## IEC Appliance Inlet C6 with Line Switch 1-pole



CMF3

C6



70° C

# **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
- Alternative: protection class II version CMF1, CMF4; CMF2, CMF5











#### 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
- 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

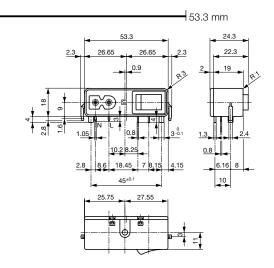
General Product Information

Approvals, RoHS, CHINA-RoHS, Mating Connectors, e-Store, Distributor-Stock-Check, Accessories

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

# **Dimensions**

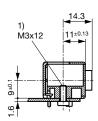


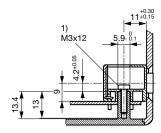
with insulation cover

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



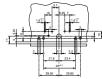


1) self tapping screw

1) self tapping screw

# **Drilling diagrams**

CMF3 (C6)



# **Variants**

Standard CMF with switch on right side

Connectors	Mounting side	Cover	Ground terminal	Ground terminal direction	Order Number
C6	from below		-	-	CMF3.1032.12
C6	from below		Solder terminal 2.8 x 0.8 mm	angled to pin axis	CMF3.1033.12
C6	from below		Solder terminal 2.8 x 0.8 mm	straight	CMF3.1034.12
C6	from below	•	-	-	CMF3.1132.12
C6	from below	•	Solder terminal 2.8 x 0.8 mm	angled to pin axis	CMF3.1133.12
C6	from below	•	Solder terminal 2.8 x 0.8 mm	straight	CMF3.1134.12
C6	from top		-	-	CMF3.1012.12
C6	from top		Solder terminal 2.8 x 0.8 mm	angled to pin axis	CMF3.1013.12
C6	from top		Solder terminal 2.8 x 0.8 mm	straight	CMF3.1014.12
C6	from top	•	-	-	CMF3.1112.12
C6	from top	•	Solder terminal 2.8 x 0.8 mm	angled to pin axis	CMF3.1113.12
C6	from top	•	Solder terminal 2.8 x 0.8 mm	straight	CMF3.1114.12

# CMF3, CMF6

www.schurter.com/pg05

Packaging unit 50 Pcs

# **Mating Outlets/Connectors**

Category / Description



## Power Cord Overview complete

Power Cord with IEC Connector C5, Angled	2512
Power Cord with IEC Connector C5, Straight	2530
Power Cord further types to CMF3, CMF6	