



11 SMX90 03



SMX31 41
SMX31 42
SMX32 41



11 SMX90 10



11 SMX90 12



11 SMX90 14



11 SMX17 10
11 SMX17 11



11 SMX17 20



11 SMX17 35



11 SMX17 40



11 SMX17 45

Order code	Characteristics	Qty per pkg	Wt
		n°	[kg]

Rigid SM1 breaker-contactor connections.

11 SMX90 03	For SM1 breaker with BG mini-contactor.	10	0.025
SMX31 41	For SM1 breaker with BF09A-BF25A contactor. Complete with cover	10	0.044
SMX31 42	For SM1 breaker with BF09D-BF25D and BF09L-BF25L contactor. Complete with cover	10	0.046
SMX32 41	For SM1 breaker with BF26A-BF38A contactor. Complete with cover	10	0.050

Adapter plates.

11 SMX90 10	Adapter plate for direct-on-line starter (SM1 breaker and BG or BF09A-BF38A contactors)	1	0.058
11 SMX90 12	Adapter plate for reversing contactor assembly (SM1 breaker and BG or BF09A-BF38A contactors)	1	0.095
11 SMX90 14	Adapter plate for star-delta starter (SM1 breaker and 45mm/1.77" wide contactors BF09A-BF38A)	1	0.118
11 SMX90 18	35mm DIN rail (IEC/EN 60715) for cable bypass of contactor used with SMX90 14 plate	1	0.025
11 SMX90 19	35mm DIN rail extension	1	0.025

Surface mount enclosures.

11 SMX17 10	IP40. 100mm/4" wide	1	0.404
11 SMX17 11	IP40. 85mm/3.3" wide	1	0.358

Flush mount enclosure.

11 SMX17 20	IP40. 122mm/4.8" wide, 103x144mm/4.05x5.67" cutout	1	0.341
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ACCESSORIES FOR ENCLOSURES.

Padlockable rotary actuator.

11 SMX17 30	IP65. Grey-black. For SMX17 10 and SMX17 20 enclosures	1	0.110
11 SMX17 35	IP65. Red-yellow. For SMX17 10 and SMX17 20 enclosures	1	0.142

Actuator with emergency stop button.

11 SMX17 40	IP65. For SMX17 11 enclosure	10	0.174
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IP65 membrane complete with rim.

11 SMX17 45	For SMX17 11 enclosure	10	0.035
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Neutral connection.

11 SMX17 50	For SMX17 10 and SMX17 20 enclosures only	10	0.026
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Pilot light.

23 NEONV	Green	10	0.006
23 NEONR	Red	10	0.006

Marking elements.

BFX30	Blank label for writing	50	0.002
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① To obtain IP65 degree of protection, mount the 11 SMX17 45 membrane.
② The device obtained with this actuator is not suitable for isolation per IEC/EN 60947-2 standards.

③ Complete with required voltage. Available voltages:
– AC 50/60Hz 24/110/220-240 (indicate 220)/380-415 (indicate 380) VAC.

General and operational characteristics

SM1 - CONTACTOR CONNECTION

The SMX90 03, SMX31... and SMX32 41 rigid connections electrically and mechanically fasten the breaker together with the contactor forming a single-unit starter for quick installation on 35mm DIN rail (IEC/EN 60715).

STARTER ASSEMBLY ADAPTER PLATES

The elements consent to preassemble starters and to form trim and compact single-unit equipment for quick and easy installation.

The starter adapter plates install on 35mm DIN rail (IEC/EN 60715).

SURFACE MOUNT ENCLOSURE

- Top or bottom entry:
 - PG16 threaded knockouts for SMX17 10
 - 22.5mm/0.88" knockouts for SMX17 11
- Rear entry:
 - 22.5mm/0.88" knockouts
- Holds a SM1 breaker equipped with one side-mount contact block, one front-mount block (except for SM1C) and either one shunt or undervoltage release
- Earth/ground terminal included
- Operating temperature: -5...+40°C
- Storage temperature: -50...+80°C.

FLUSH MOUNT ENCLOSURE

- Use with breaker, complete with 1 front-mount (except for SM1C) and 1 side-mount blocks and one shunt or undervoltage release
- Earth/ground terminal included
- 103x144mm/4.05x5.67" cutout
- Operating temperature: -5...+40°C
- Storage temperature: -50...+80°C.

ENCLOSURE ACCESSORIES

PADLOCKABLE ROTARY ACTUATOR:

- Suitable for SMX17 10 or SMX17 20 type only
- Raises the degree of protection of the enclosure to IEC IP65
- 3 padlocks maximum.

ACTUATOR WITH EMERGENCY PUSH-BUTTON:

- Suitable for SMX17 11 only
- Raises the degree of protection of the enclosure to IEC IP65.

Certifications and compliance

Certifications obtained: EAC for all SMX... types and pilot lights; UL Listed for USA and Canada (cULus - File E93602), under motor controllers, for SMX90 03, SMX31 41 and SMX32 41 connections. Compliant with standards: IEC/EN 60947-1, UL508, CSA C22.2 n° 14.