 43296 |
| | | LSIG | 43238 | 43298 |

F = Front terminals

| E6V 63 F F | In 6300 A | LI | 43249 | 43432 |
|------------|-----------|------|-------|-------|
| | | LSI | 43251 | 43434 |
| | | LSIG | 43253 | 43436 |

Microprocessor-based release **PR112 P** code 1SDA0 R1 **PR112 PD** code 1SDA0 R1
3 poles 4 poles 3 poles 4 poles

HR = Horizontal rear terminals

| E6V 63 F HR | In 6300 A | LSI | 43225 | 43285 | LSI | 43229 | 43289 |
|-------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 43227 | 43287 | LSIG | 43231 | 43291 |

VR = Vertical rear terminals

| E6V 63 F VR | In 6300 A | LSI | 43240 | 43300 | LSI | 43244 | 43304 |
|-------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 43242 | 43302 | LSIG | 43246 | 43306 |

F = Front terminals

| E6V 63 F F | In 6300 A | LSI | 43255 | 43438 | LSI | 43259 | 43442 |
|------------|-----------|------|-------|-------|------|-------|-------|
| | | LSIG | 43257 | 43440 | LSIG | 43261 | 43444 |

Order codes

SACE Emax E6 circuit-breaker

W = WITHDRAWABLE



EMAX03145

Moving part

E6V 32 $I_u (40\text{ }^\circ\text{C}) = 3200\text{ A}$ $I_{cu} (415\text{ V}) = 150\text{ kA}$

| | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|----------------|---------|-----------------------|--|
| Microprocessor-based release | | 3 poles | 4 poles | | |
| E6V 32 W MP | In 3200 A | LI | 42938 | 42970 | |
| | | LSI | 42939 | 42971 | |
| | | LSIG | 42940 | 42972 | |

| | | PR112 P | | PR112 PD | | code 1SDA0 R1 | | |
|------------------------------|-----------|----------------|---------|-----------------|---------|-----------------------|-------|--|
| Microprocessor-based release | | 3 poles | 4 poles | 3 poles | 4 poles | | | |
| E6V 32 W MP | In 3200 A | LSI | 42941 | 42973 | LSI | 42943 | 42975 | |
| | | LSIG | 42942 | 42974 | LSIG | 42944 | 42976 | |

E6V 40 $I_u (40\text{ }^\circ\text{C}) = 4000\text{ A}$ $I_{cu} (415\text{ V}) = 150\text{ kA}$

| | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|----------------|---------|-----------------------|--|
| Microprocessor-based release | | 3 poles | 4 poles | | |
| E6V 40 W MP | In 4000 A | LI | 43024 | 43084 | |
| | | LSI | 43026 | 43086 | |
| | | LSIG | 43028 | 43088 | |

| | | PR112 P | | PR112 PD | | code 1SDA0 R1 | | |
|------------------------------|-----------|----------------|---------|-----------------|---------|-----------------------|-------|--|
| Microprocessor-based release | | 3 poles | 4 poles | 3 poles | 4 poles | | | |
| E6V 40 W MP | In 4000 A | LSI | 43030 | 43090 | LSI | 43034 | 43094 | |
| | | LSIG | 43032 | 43092 | LSIG | 43036 | 43096 | |

E6H 50 $I_u (40\text{ }^\circ\text{C}) = 5000\text{ A}$ $I_{cu} (415\text{ V}) = 100\text{ kA}$

| | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|----------------|---------|-----------------------|--|
| Microprocessor-based release | | 3 poles | 4 poles | | |
| E6V 50 W MP | In 5000 A | LI | 42720 | 42780 | |
| | | LSI | 42722 | 42782 | |
| | | LSIG | 42724 | 42784 | |

| | | PR112 P | | PR112 PD | | code 1SDA0 R1 | | |
|------------------------------|-----------|----------------|---------|-----------------|---------|-----------------------|-------|--|
| Microprocessor-based release | | 3 poles | 4 poles | 3 poles | 4 poles | | | |
| E6V 50 W MP | In 5000 A | LSI | 42726 | 42786 | LSI | 42730 | 42790 | |
| | | LSIG | 42728 | 42788 | LSIG | 42732 | 42792 | |

E6V 50 $I_u (40\text{ }^\circ\text{C}) = 5000\text{ A}$ $I_{cu} (415\text{ V}) = 150\text{ kA}$

| | | PR111 P | | code 1SDA0 R1 | |
|------------------------------|-----------|----------------|---------|-----------------------|--|
| Microprocessor-based release | | 3 poles | 4 poles | | |
| E6V 50 W MP | In 5000 A | LI | 43144 | 43204 | |
| | | LSI | 43146 | 43206 | |
| | | LSIG | 43148 | 43208 | |

| | | PR112 P | | PR112 PD | | code 1SDA0 R1 | | |
|------------------------------|-----------|----------------|---------|-----------------|---------|-----------------------|-------|--|
| Microprocessor-based release | | 3 poles | 4 poles | 3 poles | 4 poles | | | |
| E6V 50 W MP | In 5000 A | LSI | 43150 | 43210 | LSI | 43154 | 43214 | |
| | | LSIG | 43152 | 43212 | LSIG | 43156 | 43216 | |

Order codes

SACE Emax E6 circuit-breaker

W = WITHDRAWABLE



EMAX03145

Moving part

E6H 63 $I_u (40\text{ }^\circ\text{C}) = 6300\text{ A}$ $I_{cu} (415\text{ V}) = 100\text{ kA}$

| Microprocessor-based release | | | PR111 P | code 1SDA0 R1 | |
|------------------------------|-----------|------|------------|-----------------------|---------|
| | | | | 3 poles | 4 poles |
| E6H 63 W MP | In 6300 A | LI | | 42840 | 42900 |
| | | LSI | | 42842 | 42902 |
| | | LSIG | | 42844 | 42904 |

| Microprocessor-based release | | | PR112 P | code 1SDA0 R1 | | | PR112 PD | code 1SDA0 R1 | |
|------------------------------|-----------|------|------------|-----------------------|---------|------|-------------|-----------------------|---------|
| | | | | 3 poles | 4 poles | | | 3 poles | 4 poles |
| E6H 63 W MP | In 6300 A | LSI | | 42846 | 42906 | LSI | | 42850 | 42910 |
| | | LSIG | | 42848 | 42908 | LSIG | | 42852 | 42912 |

E6V 63 $I_u (40\text{ }^\circ\text{C}) = 6300\text{ A}$ $I_{cu} (415\text{ V}) = 150\text{ kA}$

| Microprocessor-based release | | | PR111 P | code 1SDA0 R1 | |
|------------------------------|-----------|------|------------|-----------------------|---------|
| | | | | 3 poles | 4 poles |
| E6H 63 W MP | In 6300 A | LI | | 43264 | 43309 |
| | | LSI | | 43266 | 43311 |
| | | LSIG | | 43268 | 43313 |

| Microprocessor-based release | | | PR112 P | code 1SDA0 R1 | | | PR112 PD | code 1SDA0 R1 | |
|------------------------------|-----------|------|------------|-----------------------|---------|------|-------------|-----------------------|---------|
| | | | | 3 poles | 4 poles | | | 3 poles | 4 poles |
| E6H 63 W MP | In 6300 A | LSI | | 43270 | 43315 | LSI | | 43274 | 43319 |
| | | LSIG | | 43272 | 43317 | LSIG | | 43276 | 43321 |

Fixed parts

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E6 W FP HR | 37825 | 37830 |
| <i>VR = Vertical rear terminals</i> | | |
| E6 W FP VR | 37876 | 37880 |
| <i>F = Front terminals</i> | | |
| E6 W FP F | 37926 | 37931 |
| <i>FL = Flat terminals</i> | | |
| E6 W FP FL | 37976 | 37981 |

Order codes

SACE Emax E1/MS switch-disconnector

F = FIXED

E1B/MS 08 $I_u (40\text{ }^\circ\text{C}) = 800\text{ A}$ $I_{cw} (1\text{ s}) = 36\text{ kA}$

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E1B/MS 08 F HR | 37528 | 37555 |
| <i>VR = Vertical rear terminals</i> | | |
| E1B/MS 08 F VR | 37587 | 37583 |
| <i>F = Front terminals</i> | | |
| E1B/MS 08 F F | 37698 | 37695 |

E1B/MS 12 $I_u (40\text{ }^\circ\text{C}) = 1250\text{ A}$ $I_{cw} (1\text{ s}) = 36\text{ kA}$

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E1B/MS 12 F HR | 37529 | 37556 |
| <i>VR = Vertical rear terminals</i> | | |
| E1B/MS 12 F VR | 37586 | 37588 |
| <i>F = Front terminals</i> | | |
| E1B/MS 12 F F | 37697 | 37696 |

W = WITHDRAWABLE

Moving part

E1B/MS 08 $I_u (40\text{ }^\circ\text{C}) = 800\text{ A}$ $I_{cw} (1\text{ s}) = 36\text{ kA}$

| | code 1SDA0 R1 | |
|----------------|-----------------------|---------|
| | 3 poles | 4 poles |
| E1B/MS 08 W MP | 37639 | 37642 |

E1B/MS 12 $I_u (40\text{ }^\circ\text{C}) = 1250\text{ A}$ $I_{cw} (1\text{ s}) = 36\text{ kA}$

| | code 1SDA0 R1 | |
|----------------|-----------------------|---------|
| | 3 poles | 4 poles |
| E1B/MS 12 W MP | 37640 | 37641 |

Fixed parts

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E1 W FP HR | 37821 | 37826 |
| <i>VR = Vertical rear terminals</i> | | |
| E1 W FP VR | 37872 | 37877 |
| <i>F = Front terminals</i> | | |
| E1 W FP F | 37922 | 37927 |
| <i>FL = Flat terminals</i> | | |
| E1 W FP FL | 37972 | 37977 |

Order codes

SACE Emax E2/MS switch-disconnector

F = FIXED

E2N/MS 12 $I_u(40\text{ }^\circ\text{C}) = 1250\text{ A}$ $I_{cw}(1\text{ s}) = 55\text{ kA}$

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E2N/MS 12 F HR | 37531 | 37559 |
| <i>VR = Vertical rear terminals</i> | | |
| E2N/MS 12 F VR | 37584 | 37590 |
| <i>F = Front terminals</i> | | |
| E2N/MS 12 F F | 37708 | 37703 |

E2B/MS 16 $I_u(40\text{ }^\circ\text{C}) = 1600\text{ A}$ $I_{cw}(1\text{ s}) = 40\text{ kA}$

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E2B/MS 16 F HR | 43472 | 37557 |
| <i>VR = Vertical rear terminals</i> | | |
| E2B/MS 16 F VR | 37585 | 37589 |
| <i>F = Front terminals</i> | | |
| E2B/MS 16 F F | 37699 | 37702 |

E2N/MS 16 $I_u(40\text{ }^\circ\text{C}) = 1600\text{ A}$ $I_{cw}(1\text{ s}) = 55\text{ kA}$

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E2N/MS 16 F HR | 37532 | 37560 |
| <i>VR = Vertical rear terminals</i> | | |
| E2N/MS 16 F VR | 37593 | 37594 |
| <i>F = Front terminals</i> | | |
| E2N/MS 16 F F | 37707 | 37704 |

E2B/MS 20 $I_u(40\text{ }^\circ\text{C}) = 2000\text{ A}$ $I_{cw}(1\text{ s}) = 40\text{ kA}$

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E2B/MS 20 F HR | 37530 | 37558 |
| <i>VR = Vertical rear terminals</i> | | |
| E2B/MS 20 F VR | 37592 | 37591 |
| <i>F = Front terminals</i> | | |
| E2B/MS 20 F F | 37700 | 37701 |

E2N/MS 20 $I_u(40\text{ }^\circ\text{C}) = 2000\text{ A}$ $I_{cw}(1\text{ s}) = 55\text{ kA}$

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E2N/MS 20 F HR | 37533 | 37561 |
| <i>VR = Vertical rear terminals</i> | | |
| E2N/MS 20 F VR | 37596 | 37595 |
| <i>F = Front terminals</i> | | |
| E2N/MS 20 F F | 37706 | 37705 |

Order codes

SACE Emax E2/MS switch-disconnector

W = WITHDRAWABLE

Moving part

E2N/MS 12 $I_u (40\text{ }^\circ\text{C}) = 1250\text{ A}$ $I_{cw} (1\text{ s}) = 55\text{ kA}$

| | | |
|----------------|-----------------------|----------------|
| | code 1SDA0 R1 | |
| | 3 poles | 4 poles |
| E2N/MS 12 W MP | 37648 | 37652 |

E2B/MS 16 $I_u (40\text{ }^\circ\text{C}) = 1600\text{ A}$ $I_{cw} (1\text{ s}) = 40\text{ kA}$

| | | |
|----------------|-----------------------|----------------|
| | code 1SDA0 R1 | |
| | 3 poles | 4 poles |
| E2B/MS 16 W MP | 37646 | 37643 |

E2N/MS 16 $I_u (40\text{ }^\circ\text{C}) = 1600\text{ A}$ $I_{cw} (1\text{ s}) = 55\text{ kA}$

| | | |
|----------------|-----------------------|----------------|
| | code 1SDA0 R1 | |
| | 3 poles | 4 poles |
| E2N/MS 16 W MP | 37647 | 37651 |

E2B/MS 20 $I_u (40\text{ }^\circ\text{C}) = 2000\text{ A}$ $I_{cw} (1\text{ s}) = 40\text{ kA}$

| | | |
|----------------|-----------------------|----------------|
| | code 1SDA0 R1 | |
| | 3 poles | 4 poles |
| E2B/MS 20 W MP | 37645 | 37644 |

E2N/MS 20 $I_u (40\text{ }^\circ\text{C}) = 2000\text{ A}$ $I_{cw} (1\text{ s}) = 55\text{ kA}$

| | | |
|----------------|-----------------------|----------------|
| | code 1SDA0 R1 | |
| | 3 poles | 4 poles |
| E2N/MS 20 W MP | 37649 | 37650 |

Fixed parts

| | | |
|---------------------------------------|-----------------------|----------------|
| | code 1SDA0 R1 | |
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E2 W FP HR | 37822 | 37827 |
| <i>VR = Vertical rear terminals</i> | | |
| E2 W FP VRE2 W FP VR | 37873 | 37886 |
| <i>F = Front terminals</i> | | |
| E2 W FP F | 37923 | 37928 |
| <i>FL = Flat terminals</i> | | |
| E2 W FP FL | 37973 | 37978 |

Order codes

SACE Emax E3/MS switch-disconnector

F = FIXED

E3S/MS 12 $I_u(40\text{ }^\circ\text{C}) = 1250\text{ A}$ $I_{cw}(1\text{ s}) = 75\text{ kA}$

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E3S/MS 12 F HR | 37536 | 37564 |
| <i>VR = Vertical rear terminals</i> | | |
| E3S/MS 12 F VR | 37601 | 37602 |
| <i>F = Front terminals</i> | | |
| E3S/MS 12 F F | 37722 | 37713 |

E3S/MS 16 $I_u(40\text{ }^\circ\text{C}) = 1600\text{ A}$ $I_{cw}(1\text{ s}) = 75\text{ kA}$

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E3S/MS 16 F HR | 37537 | 37565 |
| <i>VR = Vertical rear terminals</i> | | |
| E3S/MS 16 F VR | 37610 | 37603 |
| <i>F = Front terminals</i> | | |
| E3S/MS 16 F F | 37721 | 37714 |

E3S/MS 20 $I_u(40\text{ }^\circ\text{C}) = 2000\text{ A}$ $I_{cw}(1\text{ s}) = 75\text{ kA}$

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E3S/MS 20 F HR | 37538 | 37566 |
| <i>VR = Vertical rear terminals</i> | | |
| E3S/MS 20 F VR | 37609 | 37604 |
| <i>F = Front terminals</i> | | |
| E3S/MS 20 F F | 37720 | 37715 |

E3N/MS 25 $I_u(40\text{ }^\circ\text{C}) = 2500\text{ A}$ $I_{cw}(1\text{ s}) = 65\text{ kA}$

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E3N/MS 25 F HR | 37534 | 37562 |
| <i>VR = Vertical rear terminals</i> | | |
| E3N/MS 25 F VR | 37597 | 37598 |
| <i>F = Front terminals</i> | | |
| E3N/MS 25 F F | 37709 | 37712 |

E3S/MS 25 $I_u(40\text{ }^\circ\text{C}) = 2500\text{ A}$ $I_{cw}(1\text{ s}) = 75\text{ kA}$

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E3S/MS 25 F HR | 37539 | 37567 |
| <i>VR = Vertical rear terminals</i> | | |
| E3S/MS 25 F VR | 37608 | 37605 |
| <i>F = Front terminals</i> | | |
| E3S/MS 25 F F | 37719 | 37716 |

Order codes

SACE Emax E3/MS switch-disconnector

F = FIXED

E3S/MS 32 $I_u (40\text{ }^\circ\text{C}) = 3200\text{ A}$ $I_{cw} (1\text{ s}) = 65\text{ kA}$

| | code 1SDA0 R1 3 poles | 4 poles |
|---------------------------------------|----------------------------------|---------|
| <i>HR = Horizontal rear terminals</i> | | |
| E3S/MS 32 F HR | 37535 | 37563 |
| <i>VR = Vertical rear terminals</i> | | |
| E3S/MS 32 F VR | 37600 | 37599 |
| <i>F = Front terminals</i> | | |
| E3S/MS 32 F F | 37710 | 37711 |

E3S/MS 32 $I_u (40\text{ }^\circ\text{C}) = 3200\text{ A}$ $I_{cw} (1\text{ s}) = 75\text{ kA}$

| | code 1SDA0 R1 3 poles | 4 poles |
|---------------------------------------|----------------------------------|---------|
| <i>HR = Horizontal rear terminals</i> | | |
| E3S/MS 32 F HR | 37540 | 37568 |
| <i>VR = Vertical rear terminals</i> | | |
| E3S/MS 32 F VR | 37607 | 37606 |
| <i>F = Front terminals</i> | | |
| E3S/MS 32 F F | 37718 | 37717 |

Order codes

SACE Emax E3/MS switch-disconnector

W = WITHDRAWABLE

Moving part

E3S/MS 12 $I_u(40\text{ °C}) = 1250\text{ A}$ $I_{cw}(1\text{ s}) = 75\text{ kA}$

| | code 1SDA0 R1 | |
|----------------|-----------------------|---------|
| | 3 poles | 4 poles |
| E3S/MS 12 W MP | 37657 | 37664 |

E3S/MS 16 $I_u(40\text{ °C}) = 1600\text{ A}$ $I_{cw}(1\text{ s}) = 75\text{ kA}$

| | code 1SDA0 R1 | |
|----------------|-----------------------|---------|
| | 3 poles | 4 poles |
| E3S/MS 16 W MP | 37660 | 37665 |

E3S/MS 20 $I_u(40\text{ °C}) = 2000\text{ A}$ $I_{cw}(1\text{ s}) = 75\text{ kA}$

| | code 1SDA0 R1 | |
|----------------|-----------------------|---------|
| | 3 poles | 4 poles |
| E3S/MS 20 W MP | 37658 | 37666 |

E3S/MS 25 $I_u(40\text{ °C}) = 2500\text{ A}$ $I_{cw}(1\text{ s}) = 65\text{ kA}$

| | code 1SDA0 R1 | |
|----------------|-----------------------|---------|
| | 3 poles | 4 poles |
| E3S/MS 25 W MP | 37656 | 37653 |

E3S/MS 25 $I_u(40\text{ °C}) = 2500\text{ A}$ $I_{cw}(1\text{ s}) = 55\text{ kA}$

| | code 1SDA0 R1 | |
|----------------|-----------------------|---------|
| | 3 poles | 4 poles |
| E3S/MS 25 W MP | 37661 | 37662 |

E3N/MS 32 $I_u(40\text{ °C}) = 3200\text{ A}$ $I_{cw}(1\text{ s}) = 65\text{ kA}$

| | code 1SDA0 R1 | |
|----------------|-----------------------|---------|
| | 3 poles | 4 poles |
| E3N/MS 32 W MP | 37655 | 37654 |

E3S/MS 32 $I_u(40\text{ °C}) = 3200\text{ A}$ $I_{cw}(1\text{ s}) = 75\text{ kA}$

| | code 1SDA0 R1 | |
|----------------|-----------------------|---------|
| | 3 poles | 4 poles |
| E3S/MS 32 W MP | 37659 | 37663 |

Fixed parts

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E3 W FP HR | 37823 | 37828 |
| <i>VR = Vertical rear terminals</i> | | |
| E3 W FP VR | 37874 | 37878 |
| <i>F = Front terminals</i> | | |
| E3 W FP F | 37924 | 37929 |
| <i>FL = Flat terminals</i> | | |
| E3 W FP FL | 37974 | 37979 |

Order codes

SACE Emax E4/MS switch-disconnector

F = FIXED

E4H/MS 32 $I_u (40\text{ }^\circ\text{C}) = 3200\text{ A}$ $I_{cw} (1\text{ s}) = 100\text{ kA}$

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E4H/MS 32 F HR | 37547 | 37575 |
| <i>VR = Vertical rear terminals</i> | | |
| E4H/MS 32 F VR | 37623 | 37626 |
| <i>F = Front terminals</i> | | |
| E4H/MS 32 F F | 37743 | 37735 |

E4S/MS 40 $I_u (40\text{ }^\circ\text{C}) = 4000\text{ A}$ $I_{cw} (1\text{ s}) = 75\text{ kA}$

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E4S/MS 40 F HR | 37546 | 37574 |
| <i>VR = Vertical rear terminals</i> | | |
| E4S/MS 40 F VR | 37622 | 37621 |
| <i>F = Front terminals</i> | | |
| E4S/MS 40 F F | 37734 | 37733 |

E4H/MS 40 $I_u (40\text{ }^\circ\text{C}) = 4000\text{ A}$ $I_{cw} (1\text{ s}) = 100\text{ kA}$

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E4H/MS 40 F HR | 37548 | 37576 |
| <i>VR = Vertical rear terminals</i> | | |
| E4H/MS 40 F VR | 37624 | 37625 |
| <i>F = Front terminals</i> | | |
| E4H/MS 40 F F | 37742 | 37736 |

Order codes

SACE Emax E4/MS switch-disconnector

W = WITHDRAWABLE

Moving part

E4H/MS 32 $I_u (40\text{ °C}) = 3200\text{ A}$ $I_{cw} (1\text{ s}) = 100\text{ kA}$

| | code 1SDA0 R1 | |
|----------------|-------------------------|---------|
| | 3 poles | 4 poles |
| E4H/MS 32 W MP | 37682 | 37679 |

E4S/MS 40 $I_u (40\text{ °C}) = 4000\text{ A}$ $I_{cw} (1\text{ s}) = 75\text{ kA}$

| | code 1SDA0 R1 | |
|----------------|-------------------------|---------|
| | 3 poles | 4 poles |
| E4S/MS 40 W MP | 37677 | 37678 |

E4H/MS 40 $I_u (40\text{ °C}) = 4000\text{ A}$ $I_{cw} (1\text{ s}) = 100\text{ kA}$

| | code 1SDA0 R1 | |
|----------------|-------------------------|---------|
| | 3 poles | 4 poles |
| E4H/MS 40 W MP | 37681 | 37680 |

Fixed parts

| | code 1SDA0 R1 | |
|---------------------------------------|-------------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E4 W FP HR | 37824 | 37829 |
| <i>VR = Vertical rear terminals</i> | | |
| E4 W FP VR | 37875 | 37879 |
| <i>F = Front terminals</i> | | |
| E4 W FP F | 37925 | 37930 |
| <i>FL = Flat terminals</i> | | |
| E4 W FP FL | 37975 | 37980 |

Order codes

SACE Emax E6/MS switch-disconnector

F = FIXED

E6H/MS 50 $I_u (40\text{ }^\circ\text{C}) = 5000\text{ A}$ $I_{cw} (1\text{ s}) = 100\text{ kA}$

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E6H/MS 50 F HR | 37549 | 37577 |
| <i>VR = Vertical rear terminals</i> | | |
| E6H/MS 50 F VR | 37630 | 37627 |
| <i>F = Front terminals</i> | | |
| E6H/MS 50 F F | 37741 | 37738 |

E6H/MS 63 $I_u (40\text{ }^\circ\text{C}) = 6300\text{ A}$ $I_{cw} (1\text{ s}) = 100\text{ kA}$

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E6H/MS 63 F HR | 37550 | 37578 |
| <i>VR = Vertical rear terminals</i> | | |
| E6H/MS 63 F VR | 37629 | 37628 |
| <i>F = Front terminals</i> | | |
| E6H/MS 63 F F | 37740 | 37739 |

W = WITHDRAWABLE

Moving part

E6H/MS 50 $I_u (40\text{ }^\circ\text{C}) = 5000\text{ A}$ $I_{cw} (1\text{ s}) = 100\text{ kA}$

| | code 1SDA0 R1 | |
|----------------|-----------------------|---------|
| | 3 poles | 4 poles |
| E6H/MS 50 W MP | 37683 | 37686 |

E6H/MS 63 $I_u (40\text{ }^\circ\text{C}) = 6300\text{ A}$ $I_{cw} (1\text{ s}) = 100\text{ kA}$

| | code 1SDA0 R1 | |
|----------------|-----------------------|---------|
| | 3 poles | 4 poles |
| E6H/MS 63 W MP | 37684 | 37685 |

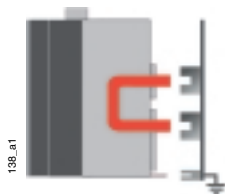
Fixed parts

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E6 W FP HR | 37825 | 37830 |
| <i>VR = Vertical rear terminals</i> | | |
| E6 W FP VR | 37876 | 37880 |
| <i>F = Front terminals</i> | | |
| E6 W FP F | 37926 | 37931 |
| <i>FL = Flat terminals</i> | | |
| E6 W FP FL | 37976 | 37981 |

Order codes

SACE Emax CS isolating truck

W = WITHDRAWABLE



Moving part

Iu 1250

| | code 1SDA0 R1 | |
|---------------|-------------------------|---------|
| | 3 poles | 4 poles |
| E1 CS 12 W MP | 37752 | 37753 |

Iu 2000

| | code 1SDA0 R1 | |
|---------------|-------------------------|---------|
| | 3 poles | 4 poles |
| E2 CS 20 W MP | 37762 | 37769 |

Iu 3200

| | code 1SDA0 R1 | |
|---------------|-------------------------|---------|
| | 3 poles | 4 poles |
| E3 CS 32 W MP | 37763 | 37768 |

Iu 4000

| | code 1SDA0 R1 | |
|---------------|-------------------------|---------|
| | 3 poles | 4 poles |
| E4 CS 40 W MP | 37764 | 37767 |

Iu 6300

| | code 1SDA0 R1 | |
|---------------|-------------------------|---------|
| | 3 poles | 4 poles |
| E6 CS 63 W MP | 37765 | 37766 |

Fixed parts

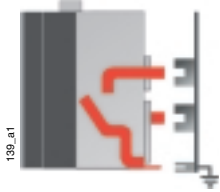
See page 44

Order codes

SACE Emax MTP earthing switch

W = WITHDRAWABLE

earthing of top jaw-type contacts



earthing of bottom jaw-type contacts



Moving part

Iu 1250

| | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles |
|----------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| E1 MTP 12 W MP | 37758 | 37759 | 37761 | 37760 |

Iu 2000

| | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles |
|----------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| E2 MTP 20 W MP | 37786 | 37787 | 37794 | 37795 |

Iu 3200

| | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles |
|----------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| E3 MTP 32 W MP | 37789 | 37788 | 37796 | 37797 |

Iu 4000

| | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles |
|----------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| E4 MTP 40 W MP | 37790 | 37791 | 37798 | 37799 |

Iu 6300

| | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles |
|----------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| E6 MTP 63 W MP | 37792 | 37793 | 37800 | 37801 |

Fixed parts

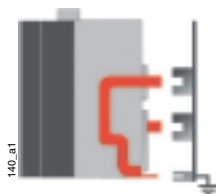
See page 44

Order codes

SACE Emax MT earthing truck

W = WITHDRAWABLE

earthing of top jaw-type contacts



earthing of bottom jaw-type contacts



Moving part

Iu 1250

| | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles |
|---------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| E1 MT 12 W MP | 37754 | 37755 | 37756 | 37757 |

Iu 2000

| | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles |
|---------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| E2 MT 20 W MP | 37770 | 37771 | 37785 | 37784 |

Iu 3200

| | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles |
|---------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| E3 MT 32 W MP | 37773 | 37772 | 37782 | 37783 |

Iu 4000

| | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles |
|---------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| E4 MT 40 W MP | 37774 | 37775 | 37975 | 37780 |

Iu 6300

| | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles | code 1SDA0 R1 3 poles | code 1SDA0 R1 4 poles |
|---------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| E6 MT 63 W MP | 37777 | 37776 | 37778 | 37779 |

Fixed parts

See page 44

Order codes

SACE Emax PF fixed parts

W = WITHDRAWABLE

Fixed parts E1

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E1 W FP HR | 37821 | 37826 |
| <i>VR = Vertical rear terminals</i> | | |
| E1 W FP VR | 37872 | 37877 |
| <i>F = Front terminals</i> | | |
| E1 W FP F | 37922 | 37927 |
| <i>FL = Flat terminals</i> | | |
| E1 W FP FL | 37972 | 37977 |

Fixed parts E2

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E2 W FP HR | 37822 | 37827 |
| <i>VR = Vertical rear terminals</i> | | |
| E2 W FP VR | 37873 | 37886 |
| <i>F = Front terminals</i> | | |
| E2 W FP F | 37923 | 37928 |
| <i>FL = Flat terminals</i> | | |
| E2 W FP FL | 37973 | 37978 |

Fixed parts E3

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E3 W FP HR | 37823 | 37828 |
| <i>VR = Vertical rear terminals</i> | | |
| E3 W FP VR | 37874 | 37878 |
| <i>F = Front terminals</i> | | |
| E3 W FP F | 37924 | 37929 |
| <i>FL = Flat terminals</i> | | |
| E3 W FP FL | 37974 | 37979 |

Fixed parts E4

| | code 1SDA0 R1 | |
|---------------------------------------|-----------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E4 W FP HR | 37824 | 37829 |
| <i>VR = Vertical rear terminals</i> | | |
| E4 W FP VR | 37875 | 37879 |
| <i>F = Front terminals</i> | | |
| E4 W FP F | 37925 | 37930 |
| <i>FL = Flat terminals</i> | | |
| E4 W FP FL | 37975 | 37980 |

Order codes

SACE Emax PF fixed parts

W = WITHDRAWABLE

Fixed parts E6

| | code 1SDA0 R1 | |
|---------------------------------------|-------------------------|---------|
| | 3 poles | 4 poles |
| <i>HR = Horizontal rear terminals</i> | | |
| E6 W FP HR | 37825 | 37830 |
| <i>VR = Vertical rear terminals</i> | | |
| E6 W FP VR | 37876 | 37880 |
| <i>F = Front terminals</i> | | |
| E6 W FP F | 37926 | 37931 |
| <i>FL = Flat terminals</i> | | |
| E6 W FP FL | 37976 | 37981 |

Order codes

SACE Emax circuit-breaker and fixed part accessories

Electrical accessories

1) Shunt opening/closing release

| E1/6 | code 1SDA0 R1 | |
|-----------------------|-------------------------|---------|
| | Opening | Closing |
| 24 V – | 38286 | 38296 |
| 30 V \approx | 38287 | 38297 |
| 48 V \approx | 38288 | 38298 |
| 60 V \approx | 38289 | 38299 |
| 110...120 V \approx | 38290 | 38300 |
| 120...127 V \approx | 38291 | 38301 |
| 220...240 V \approx | 38292 | 38302 |
| 240...250 V \approx | 38293 | 38303 |
| 380...400 V – | 38294 | 38304 |
| 440...480 V – | 38295 | 38305 |

The shunt opening release and closing release share the same construction and are therefore interchangeable. Their function is determined by the position in which they are mounted on the circuit-breaker.

2a) Undervoltage release

| E1/6 | code 1SDA0 R1 |
|-----------------------|-------------------------|
| 24 V – | 38306 |
| 30 V \approx | 38307 |
| 48 V \approx | 38308 |
| 60 V \approx | 38309 |
| 110...120 V \approx | 38310 |
| 120...127 V \approx | 38311 |
| 220...240 V \approx | 38312 |
| 240...250 V \approx | 38313 |
| 380...400 V \approx | 38314 |
| 440...480 V \approx | 38315 |

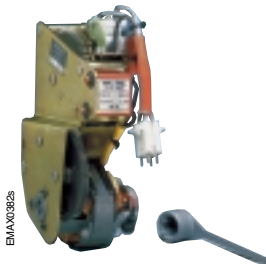
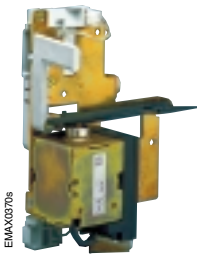
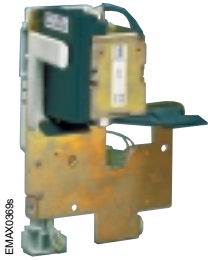
2b) Electronic time-delay device for undervoltage release

| E1/6 | code 1SDA0 R1 |
|-----------------------|-------------------------|
| 24...30 V \approx | 38316 |
| 48 V \approx | 38317 |
| 60 V \approx | 38318 |
| 110...115 V \approx | 38319 |
| 220...250 V \approx | 38320 |

3) Geared motor for automatic charging of closing springs

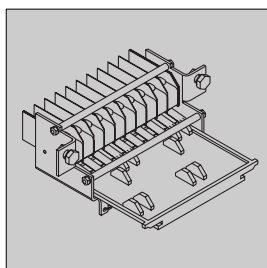
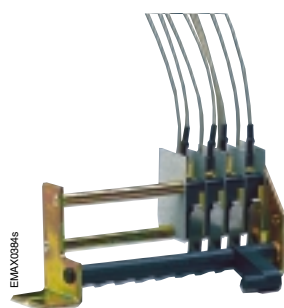
| E1/6 | code 1SDA0 R1 |
|-----------------------|-------------------------|
| 24...30 V \approx | 38321 |
| 48...60 V \approx | 38322 |
| 100...130 V \approx | 38323 |
| 220...250 V \approx | 38324 |

Note: supplied as standard with limit contact and microswitch for signalling the closing springs are charged (see Accessory 5c).



Order codes

SACE Emax circuit-breaker and fixed part accessories



4) Signal for overload current releases tripped

| | |
|----------------------------------|-------------------------|
| E1/6 | code 1SDA0 R1 |
| mechanical | 38337 |
| electrical ⁽¹⁾ | 38338 |

(1) Requires mechanical signal as well.

5a) Electrical signalling of circuit-breaker open/closed

| | |
|---|-------------------------|
| E1/6 | code 1SDA0 R1 |
| 4 auxiliary contacts ⁽²⁾ | 38326 |
| 10 auxiliary contacts ^{(3) (4)} | 38327 |
| 10 auxiliary contacts ^{(3) (5)} | 46523 |
| 15 additional auxiliary contacts ⁽⁶⁾ | 43475 |
| 15 additional auxiliary contacts (special version for withdrawable) ⁽⁶⁾ | 48827 |

(2) Order for MS-CS-MT-MTP version only. Already included for automatic circuit-breaker.

(3) Not available with PR112 release.

(4) Order for MS-CS-MT-MTP version. Order as a loose kit only for automatic circuit-breaker.

(5) To be ordered mounted only, with automatic circuit-breaker.

(6) Outside circuit-breaker. Order as alternative to various types of interlock and to accessory 8e.

For mounting on fixed circuit-breaker requires accessory 10.4 as well (Interlock plate for fixed circuit-breaker).

5b) Electrical signalling of circuit-breaker connected/isolated for test/isolated

| | |
|--|-------------------------|
| | code 1SDA0 R1 |
| E1/E6 - 5 auxiliary contacts | 38361 |
| E1/E2 - 10 auxiliary contacts 3 poles | 38360 |
| E1/E2 - 10 auxiliary contacts 4 poles | 43467 |
| E3 - 10 auxiliary contacts 3 poles | 43468 |
| E3 - 10 auxiliary contacts 4 poles | 43469 |
| E4/E6 - 10 auxiliary contacts 3/4 poles | 43470 |

5c) Contact for signalling closing springs charged

| | |
|-------------|-------------------------|
| E1/6 | code 1SDA0 R1 |
| - | 38325 |

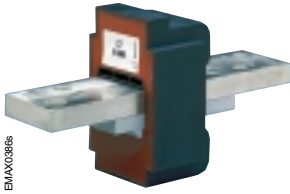
Note: Order as alternative to geared motor.

5d) Contact for signalling undervoltage release energised

| | |
|----------------------------------|-------------------------|
| E1/6 | code 1SDA0 R1 |
| 1 normally open contact | 38340 |
| 1 normally closed contact | 38341 |

Order codes

SACE Emax circuit-breaker and fixed part accessories



BMACC3866

6a) Current transformer for neutral conductor outside circuit-breaker

| E1 | code 1SDA0 R1 |
|-------|-----------------------|
| R250 | 38269 |
| R400 | 38270 |
| R800 | 38271 |
| R1250 | 38272 |

| E2 | code 1SDA0 R1 |
|-------|-----------------------|
| R250 | 38269 |
| R400 | 38270 |
| R800 | 38271 |
| R1250 | 38272 |
| R1600 | 38273 |
| R2000 | 38274 |

| E3 | code 1SDA0 R1 |
|-------|-----------------------|
| R250 | 48952 |
| R400 | 48953 |
| R800 | 38277 |
| R1250 | 38278 |
| R1600 | 38279 |
| R2000 | 38280 |
| R2500 | 38281 |
| R3200 | 38282 |

| E4 | code 1SDA0 R1 |
|-------|-----------------------|
| R2000 | 38274 |
| R3200 | 38275 |
| R4000 | 38276 |

| E6 | code 1SDA0 R1 |
|-------|-----------------------|
| R3200 | 38282 |
| R4000 | 38283 |
| R5000 | 38284 |
| R6300 | 38285 |

6b) Homopolar toroid for the main power supply earthing conductor

| | code 1SDA0 R1 |
|----------|-----------------------|
| In 100 A | 48067 |
| In 250 A | 48068 |
| In 400 A | 48069 |
| In 800 A | 48070 |

Order codes

SACE Emax circuit-breaker and fixed part accessories

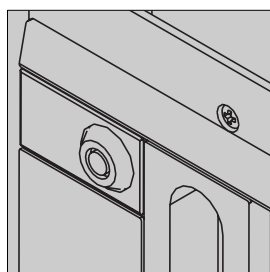
Mechanical accessories

7) Mechanical operation counter



| | |
|------|-----------------------|
| E1/6 | code 1SDA0 R1 |
| - | 38345 |

8a) Lock in open position

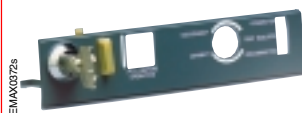


| | |
|--|-----------------------|
| E1/6 - key lock | code 1SDA0 R1 |
| for 1 circuit-breaker (different keys) | 38350 |
| for sets of circuit-breakers (same keys No. 3004222) | 38346 |
| for sets of circuit-breakers (same keys No. 0025431) | 38347 |
| for sets of circuit-breakers (same keys No. 0233424) | 38348 |
| for sets of circuit-breakers (same keys No. 0335452) | 38349 |

| | |
|----------------|-----------------------|
| E1/6 - padlock | code 1SDA0 R1 |
| - | 38351 |

Note: Order as alternative to accessory 9a.

8b) Circuit-breaker lock in connected/isolated/isolated for test position



| | |
|--|-----------------------|
| E1/6 - key lock + padlock | code 1SDA0 R1 |
| for 1 circuit-breaker (different keys) | 38356 |
| for sets of circuit-breakers (same keys No. 3004222) | 38352 |
| for sets of circuit-breakers (same keys No. 0025431) | 38353 |
| for sets of circuit-breakers (same keys No. 0233424) | 38354 |
| for sets of circuit-breakers (same keys No. 0335452) | 38355 |

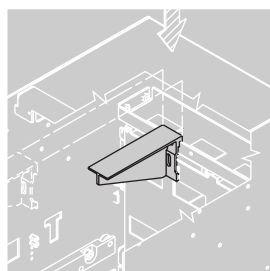
8c) Accessory for lock in isolated/isolated for test position

| | |
|------|-----------------------|
| E1/6 | code 1SDA0 R1 |
| - | 38357 |

Note: Order as alternative to Accessory 8b.

8d) Accessory for padlock device for shutters

| | |
|------|-----------------------|
| E1/6 | code 1SDA0 R1 |
| - | 38363 |



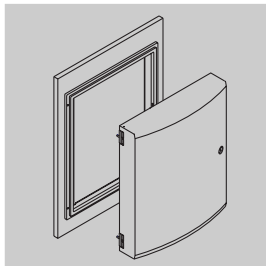
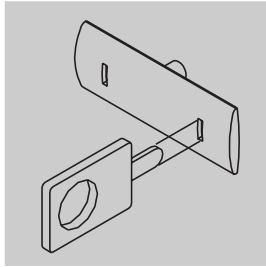
8e) Mechanical lock for compartment door

| | |
|---------------|-----------------------|
| E1/6 | code 1SDA0 R1 |
| - (1) (2) (3) | 45039 |

- (1) order as an alternative to the various types of interlocks and accessory 5a (15 auxiliary contacts)
- (2) the use of accessory 10.2 is necessary for installation
- (3) for fixed circuit-breaker, plate 10.4

Order codes

SACE Emax circuit-breaker and fixed part accessories



9a) Protection cover opening and closing pushbuttons

| | |
|------|-----------------------|
| E1/6 | code 1SDA0 R1 |
| - | 38343 |

Note: Order as alternative to Accessory 8a.

9b) IP54 protective cover for door

| | |
|------|-----------------------|
| E1/6 | code 1SDA0 R1 |
| - | 38344 |

10.1) Interlock cables for fixed circuit-breakers or fixed parts

| E1/6 Type | code 1SDA0 R1 | |
|--------------|-----------------------|--------------|
| | Horizontal | Vertical |
| A | 38329 | 38333 |
| B | 38330 | 38334 |
| C | 38331 | 38335 |
| D | 38332 | 38336 |

Note: Order one type of cable for each interlock

10.2) Interlock for fixed circuit-breaker/moving part of withdrawable circuit-breaker

| Type | code 1SDA0 R1 |
|-----------------------------|-----------------------|
| E1 | 38366 |
| E2 | 38366 |
| E3 | 38367 |
| E4 - 3 poles | 38368 |
| E4 - 4 poles / E6 - 3 poles | 43466 |
| E6 - 4 poles | 38369 |

Note: Order one accessory for each fixed circuit-breaker/moving part of withdrawable circuit-breaker.

10.3) Interlock for fixed circuit-breaker/fixed part of withdrawable circuit-breaker

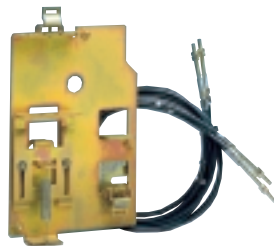
| E1/6 - Type | code 1SDA0 R1 |
|-------------|-----------------------|
| A | 38364 |
| B | 38364 |
| C | 38365 |
| D | 38364 |

Note: Order one accessory for each fixed circuit-breaker/fixed part of withdrawable circuit-breaker.

10.4) Interlock plate for fixed circuit-breaker

| | |
|------|-----------------------|
| E1/6 | code 1SDA0 R1 |
| - | 38358 |

Note: Order for fixed circuit-breaker only.

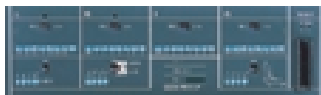


EMAX03718

Order codes

SACE Emax microprocessor-based releases and current transformer

Microprocessor-based releases



E1/6



code 1SDA0.....R1

LI **38013**LSI **38012**LSIG **38011**

E1/6



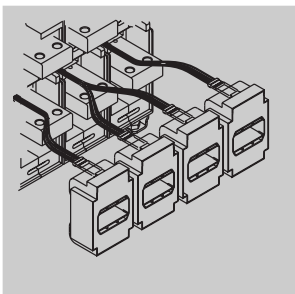
code 1SDA0.....R1

LSI **38010**LSIG **38009**

E1/6



code 1SDA0.....R1

LSI **38008**LSIG **38007**

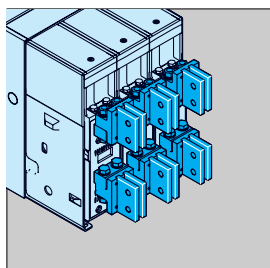
Current transformers

| | | code 1SDA0.....R1 | |
|-----------|-----------|-------------------|--------------|
| | | 3 poles | 4 poles |
| E1 | In 250 A | 38014 | 38020 |
| | In 400 A | 38015 | 38021 |
| | In 800 A | 38016 | 38022 |
| | In 1250 A | 38017 | 38023 |
| E2 | In 250 A | 38014 | 38020 |
| | In 400 A | 38015 | 38021 |
| | In 800 A | 38016 | 38022 |
| | In 1250 A | 38017 | 38023 |
| | In 1600 A | 38018 | 38024 |
| | In 2000 A | 38019 | 38025 |
| E3 | In 250 A | 48741 | 48742 |
| | In 400 A | 48743 | 48744 |
| | In 800 A | 38026 | 38032 |
| | In 1250 A | 38027 | 38033 |
| | In 1600 A | 38028 | 38034 |
| | In 2000 A | 38029 | 38035 |
| | In 2500 A | 38030 | 38036 |
| | In 3200 A | 38031 | 38037 |
| E4 | In 2000 A | 38038 | 38041 |
| | In 3200 A | 38039 | 38042 |
| | In 4000 A | 38040 | 38043 |
| E6 | In 3200 A | 38044 | 38048 |
| | In 4000 A | 38045 | 38049 |
| | In 5000 A | 38046 | 38050 |
| | In 6300 A | 38047 | 38051 |

Order codes

SACE Emax conversion kit for fixed circuit-breaker or fixed parts

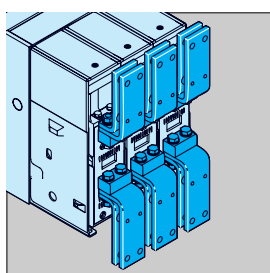
Conversion kits



Kit for converting fixed circuit-breaker with horizontal rear terminals to vertical rear terminals

| | code 1SDA0 R1 | |
|----|-------------------------|-------------------------|
| | 3 terminals for 3 poles | 4 terminals for 4 poles |
| E1 | 38052 | 38057 |
| E2 | 38053 | 38058 |
| E3 | 38054 | 38059 |
| E4 | 38055 | 38060 |
| E6 | 38056 | 38061 |

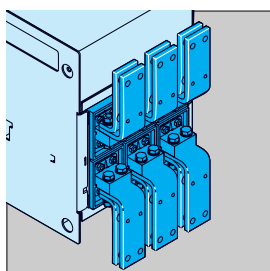
Notes: Each kit fits both upper and lower application. To convert a complete circuit-breaker, order 2 kits.



Kit for converting fixed circuit-breaker with horizontal rear terminals to front terminals

| | code 1SDA0 R1 | |
|----|-------------------------|-------------------------|
| | 3 terminals for 3 poles | 4 terminals for 4 poles |
| E1 | 38062 | 38067 |
| E2 | 38063 | 38068 |
| E3 | 38064 | 38069 |
| E4 | 38065 | 38070 |
| E6 | 38066 | 38071 |

Notes: Each kit fits both upper and lower application. To convert a complete circuit-breaker, order 2 kits.



Kit for converting fixed parts with horizontal rear terminals to front terminals

| | code 1SDA0 R1 | |
|----|-------------------------|-------------------------|
| | 3 terminals for 3 poles | 4 terminals for 4 poles |
| E1 | 38062 | 38067 |
| E2 | 45031 | 45035 |
| E3 | 45032 | 45036 |
| E4 | 45033 | 45037 |
| E6 | 45034 | 45038 |

Notes: Each kit fits both upper and lower application. To convert a complete circuit-breaker, order 2 kits.

