

IEC Appliance Inlet 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:
Appliance 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

References

[General Product Information](#)

Weblinks

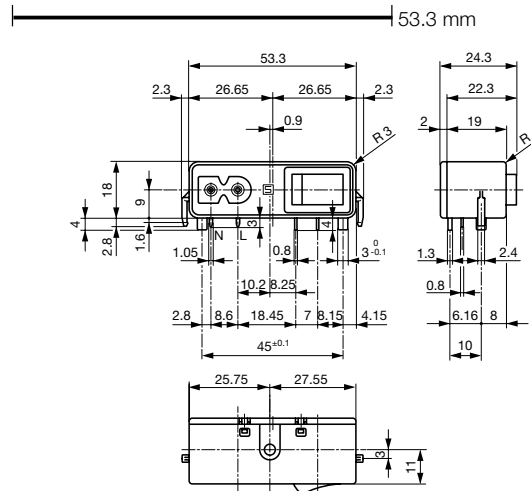
[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [e-Store](#), [Distributor-Stock-Check](#), [Accessories](#)

Technical Data

Ratings IEC	2.5A / 250VAC; 50Hz
Ratings UL/CSA	6A / 125VAC; 60Hz
Dielectric Strength	> 2.3kVAC between L-N > 2.8kVAC 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 2 acc. to IEC 61140
Terminal	PCB 1.6 mm
Material: Housing	Thermoplastic, black, UL 94V-0

Appliance Inlet	C8p following IEC/EN 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 2.5A, Protection Class 2
Line Switch	Rocker switch 1-pole, non-illuminated, acc. to IEC 61058-1 Technical details

Dimensions

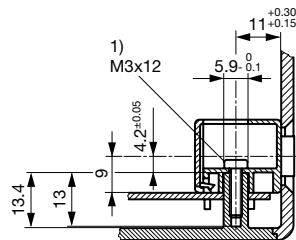
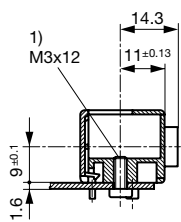


with insulation cover

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

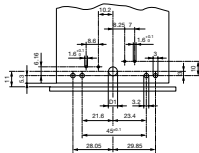


1) self tapping screw

1) self tapping screw

Drilling diagrams

CMF1 and CMF2 (C8)



Variants

Connectors	Mounting side	Cover	Ground terminal	Ground terminal direction	Order Number
C8p	from below		-	-	CMF2.1031.12
C8p	from below	●	-	-	CMF2.1131.12
C8p	from top		-	-	CMF2.1011.12
C8p	from top	●	-	-	CMF2.1111.12

Packaging unit 50 Pcs

Mating Outlets/Connectors

Category / Description



[Power Supply or Interconnection Cord Overview complete](#)

[Divers Power Supply and Interconnection Cords 2.5 A](#)

[CS02.0221.150](#)

[Power Supply or Interconnection Cord further types to CMF2, CMF5](#)