

IEC Appliance Inlet C14 with Fuseholder 1- or 2-pole and Voltage Selector

Standard or Medical Fuse drawer



V-Lock



C14

 70° C

**Description**

- Panel Mount:
Screw-on version from front or rear side, snap-in version from front side
- 3 Functions:
Appliance Inlet Protection class I, Fuseholder with interchangeable fuse drawer for Fuse-links 5 x 20 mm or 6.3 x 32 mm 1- or 2-pole, Voltage Selector (series-parallel)
- Quick connect terminals 4.8 x 0.8 mm

Approvals

- VDE Certificate Number: 40011908
- UL File Number: E93617
- CSA File Number: 38456

Characteristics

- Available with or without internal partial wired connections
- For added safety "Extra-Safe" fuse drawers are available
Fuse drawer meets requirements of medical standard IEC/EN 60601-1
The fuse drawer can only be opened with the aid of a tool
The fuseholder is accessible from the equipment front
- Suitable for use in equipment according to IEC 60950

Other versions on request

- For protection class II

References

Alternative: version with line filter [CE](#)

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](#)

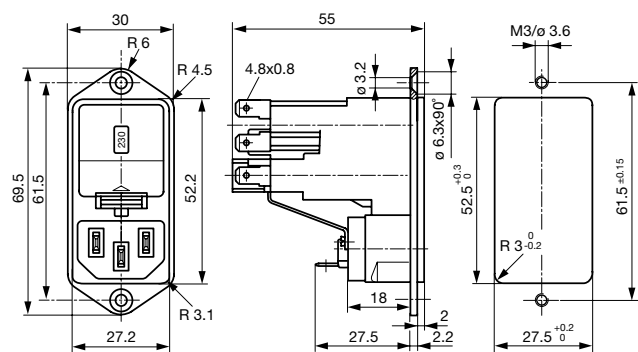
Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Technical Data

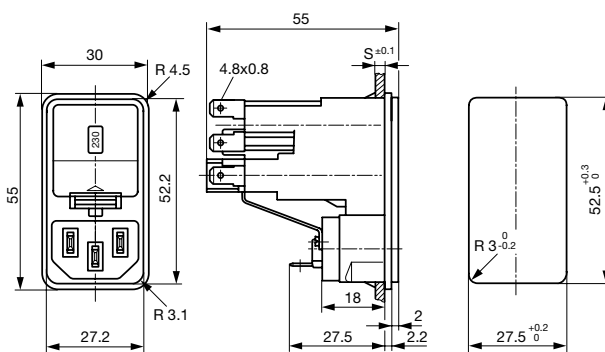
Ratings IEC	10A / 250VAC; 50Hz	Appliance Inlet	C14 acc. to IEC 60320, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I
Ratings UL/CSA	10A / 125VAC; 60Hz	Fuseholder	1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 or 6.3 x 32mm
Dielectric Strength	> 3kVAC between L-N > 4kVAC between L/N-PE (1 min/50 Hz)	Rated Power Acceptance @ Ta 23 °C	5 x 20: 2.5W (1 pole)/ 2W (2-pole) per pole 6.3 x 32: 3.15W (1 pole)/ 2.5W (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	Voltage Selector	series-parallel, 4, 3 or 2 switch positions or usable as 2-pole change-over switch
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140		
Terminal	Quick connect terminals 4.8 x 0.8 mm		
Panel Thickness s	Screw: max 8 mm Mounting screw torque max 0.5 Nm Snap-in: 1.5/2/2.5 mm		
Material: Housing	Thermoplastic, black, UL 94V-0		

Dimensions

Screw-on mounting

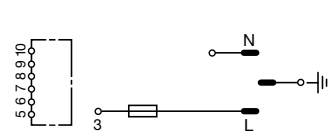


Snap-in mounting



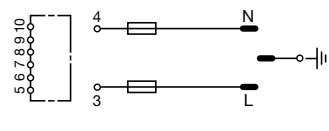
Diagrams

with partial wired internal connections



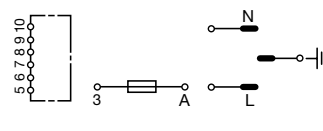
1-pole

with partial wired



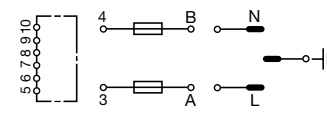
2-pole

without internal connections



1-pole

without internal connections

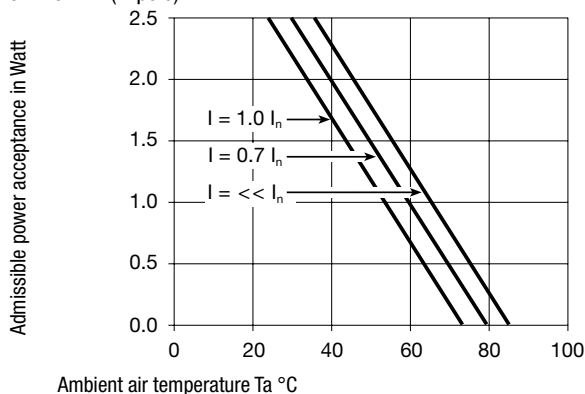


2-pole

Derating Curves

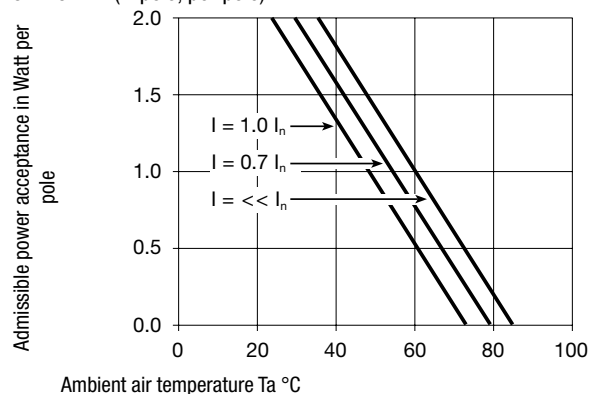
Fuses

5 x 20 mm (1-pole)



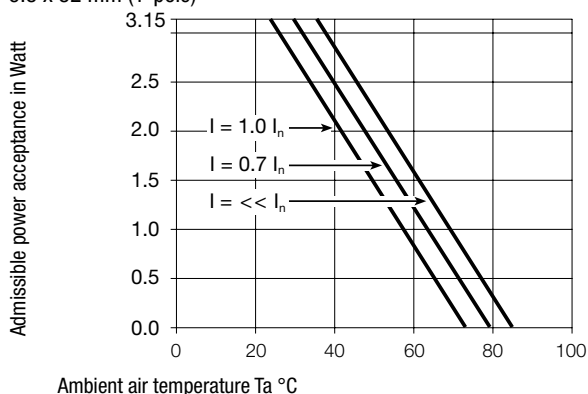
Fuses

5 x 20 mm (2-pole, per pole)



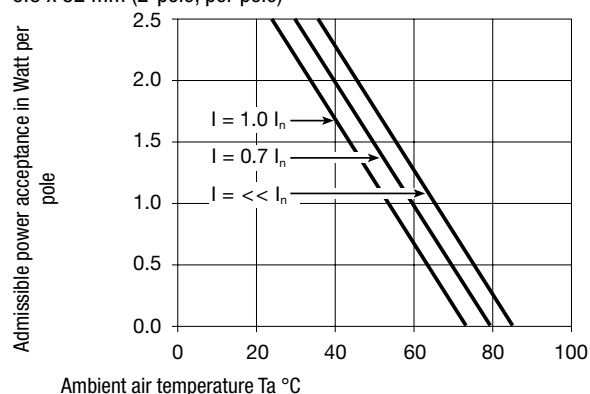
Fuses

6.3 x 32 mm (1-pole)



Fuses

6.3 x 32 mm (2-pole, per pole)



Variants

Fuseholder and voltage selector insert must be ordered separately

Panel mounting	Panel Thickness s [mm]	Fuseholder	Internally wired	Order Number
Screw	-	1 or 2 pole	prewired or unwired	KE20.2100.151
Screw	-	1-pole	unwired	KE15.1100.151
Screw	-	1-pole	partially wired	KE16.5100.151
Screw	-	2-pole	unwired	KE10.2100.151
Screw	-	2-pole	partially wired	KE10.6100.151
Snap-in	1.5	1-pole	unwired	KE15.1100.105
Snap-in	1.5	1-pole	partially wired	KE16.5100.105
Snap-in	2	1-pole	partially wired	KE16.5100.107
Snap-in	2.5	1-pole	partially wired	KE16.5100.109
Snap-in	1.5	2-pole	unwired	KE10.2100.105
Snap-in	2	2-pole	unwired	KE10.2100.107
Snap-in	2.5	2-pole	unwired	KE10.2100.109
Snap-in	1.5	2-pole	partially wired	KE10.6100.105
Snap-in	2	2-pole	partially wired	KE10.6100.107
Snap-in	2.5	2-pole	partially wired	KE10.6100.109

Packaging unit

20 Pcs

Required Accessory

Description



[Jumper Wire 1](#)
Connection with Stranded Cable

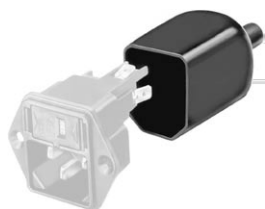


[Fusedrawer 1](#)
Fusedrawer for Fuse Links 5x20mm resp.. 6.3x32mm



[Voltage Selectors Insert 1](#)
Voltage Selector Insert to KE, CE, KG, CG

Accessories



[Assorted Covers](#)
Rear Cover



[Cord retaining kits](#)
Cord retaining strain relief

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 KE](#)

[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 KE](#)

...