

IEC Appliance Inlet C14 with Shielding, "Lock and Shield" Mounting



GRF2: only with shield, without line filter

**Description**

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

Approvals

- VDE Certificate Number: 40025743
- UL File Number: E96454
- CSA File 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
- Suitable for use in equipment according to IEC 60950

Other versions on request

- With solder terminals

References

Alternative: version with line filter

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](#), [Mounting instruction](#), [Detailed request for product](#)

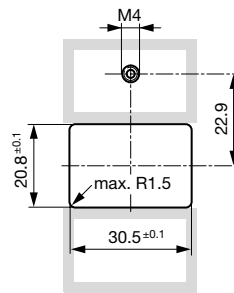
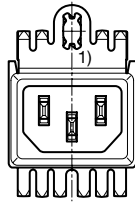
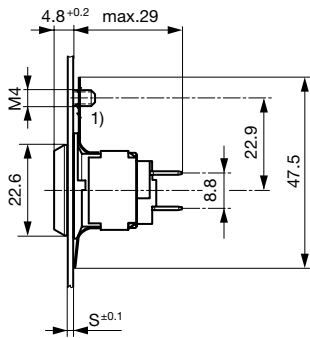
Technical Data

Ratings IEC	10A @ Ta 40 °C / 250VAC; 50Hz
Ratings UL/CSA	15A @ Ta 40 °C / 125VAC; 60Hz
Dielectric Strength	> 1.7kVDC between L-N > 2.7kVDC 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 Plug Connector 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 60320, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I
MTBF	> 3'300'000 h acc. to MIL-HB-217 F

Dimensions

GRF2



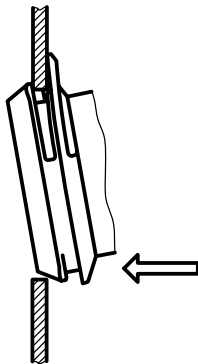
1) Terminal for earth screw M4

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

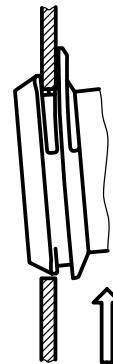
Mounting instructions

Step 1



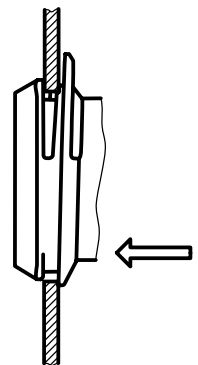
Place the socket in top edge of the panel cut-out.

Step 2



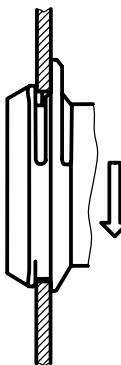
Push the socket upwards.

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	-	1.2	-	GRF2.0212.11
10	15	-	1.5	-	GRF2.0215.11
10	15	-	2	-	GRF2.0220.11
10	15	-	1.2	Quick connect terminal 4.8 x 0.8	GRF2.0312.11
10	15	-	1.5	Quick connect terminal 4.8 x 0.8	GRF2.0315.11
10	15	-	2	Quick connect terminal 4.8 x 0.8	GRF2.0320.11

Packaging unit

100 Pcs

Mating Outlets/Connectors

Category / Description



Appliance Outlet Overview complete

IEC Appliance Outlet F, Screw-on Mounting, Front Side, Solder Terminal	4787
IEC Appliance Outlet F, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal	4788
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal	5091

[Appliance Outlet further types to GRF2](#)



Connector Overview complete

IEC Connector C15A, Rewireable, Straight	0102
IEC Connector C15A, Rewireable, Straight	0102-G
IEC Connector C15A, Rewireable, Angled	0112
IEC Connector C13, Rewireable, Angled	4012
IEC Connector C13, Rewireable, Straight	4022

[Connector further types to GRF2](#)