IEC Appliance Connector C6 with Line Switch 1-pole



CMF3



70° C

Description

- Panel Mount:
 - Screw-on mounting on PCB, from top or bottom
- 2 Functions:
- 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

Approvals, RoHS, CHINA-RoHS, e-Store, SCHURTER-Stock-Check, Distributor-Stock-Check

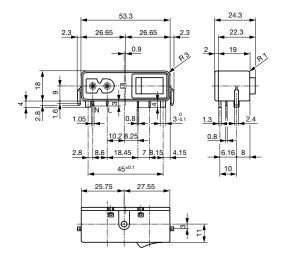
Technical Data		
Ratings IEC	2.5 A / 250 VAC; 50 Hz	
Ratings UL/CSA	6A / 125 VAC; 60 Hz	
Dielectric Strength	> 2.3 kVAC between L-N	
	> 2.8 kVAC between L/N-PE	
	(1 min/50 Hz)	
Allowable Operation Temp.	-25 °C to 70 °C	
Degree of Protection	from front side IP 40 acc. to IEC 60529	
Protection Class	Suitable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

Appliance-Inlet/-Outlet	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 I
Line Switch	Rocker switch 1 pole, non-illuminated, acc. to IEC 61058-1 Technical details

www.schurter.com/pg05

Dimensions

Length 53.3 mm

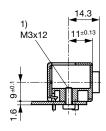


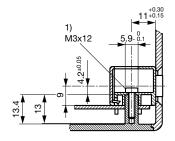
with insulation cover

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

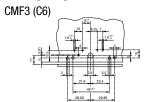




1) self tapping screw

1) self tapping screw

Drilling diagrams



d1 = 6.2 mm mounting from above d1 = 3.6 mm mounting from below PC Board 1.6 mm Dimensions without tolerance: $\leq 15 = \pm 0.05 / > 15 = \pm 0.10$

Variants

Distributor-Stock-Check | SCHURTER-Stock-Check | e-Store

Standard CMF with switch on right side

Appliance-inlet	Mounting side	Cover	Ground terminal	Ground terminal direction	Order Number
C6	from top		<u>-</u>	-	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
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

CMF3, CMF6

www.schurter.com/pg05

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
CG from below • Colder terminal 2.9 v. 0.9 mm etrajaht CME2.1124.12
Co iloni pelow • Solder terminal 2.6 x 0.6 min straight CWF5.1154.12

