

IEC Appliance Inlet C6 with Line Switch 1-pole



CMF3

**Description**

- 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 screwed on PCB or housing
- 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 60950

Other versions on request

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

References

Alternative: protection class II version [CMF1](#), [CMF4](#); [CMF2](#), [CMF5](#)

Weblinks

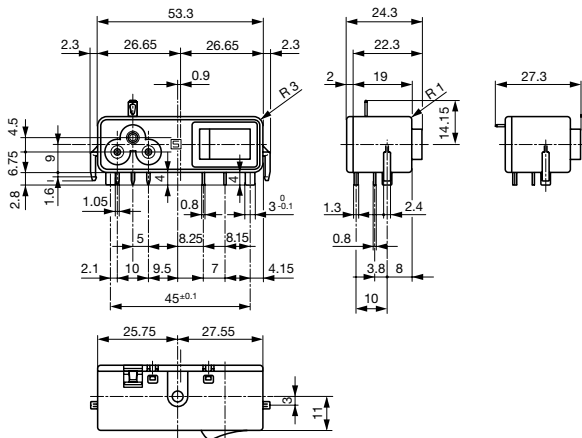
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Mounting instruction](#), [Detailed request for product](#)

Technical Data

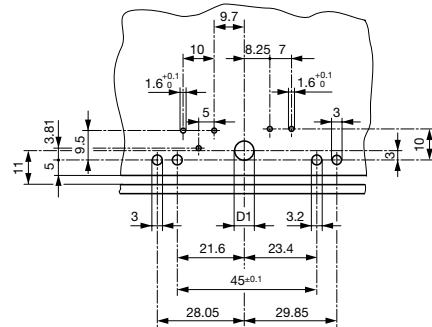
Ratings IEC	2.5 A / 250 VAC; 50 Hz
Ratings UL/CSA	6 A / 125 VAC; 60 Hz
Dielectric Strength	> 2.3 kVAC between L-N > 2.8 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temp.	-25 °C to 70 °C
Degree of Protection	from front side IP 40 acc. to IEC 60529
Protection Class	Suitable for appliances with 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



Drilling Diagram / CMF3 (C6)



With insulation cover

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

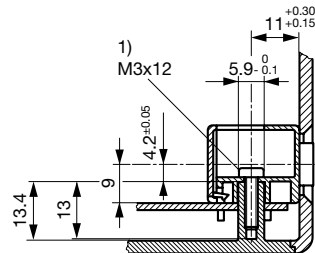
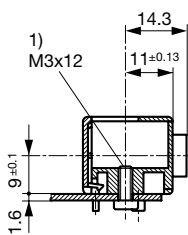
D1 = 6.2 mm mounting from above / D1 = 3.6 mm mounting from below

PC Board 1.6 mm / Dimensions without tolerance: $\leq 15 = \pm 0.05$ / $> 15 = \pm 0.10$

Drilling diagram CMF6 mirror-inverted

Fixation on PCB or housing from below

Fixation on PCB or housing from above



1) self tapping screw

1) self tapping screw

Variants

Standard CMF with switch on right side

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

Packaging unit

50 Pcs