

IEC Appliance Inlet C8 with Line Switch 1-pole



CMF1

C8

 70° C

**Description**

- Panel Mount:
Screw-on mounting on PCB, from top or bottom
- 2 Functions:
Appliance Inlet Protection class II, 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
- 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

References

Alternative: polarized version or protection class I [CMF2](#), [CMF5](#); [CMF3](#), [CMF6](#)

Weblinks

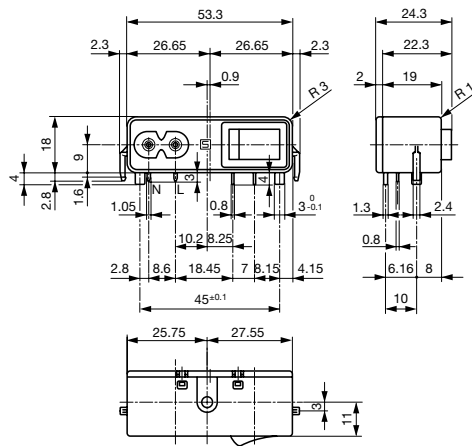
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Detailed request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

Technical Data

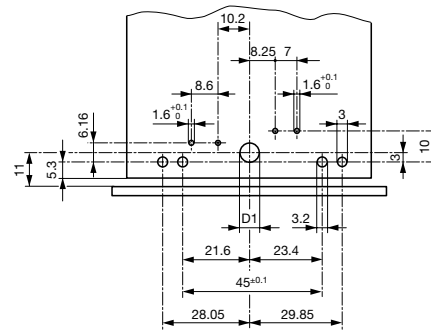
Ratings IEC	2.5 A / 250 VAC; 50Hz
Ratings UL/CSA	6 A / 125 VAC; 60Hz
Dielectric Strength	> 2.3 kVAC between L-N > 2.8 kVAC between L/N-PE (1 min/50Hz)
Allowable Operation Temp.	-25 °C to 70 °C
Degree of Protection	from front side IP 40 acc. to IEC 60529
Protection Class	Suitable for appliances with protection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

Appliance Inlet	C8 acc. to IEC 60320, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 2.5A, Protection Class II
Line Switch	Rocker switch 1-pole, non-illuminated, acc. to IEC 61058-1 Technical Details

Dimensions



Drilling Diagram / CMF1 and CMF2



With insulation cover

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

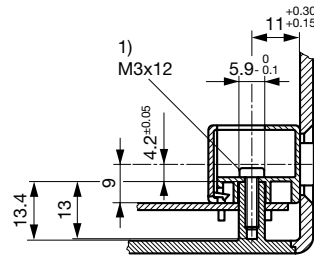
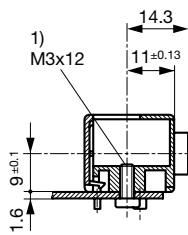
D1 = 6.2 mm mounting from above / D1 = 3.6 mm mounting from below

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

Drilling diagram CMF4 and CMF5 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
C8	from below	with cover	-	-	CMF1.1131.12
C8	from below	without cover	-	-	CMF1.1031.12
C8	from top	with cover	-	-	CMF1.1111.12
C8	from top	without cover	-	-	CMF1.1011.12

Packaging unit

50 Pcs

Mating Outlets/Connectors

Category / Description

[Power Cord Overview complete](#)



Power Cord with IEC Connector C7, Straight 70°C	2510
Power Cord with IEC Connector C7, Angled	2511
Power Cord with IEC Plug C7, Angled	2514
Power Cord with IEC Connector C7, Straight 70°C	4810

[Power Cord further types to CMF1, CMF4](#)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Schurter:

[CMF1.1111.12](#) [CMF1.1011.12](#) [CMF1.1031.12](#) [CMF1.1131.12](#)