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

GRF2: only with shield, without line filter

C14

70° C

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/UL 60950

Other versions on request
- With solder terminals

References
Alternative: version with line filter

Weblinks
pdf-datasheet, html-datasheet, General Product Information, RoHS, CHINA-RoHS, REACH, Distributor-Stock-Check, Accessories, Detailed request for product
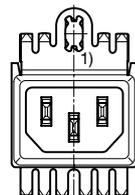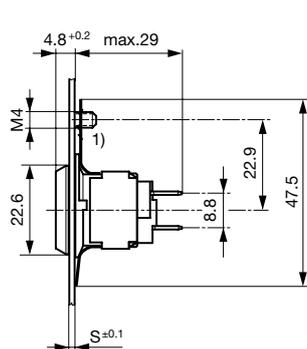
Technical Data

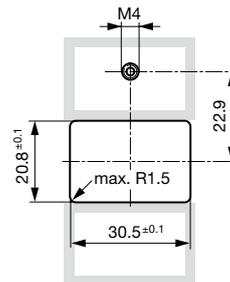|				
Ratings IEC	10 A @ Ta 40 °C / 250 VAC; 50 Hz		appliance inlet/-outlet	C14 acc. to IEC 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I
Ratings UL/CSA	15 A @ Ta 40 °C / 125 VAC; 60 Hz			
Dielectric Strength	> 1.7 kVDC between L-N > 2.7 kVDC between L/N-PE Test voltage (2 sec)		MTBF	> 3'300'000 h acc. to MIL-HB-217 F
Allowable Operation Temp.	-25 °C to 85 °C			
Climatic Category	25/085/21 acc. to IEC 60068-1			
IP-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			

Dimension
GRF2

1) Terminal for earth screw M4

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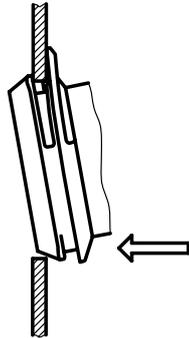
This area must be conductive for optimal shielding. Do not apply paint or coatings.
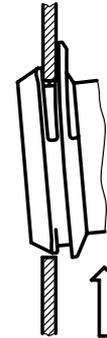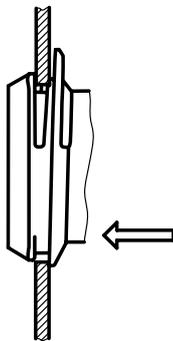
Assembly Instructions

Step 1

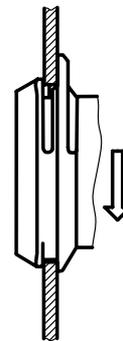Place the socket in top edge of the panel cut-out.

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.

All Variants

Rated Current IEC [A]	Rated Current UL [A]	Filter-Type	Panel Thickness s [mm]	Additional ground terminal	Weight [g]	Order Number
10	15	-	1.2	-	13.9 g	GRF2.0212.11
10	15	-	1.5	-	13.9 g	GRF2.0215.11
10	15	-	2	-	13.9 g	GRF2.0220.11
10	15	-	1.2	Quick connect terminal 4.8 x 0.8 mm	14 g	GRF2.0312.11
10	15	-	1.5	Quick connect terminal 4.8 x 0.8 mm	25 g	GRF2.0315.11
10	15	-	2	Quick connect terminal 4.8 x 0.8 mm	14 g	GRF2.0320.11

▌Most Popular.

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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

4782 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4782
4022 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13	4022
4785 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4785
4300-06 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
4012 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13	4012
Connector further types to GRF2	...

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