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

Standard or Medical Fuse drawer

new

C14

70° C

RoHS Compliant 2002/95/EC

c UL us

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Description
- Panel Mount:
  Screw-on version from front or rear side
- 3 Functions:
  Appliance Inlet Protection class I, Line Switch 2-pole, Fuseholder for fuse-links 5 x 20 mm 1- or 2-pole
- Quick connect terminals 4.8 x 0.8 mm

Approvals
- VDE Certificate Number: 40018283
- UL File Number: E93617

Characteristics
- Ultra-compact design. Ideal for low profile designs
- All single elements are already wired
- Fuse drawer meets requirements of medical standard IEC/EN 60601-1
  The fuseholder is accessible from the equipment front
  For added safety "Extra-Safe" fuse drawers are available
- Ideal for application with high transient loads
  Designed for standard and medical applications
- Qualified for use in equipment according IEC/EN 60950

Other versions on request
- Solder terminals
- Fuse drawer 1-pole, plus spare fuse case
- Fuse drawer 2-pole, with shorting bar
- Other rocker marking
- Line switch 1-pole
- Protection class II, 70°C

References
Alternative: version with line filter   DD12
Alternative: version for snap-in mounting   KM
Alternative: version for PCB mounting   DD21

Weblinks
General Product Information, Approvals, RoHS, CHINA-RoHS, Mating Connectors, e-Store, SCHURTER-Stock-Check, Distributor-Stock-Check, Accessories, Wire Harness

Technical Data

|	
Ratings IEC	10 A / 250 VAC; 50 Hz
Ratings UL/CSA	8 A / 250 VAC; 60 Hz [1]
Dielectric Strength	> 2.5 kVAC between L-N > 3 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temp.	-25 °C to 85 °C
Degree of Protection	from front side IP 40 acc. to IEC 60529
Protection Class	Suitable for appliances with protection class 1 acc. to IEC 61140
Terminal	Quick connect terminals 4.8 x 0.8 mm
Panel Thickness s	Screw-on mounting: max 8 mm Mounting screw torque max 0.5 Nm Rear side mounting: max 2 mm
Material: Housing	Thermoplastic, black, UL 94V-0

1) with cover 7 A, without cover 8 A

Appliance Inlet	C14 acc. to IEC/EN 60320-1 UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class 1
Fuseholder	1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 mm
Rated Power Acceptance @ Ta 23 °C	5 x 20: 2 W (1 pole)/ 1.6 W (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 or illuminated, acc. to IEC 61058-1 Technical details

Connectors

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Dimensions
Screw version

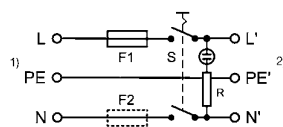├─────────── 65 mm
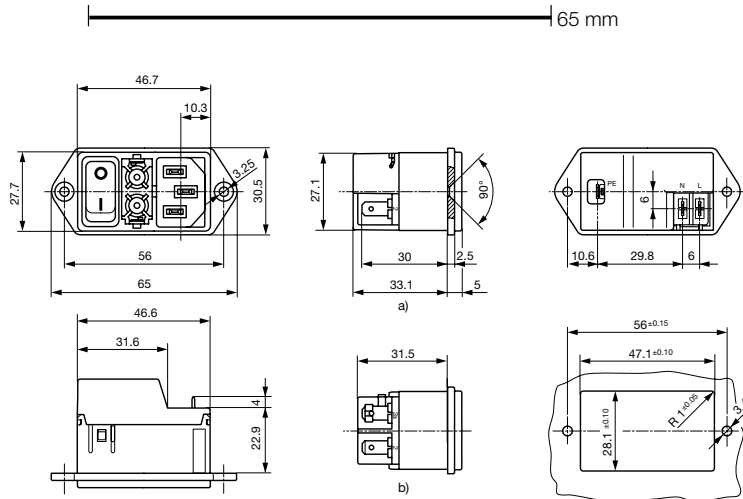
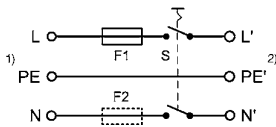a) view with cover
b) view without cover

Diagrams

non illuminated   illuminated

1) Line   1) Line
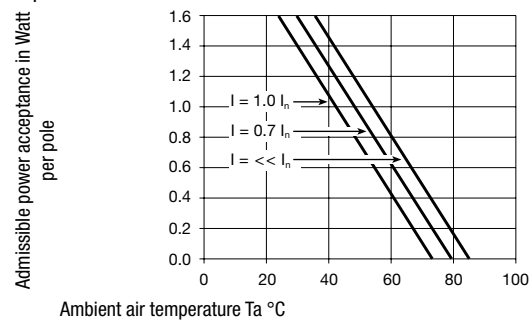2) Load   2) Load

Derating Curves

1-pole   2-pole

Admissible power acceptance in Watt

I = 1.0 Iₙ
I = 0.7 Iₙ
I = << Iₙ

Ambient air temperature Ta °C

Admissible power acceptance in Watt per pole

I = 1.0 Iₙ
I = 0.7 Iₙ
I = << Iₙ

Ambient air temperature Ta °C
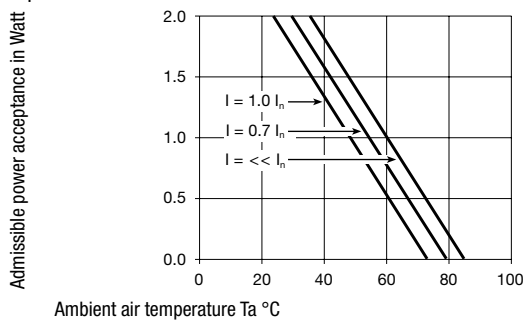
Variants

Fuse drawer must be ordered separately (see accessories).
Fingergrip and Extra Safe. The same drawer as used by type KEA.

Fuseholder	Line Switch	Illumination	Color	Cover [1]	Order Number
1-pole	2-pole	non-illuminated	-		DD11.0111.1110
1-pole	2-pole	illuminated	red		DD11.0113.1110
1-pole	2-pole	illuminated	green		DD11.0114.1110
2-pole	2-pole	non-illuminated	-		DD11.0121.1110
2-pole	2-pole	illuminated	red		DD11.0123.1110
2-pole	2-pole	illuminated	green		DD11.0124.1110
1-pole	2-pole	non-illuminated	-	●	DD11.0111.1111
1-pole	2-pole	illuminated	red	●	DD11.0113.1111
1-pole	2-pole	illuminated	green	●	DD11.0114.1111

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Connectors

2-pole	2-pole	non-illuminated	-	●	DD11.0121.1111
2-pole	2-pole	illuminated	red	●	DD11.0123.1111
2-pole	2-pole	illuminated	green	●	DD11.0124.1111

[1] current rating UL: with cover 7 A, without cover 8 A

Packaging unit   50 Pcs

Required Accessory

Description

Fusedrawer 2
Fusedrawer with and without Voltage Selector Insert

Fingergrip, 2-pole	4301.1401
Extra-Safe, 2-pole	4301.1403
Fingergrip, 1-pole	4301.1405
Extra-Safe, 1-pole	4301.1407
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Accessories

Wire Harness
Wire harness for SCHURTER products

Cord retaining kits
Cord retaining strain relief

Flat head, A	4700.0001

Mating Outlets/Connectors

Category / Description

Appliance OutletOverview 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 Outletfurther types toDD11	

ConnectorOverview 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
Connectorfurther types toDD11	...

Connectors

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Category / Description

Power CordOverview 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 Cordfurther types toDD11	...

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The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments.