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

Standard or Medical Fuse drawer

new

C14

70° C

RoHS COMPLIANT 2002/95/EC

Description
- Panel Mount:
  Screw-on mounting on PCB from 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
- PCB solder terminals
- With cover on rear-side

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

Characteristics
- Ultra-compact design. Ideal for low profile designs
- All single elements are already 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
- Ideal for application with high transient loads
- Qualified for use in equipment according IEC/EN 60950

Other versions on request
- 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
- Without cover

References
Alternative: version with line filter   DD22
Alternative: version for panel mounting   DD11

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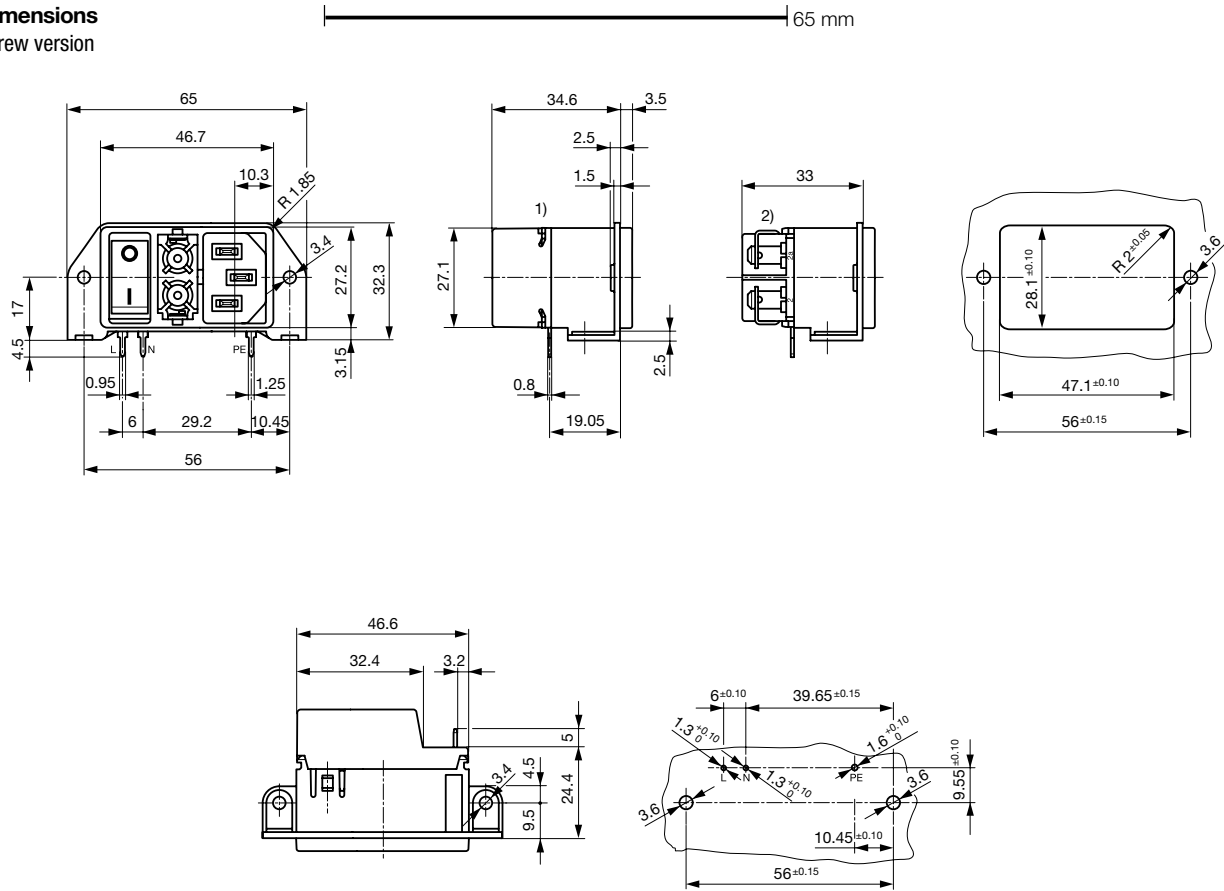
Technical Data

Ratings IEC	10 A / 250 VAC; 50 Hz
Ratings UL/CSA	10 A / 125 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 or 2 acc. to IEC 61140
Terminal	For PCB mounting 3 mm, Ground terminal, additional quick connect 4.8 x 0.8 mm
Panel Thickness s	Screw-on mounting: max 3 mm Mounting screw torque max 0.5 Nm
Material: Housing	Thermoplastic, black, UL 94V-0

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

1) with cover 8 A, without cover 10 A

Connectors

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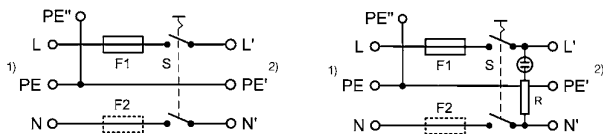ELECTRONIC COMPONENTS

1

Dimensions
Screw version

65 mm

1) with cover
2) without cover
For grounding additional quick connect terminal 4.8 x 0.8 mm
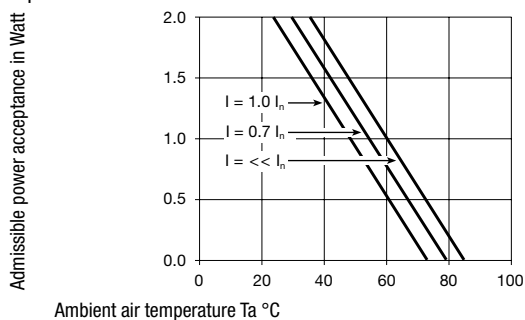
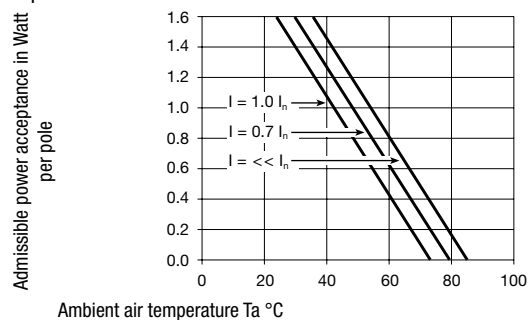## Diagrams
non illuminated   illuminated

1) Line
2) Load

1) Line
2) Load

Derating Curves
1-pole   2-pole

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	Order Number
1-pole	2-pole	non-illuminated	-	DD21.0111.1111
1-pole	2-pole	illuminated	red	DD21.0113.1111
1-pole	2-pole	illuminated	green	DD21.0114.1111
2-pole	2-pole	non-illuminated	-	DD21.0121.1111
2-pole	2-pole	illuminated	red	DD21.0123.1111
2-pole	2-pole	illuminated	green	DD21.0124.1111

UL approvals: versions without cover are approved for 10 A, and can be ordered with "0" as last digit of the
order number (e.g. DD21.xxxx.xxx**0**)

Packaging unit   40 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
	...

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 toDD21

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 toDD21	...

Connectors

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ELECTRONIC COMPONENTS

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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 toDD21	...

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ELECTRONIC COMPONENTS

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