

Line switch with/without bowden cable, fuseh. 5x20/6.3x32 mm, voltage selector

Standard- or Medical-Filter



Fuse drawer must be ordered separately (see accessories).

C14



70 °C



Description

- Panel Mount:
Screw-on from front side
- 5 Functions:
Appliance Inlet, Line switch, Fuseholder with interchangeable fuse drawer for Fuse-links 5 x 20 mm or 6.3 x 32 mm, with or without voltage selector (step switch), Line filter in standard and medical version
- Quick connect terminals 4.8 x 0.8 mm
- Alternative: version without line filter [KD](#)

Approvals

- VDE License Number: 40004665 (FKSO, FKSP, FKSU, FKSV)
- UL License Number: E72928 (FKSO, FKSP, FKSU, FKSV)

Characteristics

- All single elements are already wired
- The fuse drawer "Fingergrip" can be removed by hand
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

References

[General Product Information](#)

Weblinks

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

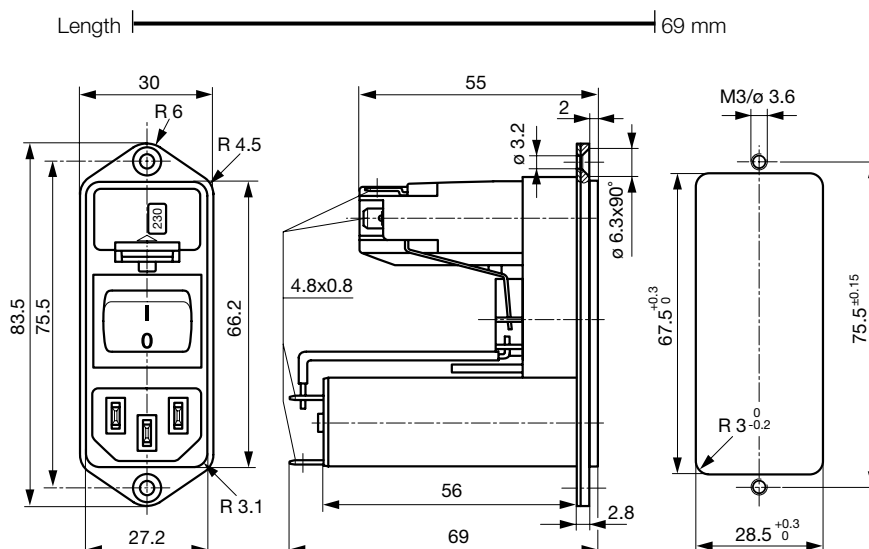
Technical Data

Ratings IEC	1 - 10A @ Ta 40 °C / 250VAC; 50Hz
Ratings UL/CSA	1 - 10A @ Ta 40 °C / 125VAC; 60Hz
Leakage Current	standard < 0.5 mA (250 V / 60 Hz) medical < 5 µA (250 V / 60 Hz)
Dielectric Strength	> 1.7 kVDC between L-N > 2.7 kVDC between L/N-PE Test voltage (2 sec)
Allowable Operation Temp.	-25 °C to 85 °C
Climatic Category	25/085/21 acc. to IEC 60068-1
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 8mm Mounting screw torque max 0.5 Nm
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	optional, step, 2-4 digits
Line Filter	Standard and Medical Version, IEC 60939, IEC 60601-1, UL 1283, UL 544, EN 133 200, CSA C22.2 no. 8 Technical details
MTBF	> 1'200'000h acc. to MIL-HB-217 F

Dimensions

CD



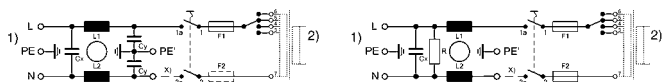
Technical Data of Filter-Components

Rated Current [A]	Filter-Type	Inductances L [mH]	Capacitance CX [nF]	Capacitance CY [nF]	R [M Ω]
1	Standard Version	2 x 10	68	2.2	-
2	Standard Version	2 x 4	68	2.2	-
4	Standard Version	2 x 1.5	68	2.2	-
6	Standard Version	2 x 0.8	68	2.2	-
10	Standard Version	2 x 0.3	68	2.2	-
1	Medical Version (M5)	2 x 10	68	-	1
2	Medical Version (M5)	2 x 4	68	-	1
4	Medical Version (M5)	2 x 1.5	68	-	1
6	Medical Version (M5)	2 x 0.8	68	-	1
10	Medical Version (M5)	2 x 0.3	68	-	1

Diagrams

Standard version with voltage selector

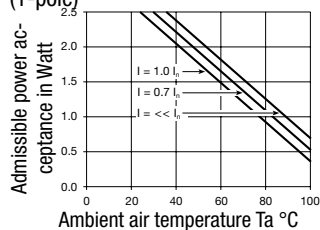
Medical version with voltage selector



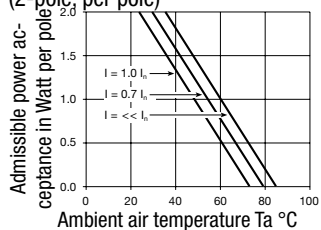
- 1) Line
2) Load
x) External connection to be made by the customer

Derating Curves

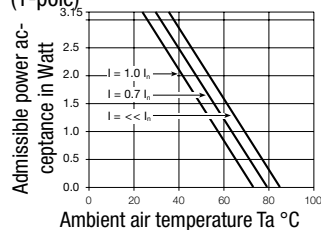
Fuses 5 x 20 mm (1-pole)



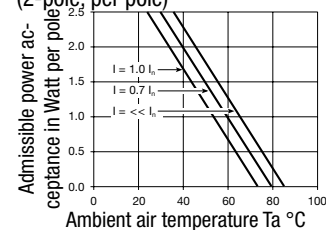
Fuses 5 x 20 mm (2-pole, per pole)



Fuses 6,3 x 32 mm (1-pole)



Fuses 6,3 x 32 mm (2-pole, per pole)

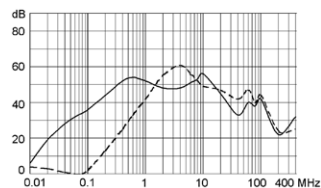


Attenuation Loss

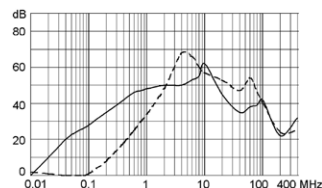
Standard version

- - - differential mode ____ common mode

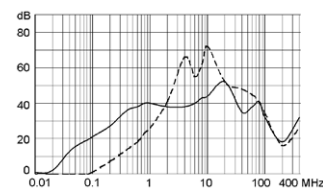
1 A



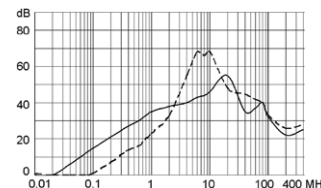
2 A



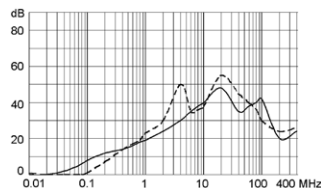
4 A



6 A

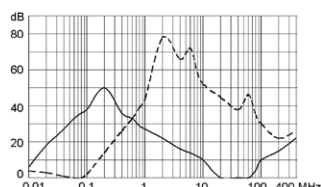


10 A

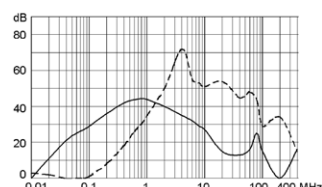


Medical version (M5)

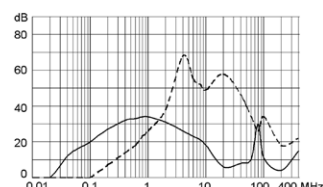
1 A



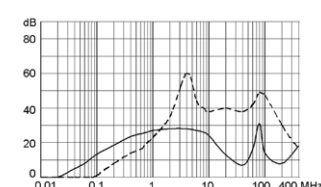
2 A



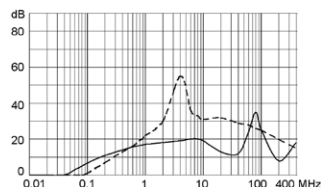
4 A



6 A



10 A

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

Type	Rated Current [A]	Filter-Type	Fuseholder	Line Switch	Voltage selector	Order Number
CD	1	Standard Version	1 pole	2-pole	-	CD11.1501.151
CD	2	Standard Version	1 pole	2-pole	-	CD21.1501.151
CD	4	Standard Version	1 pole	2-pole	-	CD31.1501.151
CD	6	Standard Version	1 pole	2-pole	-	CD41.1501.151
CD	10	Standard Version	1 pole	2-pole	-	CD61.1501.151
CD	1	Standard Version	1 pole	2-pole	2-4 digits	CD11.4501.151
CD	2	Standard Version	1 pole	2-pole	2-4 digits	CD21.4501.151
CD	4	Standard Version	1 pole	2-pole	2-4 digits	CD31.4501.151
CD	6	Standard Version	1 pole	2-pole	2-4 digits	CD41.4501.151
CD	10	Standard Version	1 pole	2-pole	2-4 digits	CD61.4501.151
CD	1	Standard Version	2-pole	2-pole	-	CD14.1101.151
CD	2	Standard Version	2-pole	2-pole	-	CD24.1101.151
CD	4	Standard Version	2-pole	2-pole	-	CD34.1101.151
CD	6	Standard Version	2-pole	2-pole	-	CD44.1101.151
CD	10	Standard Version	2-pole	2-pole	-	CD64.1101.151
CD	1	Standard Version	2-pole	2-pole	2-4 digits	CD14.4101.151
CD	2	Standard Version	2-pole	2-pole	2-4 digits	CD24.4101.151

Type	Rated Current [A]	Filter-Type	Fuseholder	Line Switch	Voltage selector	Order Number
CD	4	Standard Version	2-pole	2-pole	2-4 digits	CD34.4101.151
CD	6	Standard Version	2-pole	2-pole	2-4 digits	CD44.4101.151
CD	10	Standard Version	2-pole	2-pole	2-4 digits	CD64.4101.151
CD	1	Medical Version (M5)	2-pole	2-pole	2-4 digits	CDG4.4101.151
CD	2	Medical Version (M5)	2-pole	2-pole	2-4 digits	CDA4.4101.151
CD	4	Medical Version (M5)	2-pole	2-pole	2-4 digits	CDC4.4101.151
CD	6	Medical Version (M5)	2-pole	2-pole	2-4 digits	CDE4.4101.151
CD	10	Medical Version (M5)	2-pole	2-pole	2-4 digits	CDL4.4101.151

Packaging unit 10 Pcs

Required Accessory

Description

Fusedrawer 3

Drawers for fuse links 5x20mm resp. 6.3x32mm



Fingergrip, 5 x 20, 2-pole, Voltage selector	4303.2014.00
Fingergrip, 5 x 20, 2-pole, Voltage selector, 100, 120, 220, 240	4303.2014.01
Fingergrip, 5 x 20, 2-pole, Voltage selector, 110, 150, 220	4303.2014.02
Fingergrip, 5 x 20, 2-pole, Voltage selector, 110, 220	4303.2014.03

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Accessory



Assorted Covers

Rear Cover

0859.0077



Cord retaining kits

Cord retaining strain relieve

Flat head, A	4700.0001
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Passende Dose

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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