

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 Selectors (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
- Qualified for use in equipment according IEC/EN 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](#), [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.

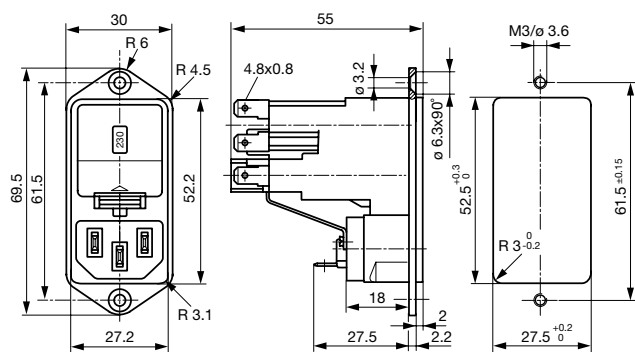
Technical Data

Ratings IEC	10A / 250VAC; 50Hz
Ratings UL/CSA	10A / 125VAC; 60Hz
Dielectric Strength	> 3 kVAC between L-N > 4 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temp.	-25 °C to 70 °C
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
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

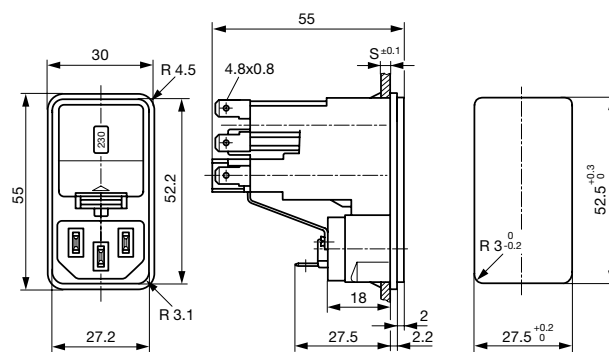
Appliance Inlet	C14 acc. to IEC 60320, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I
Fuseholder	1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 or 6.3 x 32 mm
Rated Power Acceptance @ Ta 23 °C	5 x 20: 2.5W (1 pole)/ 2W (2-pole) per pole 6.3 x 32: 3.15W (1 pole)/ 2.5W (2-pole) per pole
Power Acceptance @ Ta > 23 °C	Admissible power acceptance at higher ambient temperature see derating curves
Voltage Selectors	series-parallel, 4, 3 or 2 switch positions or usable as 2-pole change-over switch

Dimensions

Screw on PCB mounting



Snap-in mounting



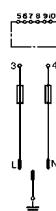
Diagrams

with partial wired
internal connections



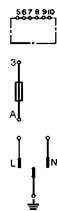
1-pole

with partial wired



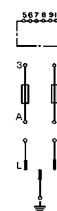
2-pole

without internal
connections



1-pole

without internal connections

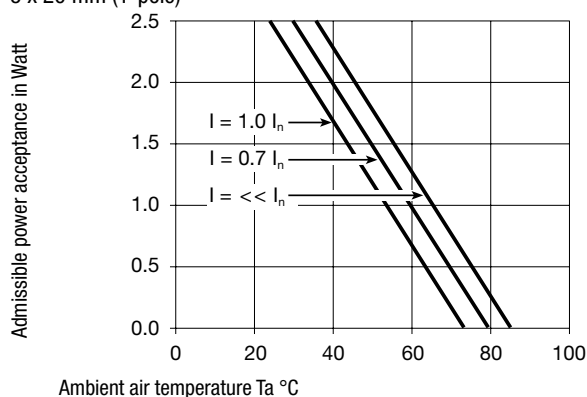


2-pole

Derating Curves

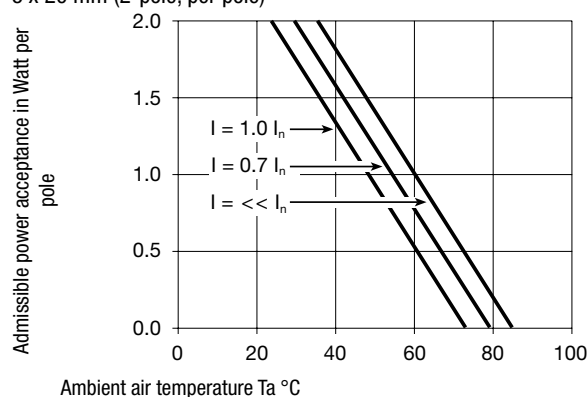
Fuses

5 x 20 mm (1-pole)



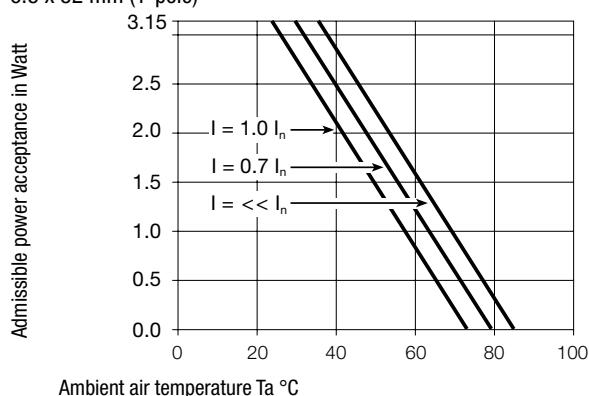
Fuses

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



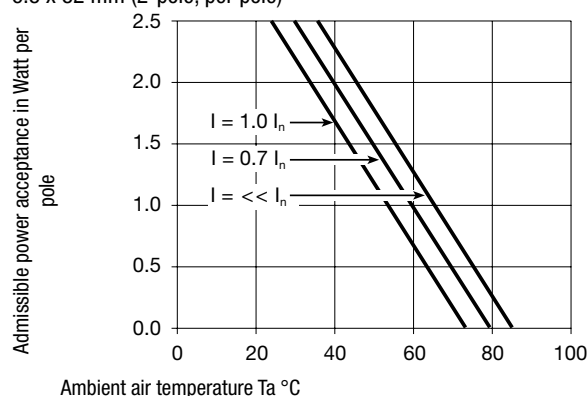
Fuses

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

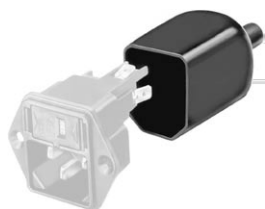


[Fusedrawer 1](#)
Fusedrawer for Fuse Links 5x20mm resp.. 6.3x32mm



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

[Appliance Outlet further types to KE](#)

[Connector Overview 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

[Connector further types to KE](#)

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[Power Cord Overview 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 Cord further types to KE](#)

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