

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

Medical fuse drawer



V-Lock



Description

- Panel Mount:
Screw-on version from front or rear side, snap-in version from front side
- 4 Functions:
Appliance Inlet, Protection class I Line Switch, 2-pole Fuseholder with interchangeable fuse drawer for Fuse-links 5x20 mm or 6.3x32 mm, Voltage Selector
- Quick connect terminals 4.8 x 0.8 mm

Approvals

- VDE Certificate Number: 40030343
- UL File Number: E93617
- CSA File Number: 38456

Characteristics

- All single elements are already partially wired
- 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/UL 60950

Other versions on request

- Line switch, illuminated
- Line switch with other rocker marking
- Line switch 1-pole
- For protection class II

References

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

Weblinks

[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Detailed request for product](#)

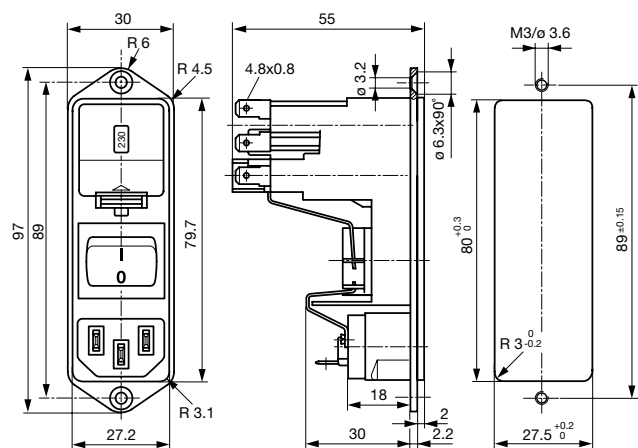
Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Technical Data

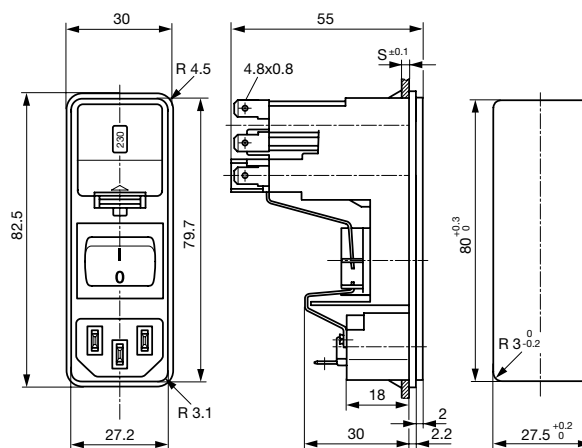
Ratings IEC	10 A / 250 VAC; 50 Hz	Appliance Inlet	C14 acc. to IEC 60320, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I
Ratings UL/CSA	10 A / 125 VAC; 60 Hz	Fuseholder	1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 or 6.3 x 32 mm
Dielectric Strength	> 3 kVAC between L-N > 4 kVAC between L/N-PE (1 min/50 Hz)	Rated Power Acceptance @ Ta 23 °C	5 x 20: 2.5 W (1 pole)/ 2 W (2-pole) per pole 6.3 x 32: 3.15 W (1 pole)/ 2.5 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 Technical Details
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140	Voltage Selector	series-parallel, 4, 3 or 2 switch positions or usable as 2-pole change-over switch
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



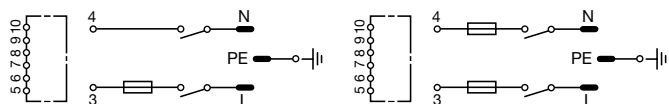
Snap-in mounting



Diagrams

with partial wired

with partial wired



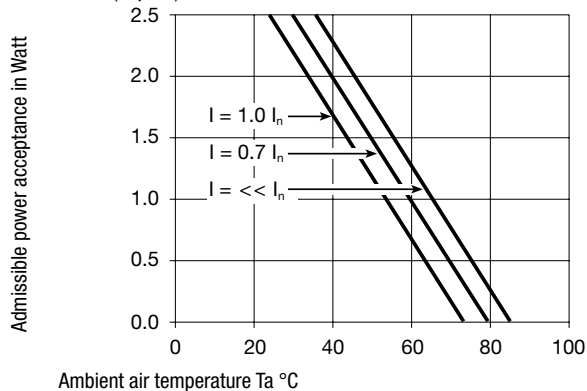
1-pole

2-pole

Derating Curves

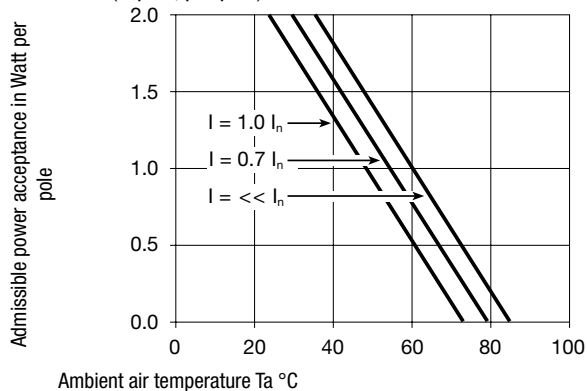
Fuses

5 x 20 mm (1-pole)



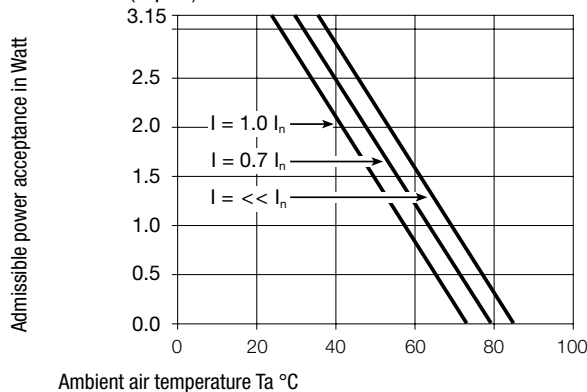
Fuses

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



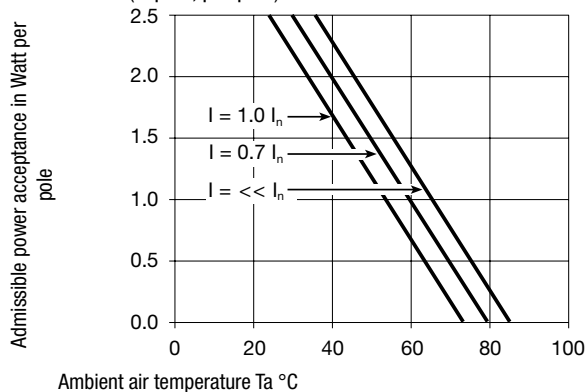
Fuses

6.3 x 32 mm (1-pole)



Fuses

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



All Variants

Type	Panel mounting	Panel Thickness s [mm]	Fuseholder	Line Switch	Order Number
KG	Snap-in	1.5	1-pole	Rocker switch	KG16.5101.105
KG	Snap-in	2	1-pole	Rocker switch	KG16.5101.107
KG	Snap-in	2.5	1-pole	Rocker switch	KG16.5101.109
KG	Snap-in	1.5	2-pole	Rocker switch	KG10.6101.105
KG	Snap-in	2	2-pole	Rocker switch	KG10.6101.107
KG	Snap-in	2.5	2-pole	Rocker switch	KG10.6101.109
KG	Screw	-	1-pole	Rocker switch	KG16.5101.151
KG	Screw	-	2-pole	Rocker switch	KG10.6101.151

Most Popular.

Availability for all products can be searched real-time: <http://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

Packaging unit 20 Pcs

Required Accessory

Description



Jumper Wire 1
Connection with Stranded Cable

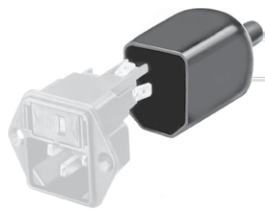


Fusedrawer 1
Fusedrawer for Fuse Links 5x20 mm resp. 6.3x32 mm



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 KG



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 KG

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Mating Outlets/Connectors shuttered



Power Cord Overview complete

Overview Power Supply Cord with IEC Connector C13, V-Lock, straight	VAC13KS
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Power Cord further types to KG