OPTIMA®

Three-Pole Overcurrent Protection Module

OPM-NG-SC3 OPM-NG-SM3



Class CC Version

Catalog Symbol: OPM-NG-SC3

Electrical Rating: 30A, 600 Vac (or less)

Withstand Rating: 200kA

Use with Class CC fuse type: LP-CC, FNQ-R, KTK-R

13/32" x 1-1/2" and 10,3 x 38mm Version

Catalog Symbol: OPM-NG-SM3

Electrical Rating: UL-30A, 600 Vac (or less)

IEC-32A, 690Vac (or less)

Withstand Rating: Limited by fuse IR, 200ka maximum
Use with 13/32" x 1-1/2" fuse types: KTK, FNQ, KLM
Use with 10 x 38mm fuse types: FWA, FWC, C10G__,

C10M__

Agency Information:

UL

OPM-NG-SC3

UL Listed, UL 512, File E14853, Guide IZLT OPM-NG-SM3

UL Recognized, UL512, File E14853, Guide IZLT2 CSA Certified, C22.2 No. 39, Class C6225-01, File 47235

IEC 60947-3 Utilization Category AC20B Packaging Weight: 0.39lb. (0.18 kg) Handling & Storage Specifications:

Storage Temperature: -10°C to 65°C

Attributes:

- 45mm width matches IEC starters.
- · Phil-slot screws.
- Pressure plate terminations.
- Integrated collapsible handle.
- Fuse carrier cannot be removed from holder base.
- IP20 finger safe to IEC60529
- · Auxilliary contacts. optional accessory
- Dual-wire rated terminals (see Wire Table).
- 35mm DIN rail or panel mounting feature. Maximum screw size #8 (M4).
- Padlockable

C€ CE logo denotes compliance with European Union Low Voltage Directive (50-1000 Vac, 75-1500 Vdc). Refer to Data Sheet: 8002 or contact Bussmann Application Engineering at 636-527-1270 for more information.

COOPER Bussmann 4-23-03 SB03116

Fuseholder Wire Range:

75°CU Only

#18-12 AWG Single/Dual, torque 15 lb: in. #10-8 AWG Single/Dual, torque 20 lb: in. Dual wire. Wire with same guage and type

		75°CU Only		<u> </u>
		AWG	[mm ²]	(Nm)/lb in
Solid		18-8 x1	16 x1	18-12 Single / Dual 15 lb in (1.7)
		18-8 x2	16 x2	
Stranded		18-8 x1	1.56 x1	15 ID III (N'm)
		18-8 x2	1.56 x2	10-8 Single / Dual
Ferrules			14 x1 14 x2	20 lb in $\binom{2.5}{N \text{ m}}$

Input Power Terminal Wire Range:

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Wiring	Solid Conductor	(1) #14 to #2 (1.5 to 25mm ²) conductor or (2) #14 to #6 AWG (1.5 to 10mm ²) conductors		
	Stranded Conductor	(1) #14 to #2 (1.5 to 25mm ²) conductor or (2) #12 to #6 AWG (2.5 to 10mm ²) conductors		
Tightening	Connector	20 lb.·in. (2.2 N·m)		
Torque:	Screw Clamp	15 lb.·in. (1.7 N·m		

Materials:

Housing: Thermoplastic- UL V-2 Clip: Tin plated copper alloy

Contact Lubricant: Fluoroether grease

Saddle screw: Plated steel DIN rail springs: Stainless steel

Optional Accessories:

CUITID DAT (IVIAX.	current rating = 65A)
OPMNGSA245	2 circuit, 45mm between same phases
OPMNGSA254	2 circuit, 54mm between same phases
OPMNGSA272	2 circuit, 72mm between same phases
OPMNGSA345	3 circuit, 45mm between same phases
OPMNGSA354	3 circuit, 54mm between same phases
OPMNGSA445	4 circuit, 45mm between same phases
OPMNGSA454	4 circuit, 54mm between same phases
OPMNGSA472	4 circuit, 72mm between same phases
OPMNGSA554	5 circuit, 54mm between same phases

Input Terminal Block (Max. current rating = 63A)

OPMNGSA005	Input Power Terminal, Supports feed through
	to another system, DIN-rail mount only
OPMNGSA009	Input Power Terminal
Cover	
OPMNGSA010	Protective Cover for unused terminals on
	comb bar
Auxilliary Contacts	
OPMNGSAAUX11	NO/NC
OPMNGSAAUX20	NO/NO
Marking Tabs	
OPMNGSA101	Marking Tab - Mounts to front of carrier.

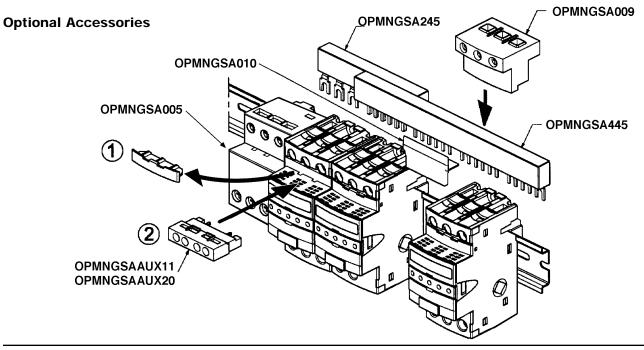
quantity 100

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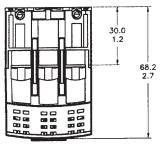
Three-Pole Overcurrent Protection Module

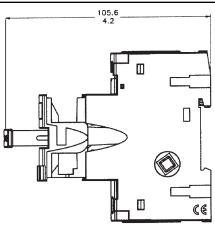
OPM-NG-SC3 OPM-NG-SM3

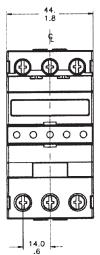


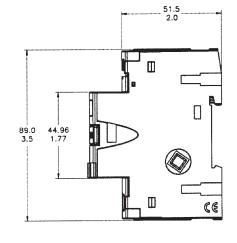


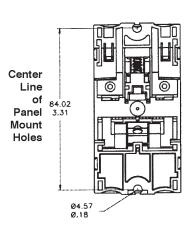














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