

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

Medical fuse drawer



C14

 70 °C

**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, 1- or 2-pole Fuseholder with interchangeable fuse drawer for Fuse-links 5 x 20 mm or 6.3 x 32 mm, Voltage selector
- Quick connect terminals 4.8 x 0.8 mm
- Alternative: version with line filter [CG](#)

Approvals

- VDE License Number: 40011909
- UL License Number: E93617
- CSA License 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
- Qualified for use in equipment according IEC/EN 60950

Other versions on request

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

Weblinks

[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [e-Store](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#)

Technical Data

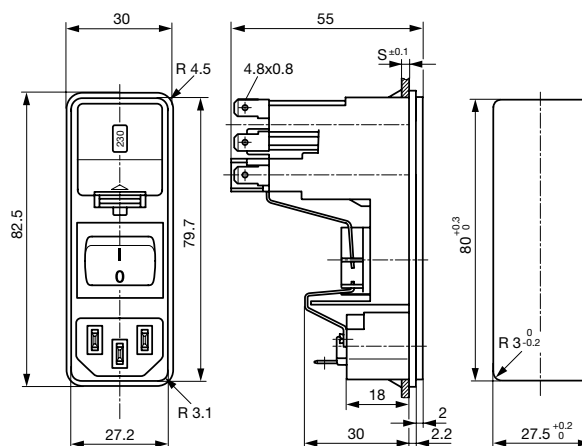
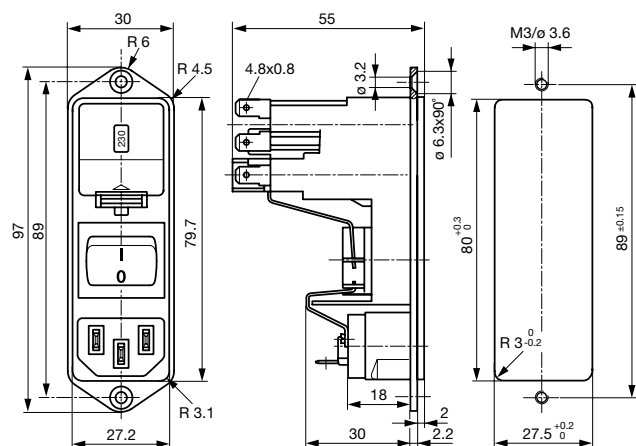
Ratings IEC	10A / 250VAC; 50Hz
Ratings UL/CSA	10A / 125VAC; 60Hz
Dielectric Strength	> 3 kVAC between L-N > 4 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temp.	-25 °C to 70 °C
Degree of Protection	from front side IP 40 acc. to IEC 60529
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Quick connect terminals 4.8 x 0.8 mm
Panel Thickness s	Screw-on: 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/-Outlet	C14 acc. to IEC/EN 60320-1, 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
Line Switch	Rocker switch 2-pole, non-illuminated, acc. to IEC 61058-1 Technical details
Voltage selector	series-parallel, 4, 3 or 2 switch positions or usable as 2-pole change-over switch

Dimensions

Screw-on mounting

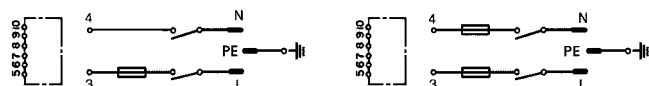
Length | Snap-in mounting | 97 mm



Diagrams

with partial internal connections

with partial internal connections



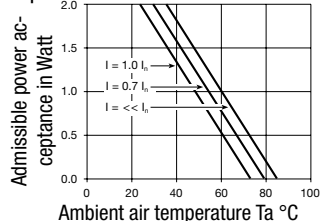
1-pole

2-pole

Derating Curves

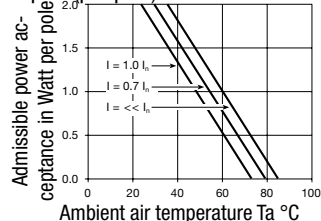
Fuses 5 x 20 mm

1-pole



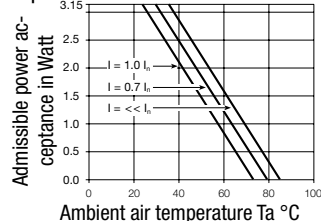
Fuses 5 x 20 mm

2-pole (per pole)



Fuses 6,3 x 32 mm

1-pole



Variants

partial wired

Fuse drawer and voltage selector insert must be ordered separately

[Distributor-Stock-Check](#) | [SCHURTER-Stock-Check](#) | [e-Store](#)

Type	Panel mounting	Panel Thickness s [mm]	Fuseholder	Line Switch	Order Number
KG	Screw-on	-	1 pole	Rocker switch	KG16.5101.151
KG	Screw-on	-	2-pole	Rocker switch	KG10.6101.151
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

Packaging unit

20 Pcs

Required Accessory

Description



Jumper Wire 1
Connection with Starnded Cable

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



Fusedrawer 1
Drawer for fuse links 5x20mm resp. 6.3x32mm

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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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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Accessory



Assorted Covers
Rear Cover

0859.0109



Cord retaining kits
Cord retaining strain relieve

Flat head, A	4700.0001
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Mating Outlets/Connectors

Category / Description



Appliance Outlet

IEC appliance outlet F, screw-on mounting, front side, solder /quick connect terminal	4787
IEC appliance outlet F, screw-on mounting, front side, solder /quick connect terminal	4788
IEC appliance outlet F oder H, screw-on mounting, front side, solder/PCB/quick connect terminal	5091
IEC appliance outlet F oder H, screw-on mounting, front side, solder/quick connect terminal	5092



Connector

IEC cord connector C15, rewirable, straight	0101
IEC cord connector C15A, rewirable, straight	0102
IEC cord connector C15A, rewirable, straight	0102-G
IEC cord connector C15A, rewirable, angled	0112
IEC cord connector C13, rewirable, angled	4012
IEC cord connector C13, rewirable, angled	4013
IEC cord connector C13, rewirable, straight	4020
IEC cord connector C13, rewirable, straight	4021
IEC cord connector C13, rewirable, straight	4022
IEC cord connector C13, rewirable, angled	4300-06

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Power Supply or Interconnection Cord



Power Cord with IEC Appliance Connector C13, angled, 70°C	0311
Power Cord with IEC Appliance Connector C13, angled, 70°C	3011
Power Cord with IEC Appliance Connector C13, angled, 70°C	3012
Power Cord with IEC Appliance Connector C13, angled, 70°C	3013
Power Cord with IEC Appliance Connector C13, 70°C	3020
Power Cord with IEC Appliance Connector C13, straight, 70°C	3027
Power Cord with IEC Appliance Connector C13, straight, 70°C	302U
Power Cord with IEC Appliance Connector C13, straight, 70°C	3030
Power Cord with IEC Appliance Connector C13, angled, 70°C	311L
Power Cord with IEC Appliance Connector C13, angled, 70°C	312L

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