

IEC Appliance Connector C8 polarized with Line Switch 1-pole



CMF2

C8 polarized



70° C



Description

- Panel Mount:
Screw-on mounting on PCB, from top or bottom
- 2 Functions:
Inlet Protection class II, Line switch 1-pole
- For PCB mounting
- Alternative: unpolarized version or protection class I [CMF1](#), [CMF4](#); [CMF3](#), [CMF6](#)

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
- Qualified for use in equipment according IEC/EN 60950

Other versions on request

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

Weblinks

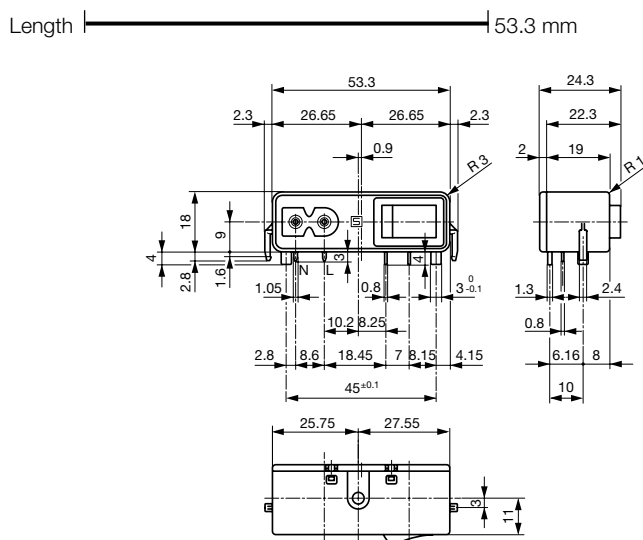
Approvals: www.schurter.com/approvalsRoHS: <http://www.schurter.com/rohs>CHINA-RoHS: www.schurter.com/china-rohsWebstore: www.schurterinc.com/estore/search.ihtml

Technical Data

Ratings IEC	2.5 A / 250 VAC; Hz 50
Ratings UL/CSA	2.5 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 II acc. to IEC 61140
Terminal	PCB 1.6 mm
Material: Housing	Thermoplastic, black, UL 94V-0

Appliance-Inlet /-Outlet	C8 polarized following IEC/EN 60320-1, UL 498, CSA C22.2 no. 42 (for cold condition) pin-temperature 70 °C, 2.5 A, Protection class II
Line Switch	Rocker switch 1 pole, non-illuminated, acc. to IEC 61058-1 Technical details

Dimensions

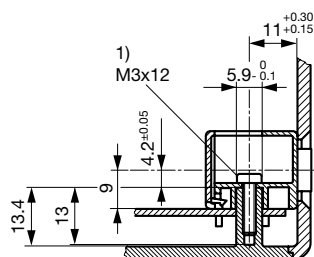
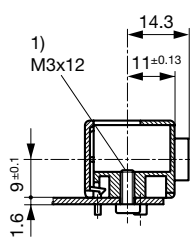


with insulation cover

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

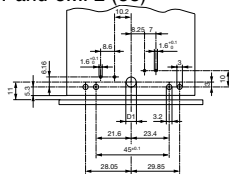


1) self tapping screw

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Drilling diagrams

CMF1 and CMF2 (C8)



d1 = 6.2 mm mounting from above

d1 = 3.6 mm mounting from below

PC Board 1.6 mm

Dimensions without tolerance:

≤ 15 = ± 0.05 / > 15 = ± 0.10

Variants

[Webstore](#)

Appliance-inlet	Mounting side	Cover	Ground terminal	Ground terminal direction	Order Number
C8 polarized	from below		-	-	CMF2.1031.12
C8 polarized	from below	●	-	-	CMF2.1131.12
C8 polarized	from top		-	-	CMF2.1011.12
C8 polarized	from top	●	-	-	CMF2.1111.12

Packaging unit

50 Pcs