IEC Appliance Inlet C14 or C18 with Line Switch 1- or 2-pole

V-Lock





C14 70° C

C18 70° C

Description

- Panel Mount :
  Screw-on version from front or rear side, snap-in version from front side
- Appliance Inlet protection class I or II , Line Switch 1- or 2-pole
- Quick connect terminals 4.8 x 0.8 mm

Unique Selling Proposition

- Ultra compact design
- Line switch for high inrush currents
- Components internally wired
- V-Lock cord retaining

Approvals

- VDE Certificate Number: 40007009
- UL File Number: E96454

Characteristics

- All single elements are already wired
- Unwired versions available on request
- Line switch non-illuminated or illuminated
- Ideal for application with high transient loads
- Suitable for use in equipment according to IEC/UL 60950

Other versions on request

- Unwired versions
- Solder terminals
- Line switch with other rocker marking

References

Alternative: version with line filter DC12
Substitute for type KEB1; KEB2; 6010-K

Weblinks

pdf datasheet, html-datasheet, General Product Information, RoHS, CHINA-RoHS, REACH, Distributor-Stock-Check, Accessories, Detailed request for product

Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Technical Data

Ratings IEC	10 A / 250 VAC; 50 Hz
Ratings UL/CSA	15 A / 250 VAC; 50/60 Hz [1]
Dielectric Strength	> 2.5 kVAC between L-N > 3 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temperature	-25 °C to 70 °C
IP-Protection	from front side IP 40 acc. to IEC 60529
Insulation cover	Suitable for appliances with protection class I or II acc. to IEC 61140
Terminal	Quick connect terminals 4.8 x 0.8 mm
Panel Thickness s	Screw: max 6 mm Mounting screw torque max 0.5 Nm Snap-in: 1/1.5/2/2.5/3 mm
Material: Housing	Thermoplastic, black, UL 94V-0
appliance inlet/-outlet	C14 acc. to IEC 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I or II
Line Switch	Rocker switch 1 or 2 pole, non-illuminated or illuminated, acc. to IEC 61058-1 Technical Details

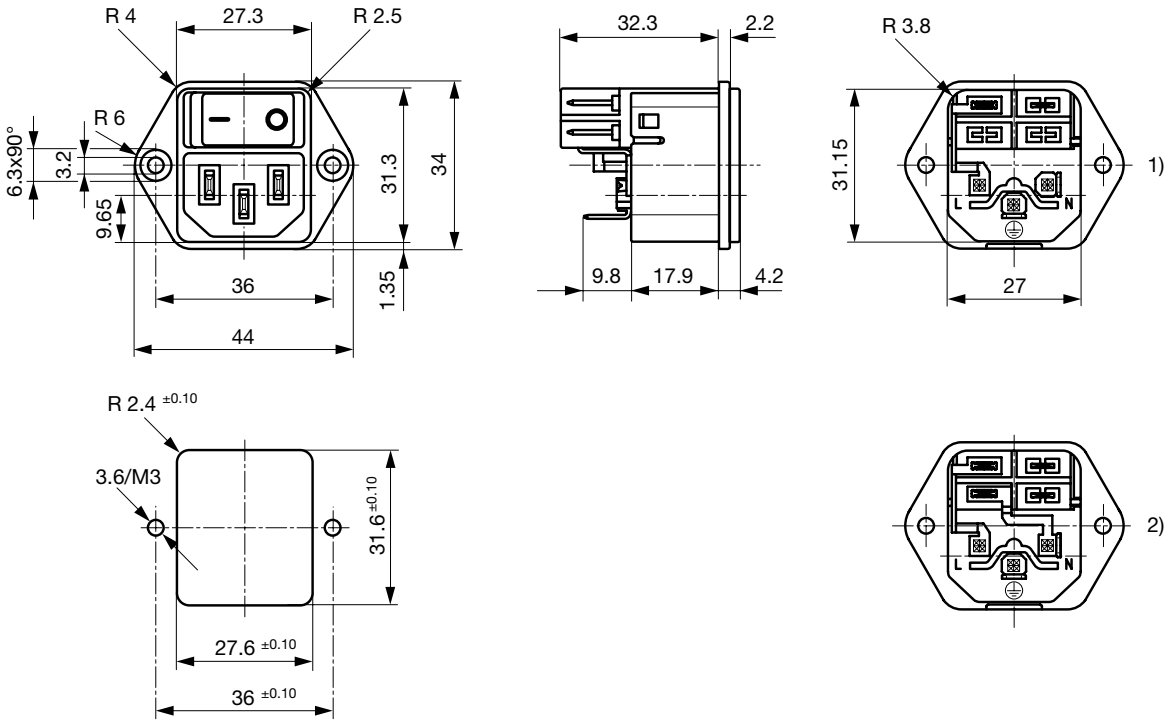
[1] Standard version 12 A / special version 15A

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

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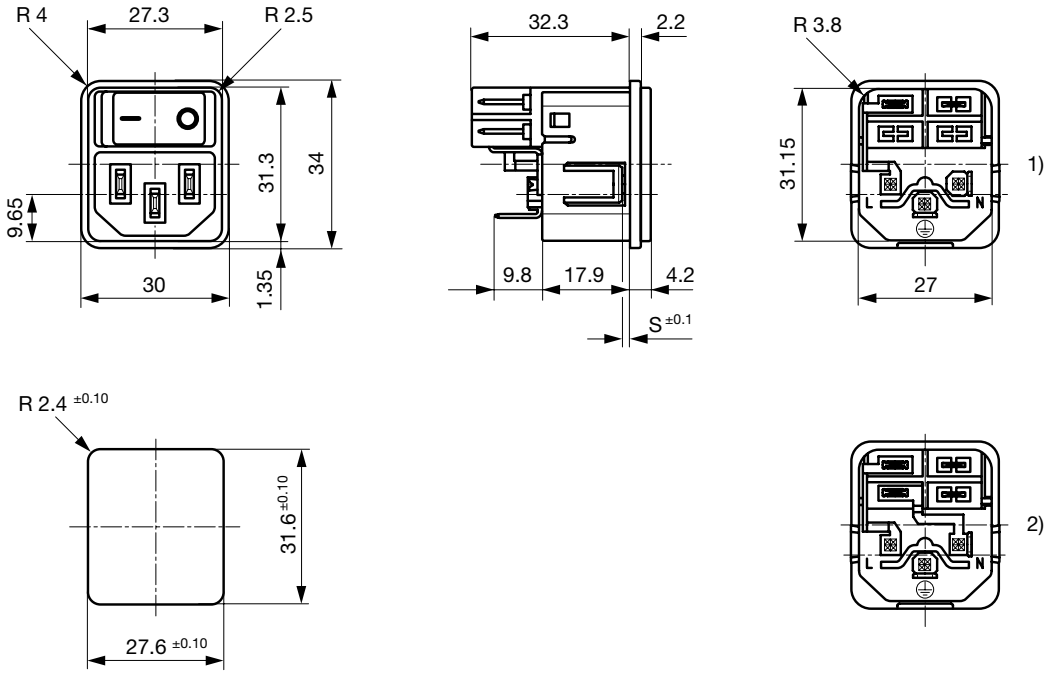
Dimensions

Screw-on mounting



1) 1-pol non-illuminated
2) 2-pol illuminated, 2-pol non-illuminated

Snap-in mounting

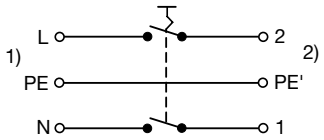


1) 1-pol non-illuminated
2) 2-pol illuminated, 2-pol non-illuminated

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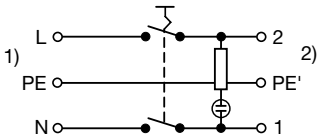
Diagrams

Line switch non-illuminated 2-pole



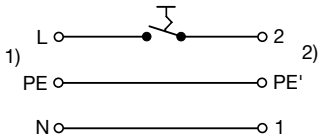
1) Line
2) Load

Line switch illuminated 2-pole



1) Line
2) Load

Line switch non-illuminated 1-pole



1) Line
2) Load

All Variants

Rated Current UL	Protection Class	Panel mounting	Panel Thickness s [mm]	Line Switch	Illumination	Color	V-Lock	Order Number	
12	I	Snap-in	1.5	2-pole	●	red		DC11.0021.201	
15	I	Snap-in	1.5	2-pole	●	red		DC11.0021.206	
12	I	Snap-in	2	2-pole	●	red		DC11.0021.301	
12	I	Snap-in	2.5	2-pole	●	red		DC11.0021.401	
12	I	Snap-in	1.5	2-pole	●	green		DC11.0031.201	▮
12	I	Snap-in	2	2-pole	●	green		DC11.0031.301	
12	I	Snap-in	2.5	2-pole	●	green		DC11.0031.401	
12	I	Snap-in	1.5	1-pole		-		DC11.0001.203	▮
15	I	Snap-in	1.5	1-pole		-		DC11.0001.207	
12	I	Snap-in	2	1-pole		-		DC11.0001.303	
12	I	Snap-in	2.5	1-pole		-		DC11.0001.403	
12	I	Snap-in	2.5	1-pole		-	●	DC11.0001.403.21	
12	I	Snap-in	1.5	2-pole		-		DC11.0001.201	▮
12	I	Snap-in	1.5	2-pole		-	●	DC11.0001.201.21	
15	I	Snap-in	1.5	2-pole		-		DC11.0001.206	
12	I	Snap-in	2	2-pole		-		DC11.0001.301	▮
12	II	Snap-in	2	2-pole		-		DC11.0001.351	
12	I	Snap-in	2.5	2-pole		-		DC11.0001.401	▮
12	I	Snap-in	3	2-pole		-		DC11.0001.501	
12	I	Screw	-	2-pole	●	red		DC11.0021.001	▮
15	I	Screw	-	2-pole	●	red		DC11.0021.006	
12	I	Screw	-	2-pole	●	green		DC11.0031.001	▮
12	I	Screw	-	1-pole		-		DC11.0001.003	▮
15	I	Screw	-	1-pole		-		DC11.0001.007	
12	I	Screw	-	2-pole		-		DC11.0001.001	▮
12	I	Screw	-	2-pole		-	●	DC11.0001.001.21	
15	I	Screw	-	2-pole		-		DC11.0001.006	

▮ Most Popular.

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

With screw mounting on PCB, 2 screws are included

All variants according VDE (ENEC 10) approved for 10 A

Packaging unit 50 Pcs

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Accessories

	Description	
	Wire Harness Wire harness for SCHURTER products	
	Assorted Covers Rear Cover	
		0859.0047
		4311.9403
	Cord retaining kits Cord retaining strain relief	
	Flat head, A	4700.0001
	Countersunk, B	4700.0002

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 DC11	
	Connector Overview complete	
	4782 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4782
	4022 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13	4022
	4785 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4785
	4300-06 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
	4012 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13	4012
	Connector further types to DC11	...
	Power Supply Cord Overview complete	
	Cord Sets 10 A, Europlug, 2.5 m, Connector IEC C13, H05VV-F3G1.0, black	6004.0215
	Cord Sets 10 A, Europlug, 2.5 m, Connector IEC C13, H05VV-F3G1.0, black	6003.0215
	Power Supply Cord further types to DC11	

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Mating Outlets/Connectors shuttered



Power Cord Overview complete

VAC17KS, North America, V-Lock cord retaining, 3.0 m, Connector C17, SJT 2x18 AWG, black	3-101-794
VAC17KS, North America, V-Lock cord retaining, 2.0 m, Connector C17, SJT 2x18 AWG, black	6051.2801
VAC17KS, North America, V-Lock cord retaining, 2.0 m, Connector C17, SJT 2x18 AWG, white	6051.2811
VAC17KS, United Kingdom, V-Lock cord retaining, 2.0 m, Connector IEC C17, H05VV-F2G1, black	3-101-184
VAC17KS, Switzerland, V-Lock cord retaining, 2.0 m, Connector IEC C17, H05VV-F2G1, black	3-101-185
Power Cord further types to DC11	...

07.03.2017

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments. Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability and test each product selected for their own applications.

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