

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

Standard or Medical Fuse drawer



Order required accessories separately



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 5x20 mm or 6.3x32 mm 1- or 2-pole, Voltage Selector (series-parallel)
- Quick connect terminals 4.8 x 0.8 mm

Approvals

- VDE Certificate Number: 40030339
- 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
- Suitable for use in equipment according to IEC/UL 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](#), [REACH](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Detailed request for product](#)

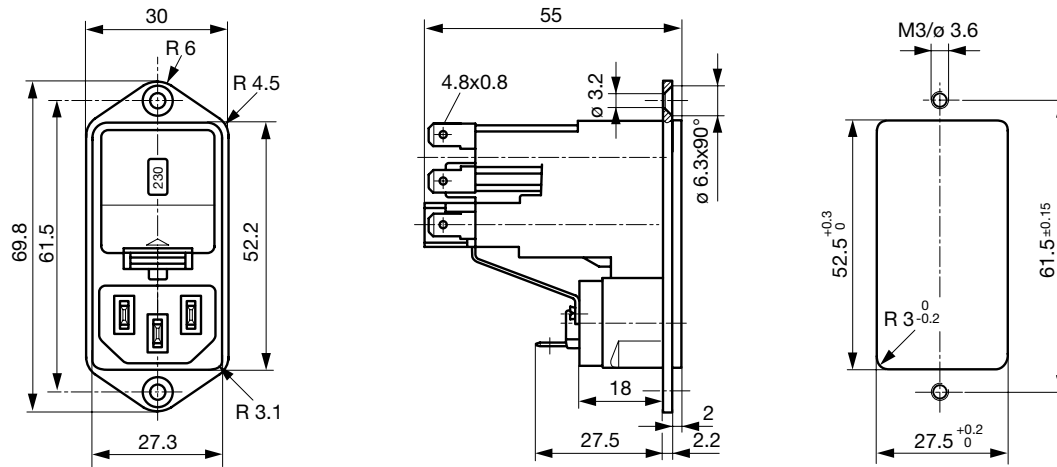
Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Technical Data

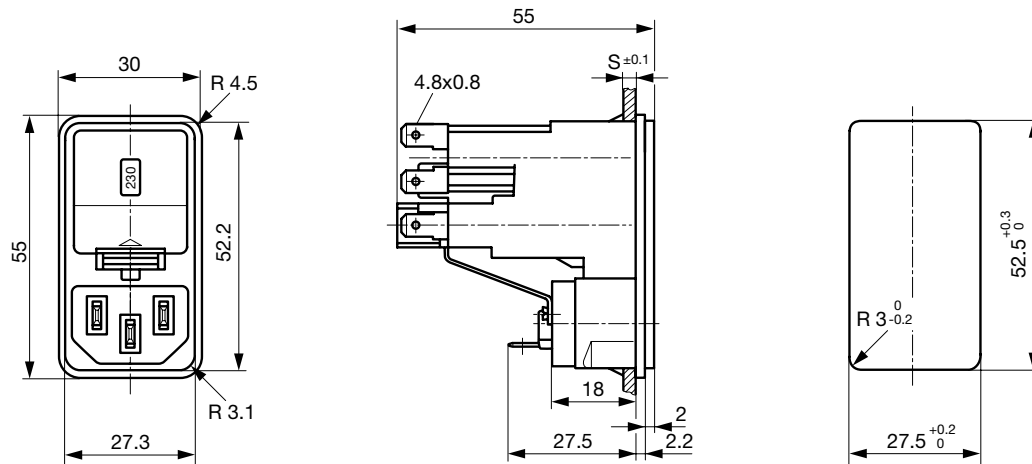
Ratings IEC	10 A / 250VAC; 50Hz	Appliance Inlet	C14 acc. to IEC 60320, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I
Ratings UL/CSA	10 A / 125VAC; 60Hz	Fuseholder	1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 or 6.3 x 32 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: 2.5W (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



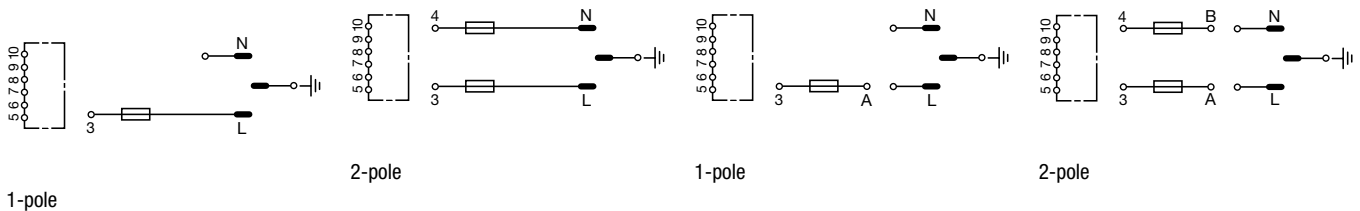
Diagrams

with partial wired internal connections

with partial wired

without internal connections

without internal connections



1-pole

2-pole

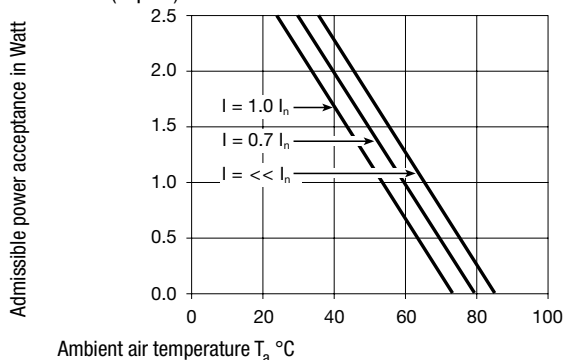
1-pole

2-pole

Derating Curves

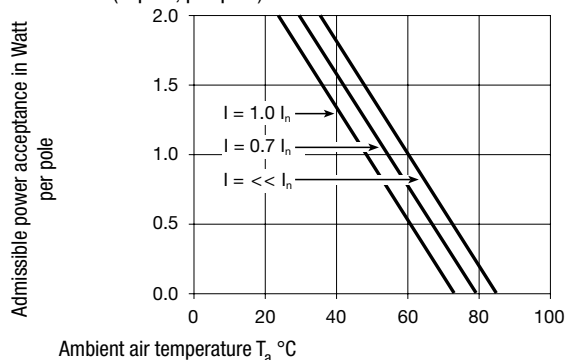
Fuses

5 x 20 mm (1-pole)



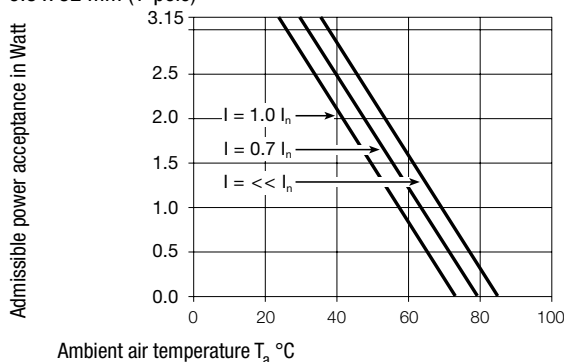
Fuses

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



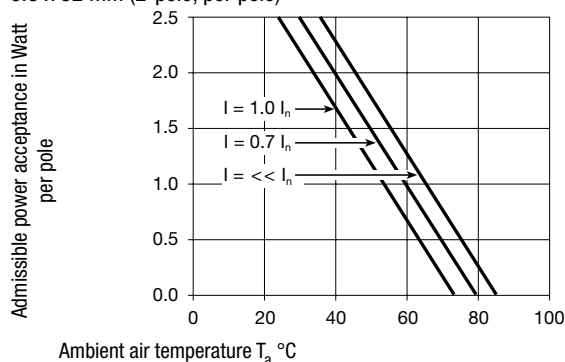
Fuses

6.3 x 32 mm (1-pole)



Fuses

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



All Variants

Panel mounting	Panel Thickness s [mm]	Fuseholder	Internally wired	Order Number
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
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

Most Popular.

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

Suffix ".21" corresponds to the version with 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.

Packaging unit 20 Pcs

Required Accessory

Description



Voltage Selectors Insert 1
Voltage Selector Insert to KE, CE, KG, CG

3 or 4 switch positions	4305.0048.00
1, 3 or 4 switch positions, 100, 120, 220, 240	4305.0048.01
3, 3 or 4 switch positions, 130, 110, 240, 220	4305.0048.02
2, 2 switch positions, 110, 220	4305.0048.03
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Fusedrawer 1
Fusedrawer for Fuse Links 5x20 mm resp. 6.3x32 mm

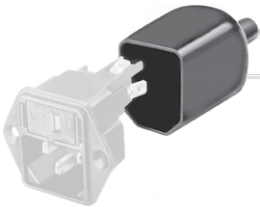
5 x 20, 2-pole	4305.0001
5 x 20, 1-pole	4305.0006
6.3 x 32, 2-pole	4305.0011
6.3 x 32, 1-pole	4305.0016
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Jumper Wire 1
Connection with Stranded Cable

Type A, 70 mm	0881.0074
Type A, 100 mm	0881.0075
Type B, 70 mm	0881.0076
Type B, 100 mm	0881.0077

Accessories



Assorted Covers
Rear Cover

0859.0076



Cord retaining kits
Cord retaining strain relief

Flat head, A	4700.0001
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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](#)

4782 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13	4782
4022 Mounting: Power Supply Cord, 3 x 1.5 mm ² , Screw clamps, Connector: IEC C13	4022
4785 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13	4785
4300-06 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
4012 Mounting: Power Supply Cord, 3 x 1.5 mm ² , Screw clamps, Connector: IEC C13	4012

[Connector further types to KE](#)

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Mating Outlets/Connectors shuttered



[Power Cord Overview complete](#)

VAC17KS, North America, 2.0 m, Connector C17, cord end:	6051.2801
VAC17KS, Europlug, 2.0 m, Connector IEC C17, cord end:	6051.2803
VAC17KS, Europlug, 2.0 m, Connector IEC C17, cord end:	6051.2813
VAC13KS, Overview, diverse Connector IEC C13, cord end:	VAC13KS

[Power Cord further types to KE](#)