

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

Standard or Medical Fuse drawer



V-Lock



Order required accessories separately



Description

- Panel Mount :
Screw-on mounting on PCB/Panel backside with screws M3
- 3 Functions :
Appliance Inlet Protection class I , Line Switch 2-pole , Fuseholder for fuse-links 5 x 20 mm 1- or 2-pole
- V-Lock notch standard
- PCB terminals
- With cover on rear-side

Approvals

- Approval Reference Type: DD21
- 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
- Ideal for application with high transient loads
- Suitable for use in equipment according to IEC/UL 60950

Other versions on request

- Fixing on PCB with self-tapping screws 3 mm or pre-inserted nuts M3
- 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

[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#)

Technical Data

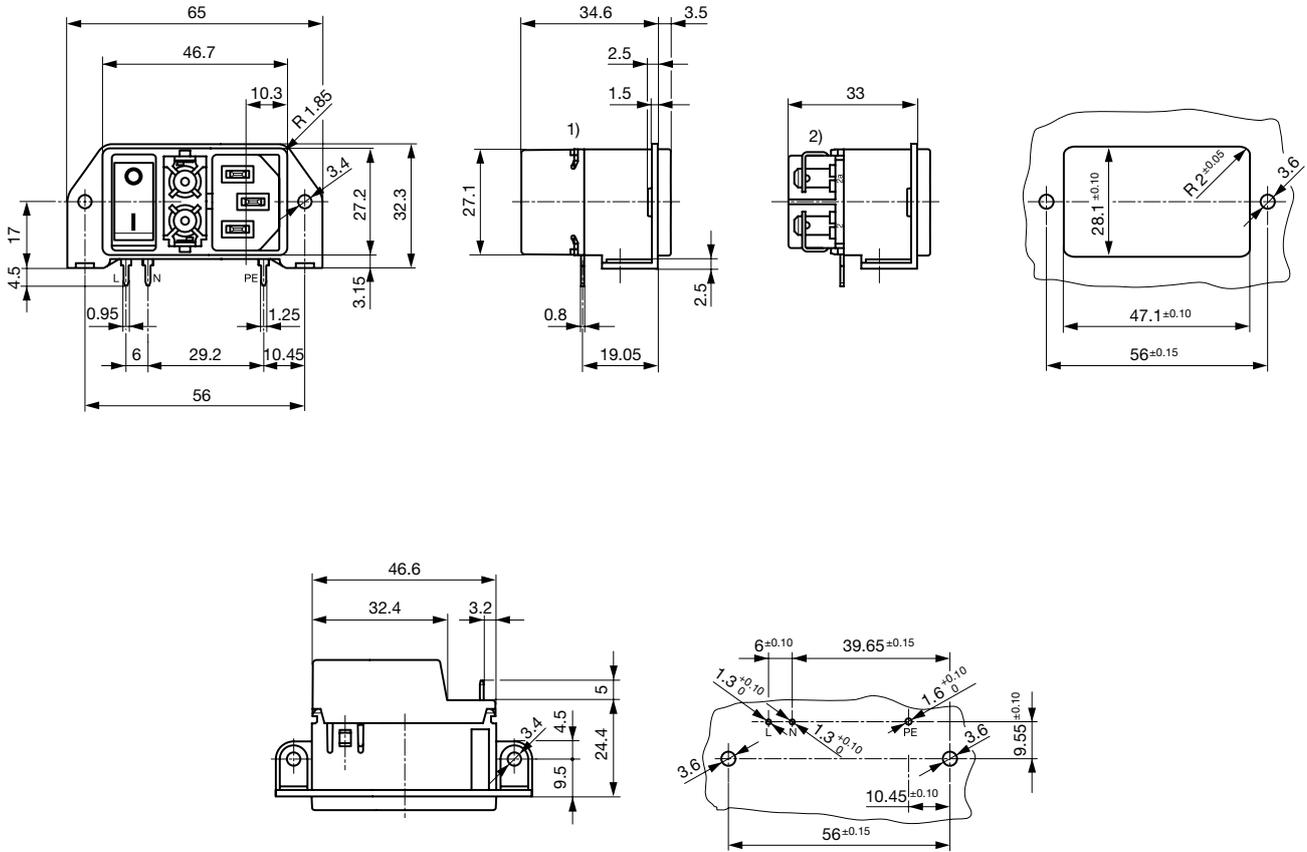
Ratings IEC	10A / 250VAC; 50Hz	appliance inlet/-outlet	C14 acc. to IEC 60320-1
Ratings UL/CSA	10A / 125VAC; 60Hz ¹⁾		UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I
Dielectric Strength	> 2.5kVAC between L-N > 3kVAC between L/N-PE (1 min/50Hz)	Fuseholder	1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20mm
Allowable Operation Temperature	-25 °C to 85 °C	Rated Power Acceptance @ Ta 23 °C	5 x 20: 2W (1 pole)/ 1.6W (2-pole) per pole
IP-Protection	from front side IP 40 acc. to IEC 60529	Power Acceptance @ Ta > 23°C	Admissible power acceptance at higher ambient temperature see derating curves
Insulation cover	Suitable for appliances with protection class I or II acc. to IEC 61140	Line Switch	Rocker switch 2-pole, non-illuminated or illuminated, acc. to IEC 61058-1 Technical Details
Terminal	For PCB mounting 3 mm, Ground terminal, additional quick connect 4.8 x 0.8 mm		
Panel Thickness S	Screw-on mounting: max 3mm Mounting screw torque max 0.5Nm		
Material: Housing	Thermoplastic, black, UL 94V-0		

¹⁾ with cover 8 A, without cover 10 A

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [General Product Information](#)

Dimensions [mm]

Screw version



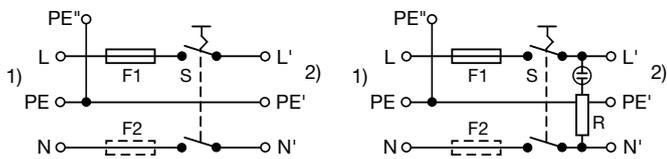
- 1) with cover
- 2) without cover

For grounding additional quick connect terminal 4.8 x 0.8 mm

Diagrams

non-illuminated

illuminated

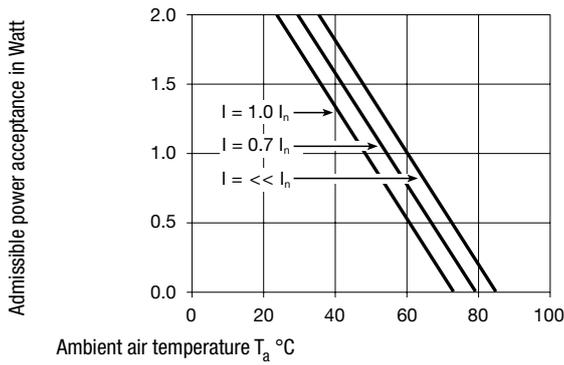


- 1) Line
- 2) Load

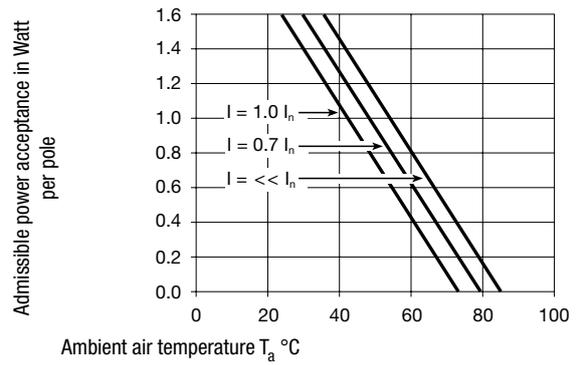
- 1) Line
- 2) Load

Derating Curves

1-pole



2-pole



All Variants

Fuseholder	Line Switch	Illumination	Color	Cover	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	non-illuminated	-	●	DD21.0121.1110
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.xxx0)

Most Popular.

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

Packaging unit 40 Pcs

Required Accessory

Description

Fusedrawer 2
 Fusedrawer für Fuse Links 5x20 mm, with or 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 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 DD21](#)

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 DD21](#)

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Mating Outlets/Connectors shuttered



Power Cord Overview complete

Power cord with IEC connector C17, V-Lock, straight	VAC17KS
VAC13KS, Overview, diverse Connector IEC C13, cord end:	VAC13KS

[Power Cord further types to DD21](#)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Schurter:

[DD21.0111.1111](#) [DD21.0113.1111](#) [DD21.0114.1111](#) [DD21.0121.1111](#) [DD21.0123.1111](#) [DD21.0124.1111](#)