Inlet filter, rear side "lock and shield" mounting

Standard- or Medical-Filter

Snap-In Version

C14

70° C

Description
- Panel Mount:
  Snap-in version from rear-side
- 2 Functions:
  Appliance Inlet Protection class I, with EMC-shield
- Alternative: version with line filter

Approvals
- VDE License Number: 40025743
- UL License Number: E96454
- CSA License Number: 38456

Characteristics
- Time saving "Lock and Shield" snap-in design for rear-panel mounting
- All single elements are already wired
- Innovative EMC-shielding with flexible steel segments for an excellent contact to the panel
- Qualified for use in equipment according IEC/EN 60950

Other versions on request
- With solder terminals

References
General Product Information

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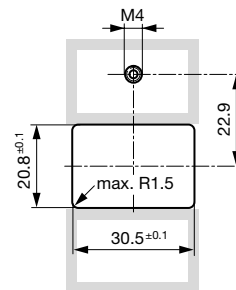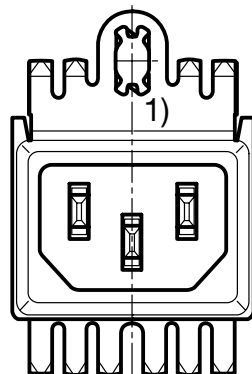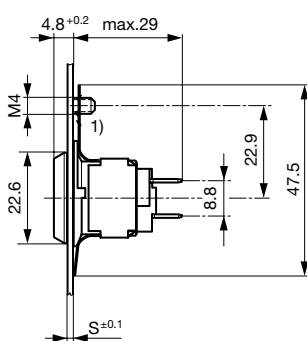Approvals, RoHS, CHINA-RoHS, e-Store, SCHURTER-Stock-Check, Distributor-Stock-Check

Technical Data

Ratings IEC	10 A @ Ta 40 °C / 250 VAC; 50 Hz
Ratings UL/CSA	15 A @ Ta 40 °C / 125 VAC; 60 Hz
Dielectric Strength	> 1.7 kVDC between L-N > 2.7 kVDC between L/N-PE Test voltage (2 sec)
Allowable Operation Temp.	-25 °C to 85 °C
Climatic Category	25/085/21 acc. to IEC 60068-1
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	Quick connect terminals 4.8 x 0.8 mm Solder terminal on request
Panel Thickness s	Snap-in: 1.2/1.5/2 mm
Material: Housing	Thermoplastic, black, UL 94V-0

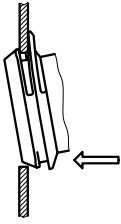|	
Appliance-Inlet/-Outlet	C14 acc. to IEC/EN 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection class I
MTBF	> 3'300'000 h acc. to MIL-HB-217 F

Dimensions
GRF2

1) Terminal for earth screw M4

This area must be conductive for optimal shielding. Do not apply paint or coatings.
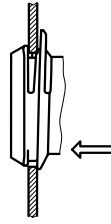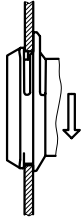
Mounting instructions

Step 1
Place the socket in the top edge of the panel cut-out

Step 2
Push the socket upwards

Step 3
Push the socket forward into the panel cut-out

Step 4
Release the socket. The component is self adjusting.

Variants

Rated Current IEC [A]	Rated Current UL [A]	Filter-Type	Panel Thickness s [mm]	Additional ground terminal	Order Number
10	15	without	1.2		GRF2.0212.11
10	15	without	1.2		GRF2.0312.11
10	15	without	1.5		GRF2.0215.11
10	15	without	1.5		GRF2.0315.11
10	15	without	2		GRF2.0220.11
10	15	without	2		GRF2.0320.11

Packaging unit   100 Pcs

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