

IEC Appliance Inlet C14 with Fuseholder 2-pole, Line Switch 2-pole and Voltage Selector

C14  
  
70° C**Description**

- Panel Mount:  
Snap-in version from rear-side
- 4 Functions:  
Appliance Inlet Protection class I, Line Switch 2-pole, Fuseholder for fuse-links 5 x 20 mm on the rear-side, Voltage Selectors (Jumper)

**Approvals**

- VDE Certificate Number: 40024784
- UL File Number: E93617

**Characteristics**

- Short Mounting Depth  
Time saving "Lock and Shield" snap-in design for rear-panel mounting
- All single elements are already wired except voltage selector
- Fuseholder on the inside of the equipment prevents accidental use of incorrect fuse-links by the user
- Voltage selector for two voltage ranges
- Insulation cover on the rear-side
- Especially suitable for use in switching power supplies
- Qualified for use in equipment according IEC/EN 60950

**Other versions on request**

- Panel thickness 1.0 / 2 / 2.5 mm (max.)
- Fuseholder 1-pole
- Line switch 1-pole
- Line switch with other rocker marking
- Without housing and cover on the rear-side
- For protection class II (only without housing and cover on the rear-side)
- Voltage selector with other marking

**References**Alternative: version with line filter [GRM2](#); [GRM4](#)**Weblinks**

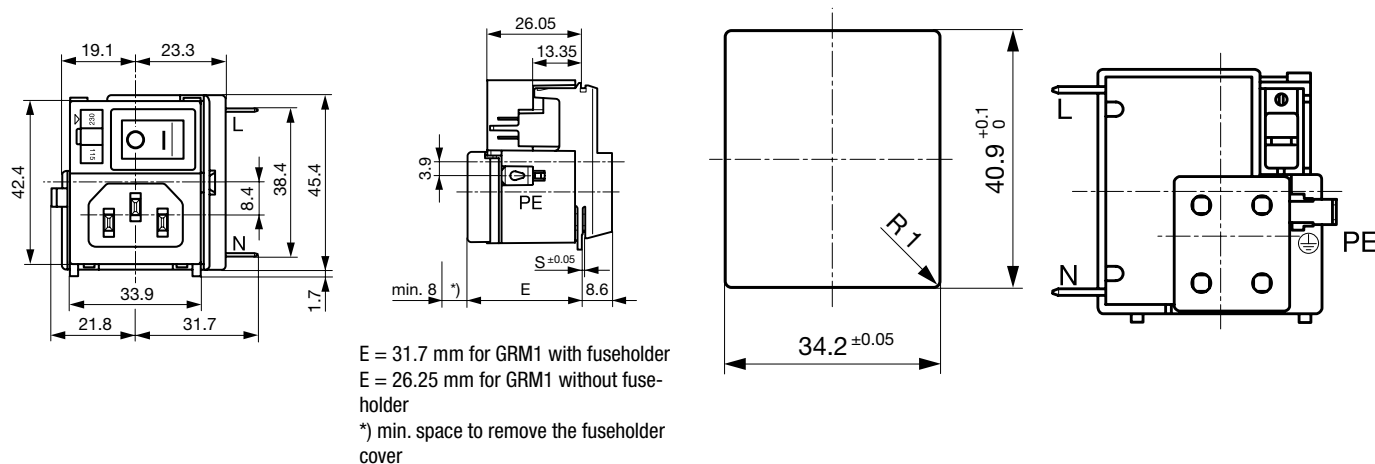
[pdf](#), [html](#), [General Product Information](#), [Approvals](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Accessories](#)

Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

**Technical Data**

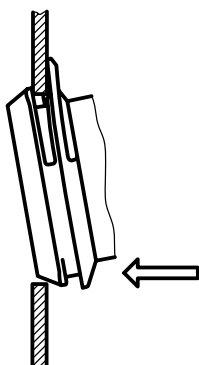
Ratings IEC	10 A / 250 VAC; 50/60 Hz	Appliance Inlet	C14 acc. to IEC/EN 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class 1
Ratings UL/CSA	10 A / 250 VAC; 50/60 Hz	Fuseholder	1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 mm
Dielectric Strength	> 2.3 kVAC between L-N > 2.8 kVAC between L/N-PE (1 min/50 Hz)	Rated Power Acceptance @ Ta 23 °C	5 x 20: 2 W (1 pole)/ 1.6 W (2-pole) per pole
Allowable Operation Temp.	-25 °C to 70 °C	Power Acceptance @ Ta > 23 °C	Admissible power acceptance at higher ambient temperature see derating curves
Degree of Protection	from front side IP 40 acc. to IEC 60529	Line Switch	Rocker switch 2-pole, non-illuminated, acc. to IEC 61058-1 <a href="#">Technical details</a>
Protection Class	Suitable for appliances with protection class 1 acc. to IEC 61140	Voltage Selectors	optional jumper, 2 pos.
Terminal	Quick connect terminals 4.8 x 0.8 mm Solder terminal on request Solder terminals on voltage selector		
Panel Thickness s	Snap-in: 1.5 mm (other on request)		
Material: Housing	Thermoplastic, black, UL 94V-0		

## Dimensions



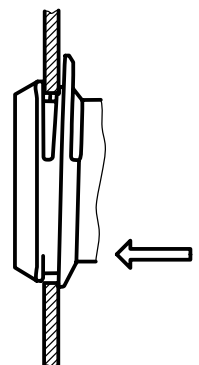
## Dimensions

Step 1



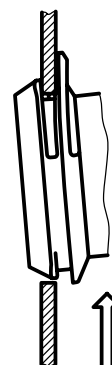
Place the socket in top edge of the panel cut-out.

Step 3



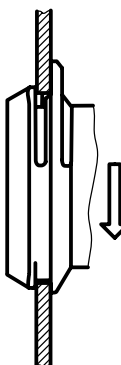
Push the socket forward into the panel cut-out.

Step 2



Push the socket upwards.

Step 4

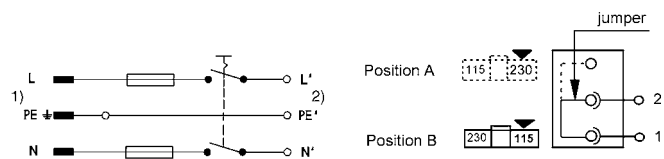


Release the socket. The component is self adjusting.

## Diagrams

Version: line switch and fuseholder  
 2-pole

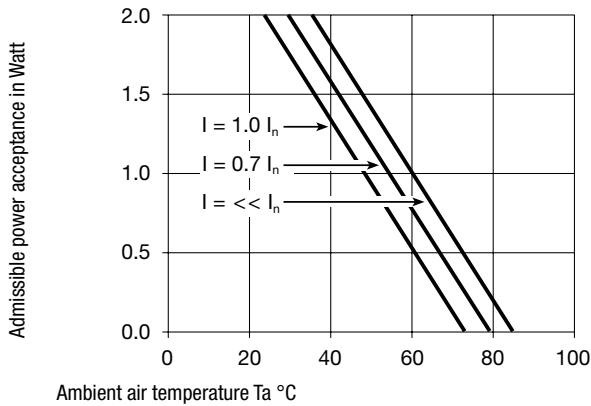
Voltage selector



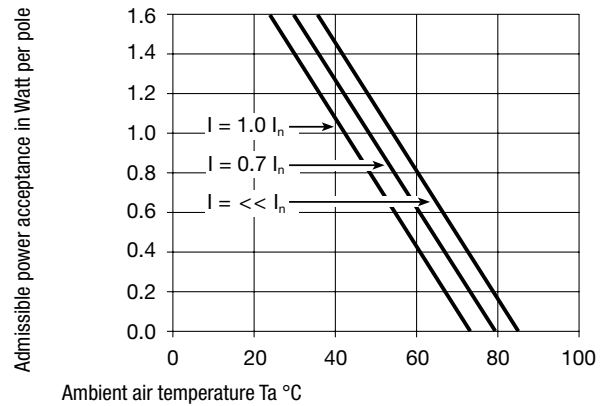
1) Line  
 2) Load

**Derating Curves**

1-pole



2-pole



**Variants**

Basic version:

- Marking of the voltage selector 115/230
- with housing and cover on the rear-side

Fuseholder	Voltage Selectors	Order Number
-		GRM1.1160.013
-	●	GRM1.1161.023
2-pole		GRM1.1180.013
2-pole	●	GRM1.1181.023

**Packaging unit** 20 Pcs

**Mating Outlets/Connectors**

Category / Description

[Appliance OutletOverview 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
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder or Quick-connect Terminal	5092

[Appliance Outletfurther types toGRM1](#)

[ConnectorOverview complete](#)



IEC Connector C15, Rewireable, Straight	0101
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

[Connectorfurther types toGRM1](#)

[Power CordOverview complete](#)



Power Cord with IEC Connector C13, Angled	0311
Power Cord with IEC Connector C13, Angled	3011
Power Cord with IEC Connector C13, Angled	3012
Power Cord with IEC Connector C13, Angled	3013
Power Cord with IEC Connector C13	3020

[Power Cordfurther types toGRM1](#)