IEC Appliance Inlet C6 with Line Switch 1-pole



CMF3



70° C



- Panel Mount: Screw-on mounting on PCB, from top or bottom

- 2 Functions:
- Appliance Inlet Protection class I, Line Switch 1-pole
- For PCB mounting











Characteristics

- Easy mounting with center bolt and snapper or srewed on PCB or
- Electrical connection done on the PCB
- Bi-positioning of the switch from left or right side, Standard CMF with switch on right side
- With or without rear-side insulation cover
- Suitable for use in equipment according to IEC/UL 60950

Other versions on request

- Line switch with other rocker marking
- Line switch on left of inlet

References

Alternative: protection class II version

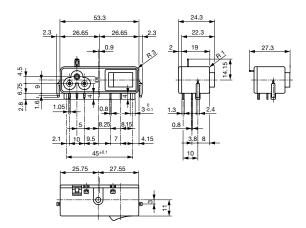
pdf-datasheet, html-datasheet, General Product Information, Approvals, CE declaration of conformity, RoHS, CHINA-RoHS, REACH, Mating Connectors, e-Shop, SCHURTER-Stock-Check, Distributor-Stock-Check, CAD-Drawings, Accessories, Detailed request for product

Technical Data

Ratings IEC	2.5 A / 250 VAC; 50 Hz		
Ratings UL/CSA	6A / 125 VAC; 60 Hz		
Dielectric Strength	> 2.3 kVAC between L-N		
	> 2.8 kVAC between L/N-PE		
	(1 min/50 Hz)		
Allowable Operation Temp.	-25 °C to 70 °C		
Degree of Protection	from front side IP 40 acc. to IEC 60529		
Protection Class	Suitable for appliances with protection		
	class I acc. to IEC 61140		
Terminal	PCB 1.6 mm		
	Additional ground terminal		
Material: Housing	Thermoplastic, black, UL 94V-0		

Appliance Inlet	C6 acc. to IEC 60320, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C,	
	2.5 A, Protection Class I	
Line Switch	Rocker switch 1-pole, non-illuminated, acc. to IEC 61058-1 Technical Details	

Dimensions

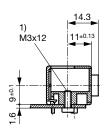


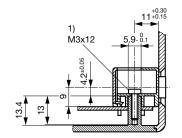
With insulation cover

The size of the mounting cut-out can be selected as required.

Fixation on PCB or housing from below

Fixation on PCB or housing from above

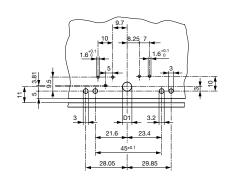




1) self tapping screw

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Drilling Diagram / CMF3 (C6)



D1 = 6.2 mm mounting from above / D1 = 3.6 mm mounting from below PC Board 1.6 mm / Dimensions without tolerance: $\leq 15 = \pm 0.05 / > 15 = \pm 0.10$ Drilling diagram CMF6 mirror-inverted

All Variants

Connectors	Mounting side	Cover	Ground terminal	Ground terminal direction	Order Number
C6	from below	with cover	-	-	CMF3.1132.12
C6	from below	with cover	Solder terminal 2.8 x 0.8 mm	angled to pin axis	CMF3.1133.12
C6	from below	with cover	Solder terminal 2.8 x 0.8 mm	straight	CMF3.1134.12
C6	from below	without cover	-	-	CMF3.1032.12
C6	from below	without cover	Solder terminal 2.8 x 0.8 mm	angled to pin axis	CMF3.1033.12
C6	from below	without cover	Solder terminal 2.8 x 0.8 mm	straight	CMF3.1034.12
C6	from top	with cover	-	-	CMF3.1112.12
C6	from top	with cover	Solder terminal 2.8 x 0.8 mm	angled to pin axis	CMF3.1113.12
C6	from top	with cover	Solder terminal 2.8 x 0.8 mm	straight	CMF3.1114.12
C6	from top	without cover	-	-	CMF3.1012.12
C6	from top	without cover	Solder terminal 2.8 x 0.8 mm	angled to pin axis	CMF3.1013.12
C6	from top	without cover	Solder terminal 2.8 x 0.8 mm	straight	CMF3.1014.12

Availability for all products can be searched real-time:http://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER

Packaging unit

50 Pcs