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





C14 70° C

C18 70° C

Approvals and Compliances

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
- V-Lock notch standard
- 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

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, Distributor-Stock-Check, Accessories, Detailed request for product, Microsite

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 / C18 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

Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in Details about Approvals

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: DC11

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	Certificate Number: 40007009
	UL Approvals	UL	UL File Number: E96454
	CQC Approvals	CQC	CCC File Number: 2013010204594013

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
IEC	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
IEC	Designed according to	IEC 61058-1	Switches for appliances. Part 1. General requirements
UL	Designed according to	UL 498	Standard for Attachment Plugs and Receptacles
CSA Group	Designed according to	CSA C22.2 no. 42	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices

Application standards

Application standards where the product can be used

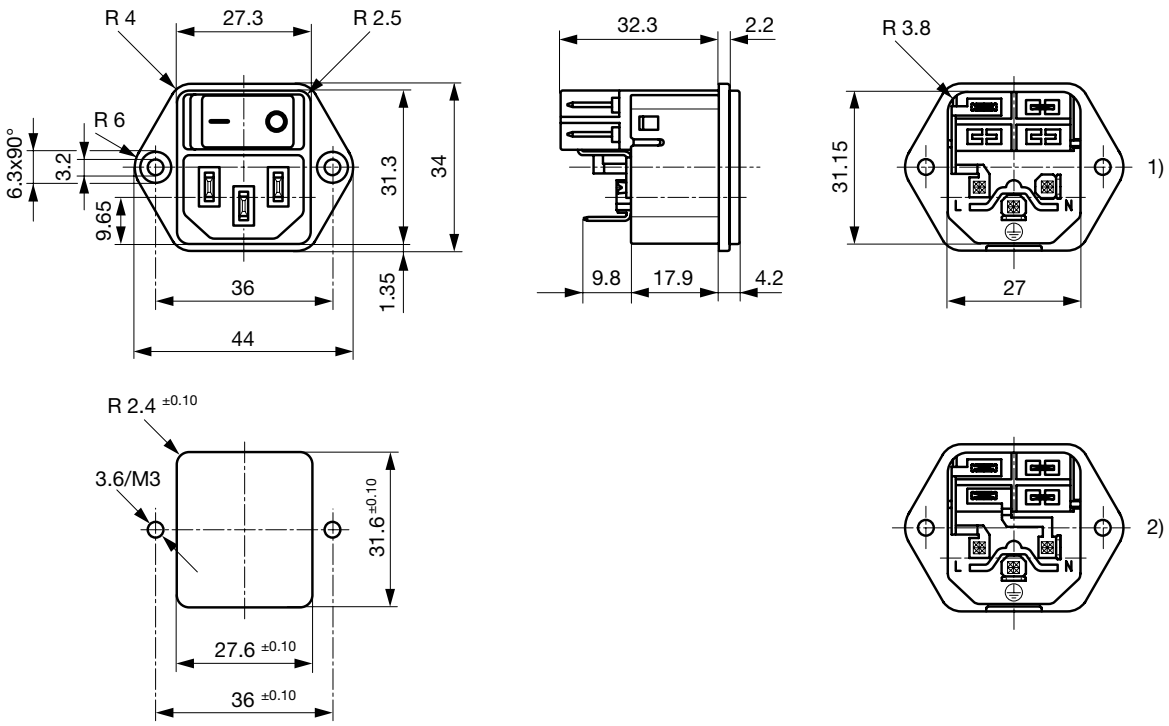
Organization	Design	Standard	Description
IEC	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technologyequipment.
IEC	Designed for applications acc.	IEC 60335-1	Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13.

Compliances

The product complies with following Guide Lines

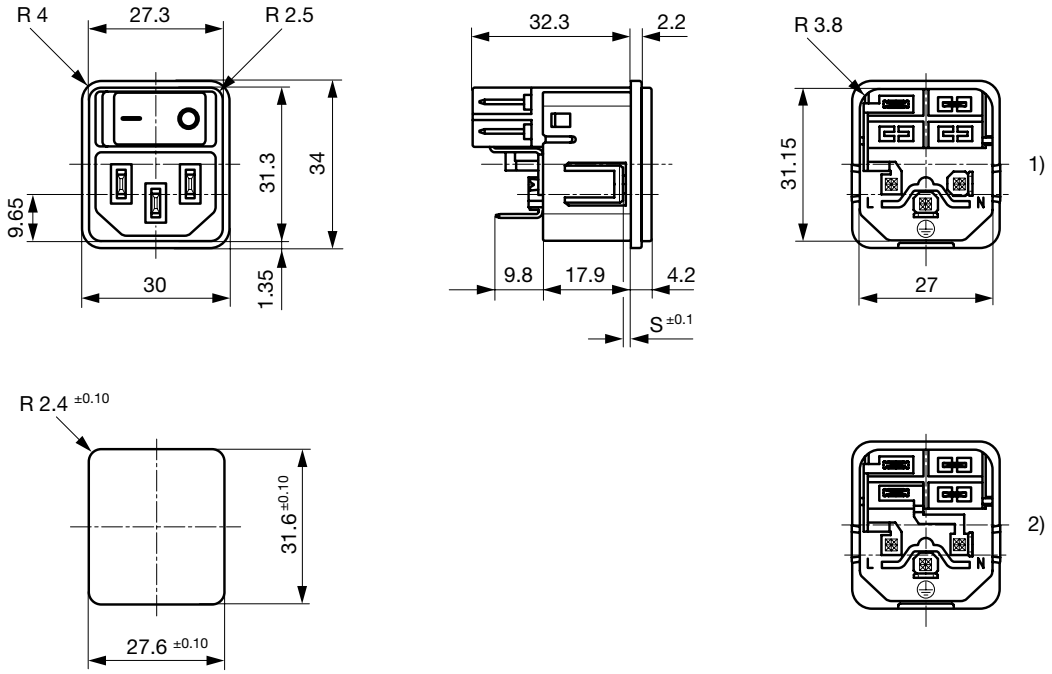
Identification	Details	Initiator	Description
CE	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
RoHS	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
REACH	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.
V-Lock	MicrositeV-Lock	SCHURTER AG	V-Lock system are based on a matching plug-dose combination. 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.

Dimensions [mm]
Screw-on mounting



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

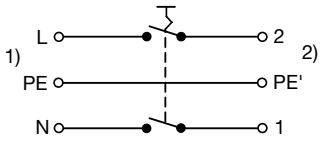
Snap-in mounting



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

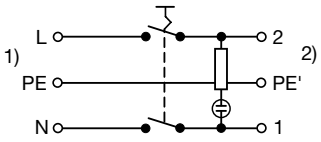
Diagrams

Line switch non-illuminated 2-pole



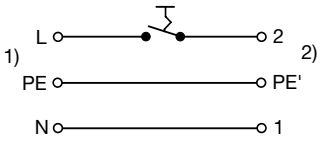
1) Line
2) Load

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	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	1.5	2-pole		-	DC11.0001.201	▮
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	
15	I	Snap-in	2.5	2-pole		-	3-107-445	
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	▮
15	I	Screw	-	2-pole		-	DC11.0001.006	

▮ Most Popular.

Availability for all products can be searched real-time:https://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

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

Mating Outlets/Connectors shuttered



Power Cord Overview complete

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

Power Cord further types to DC11

07.12.2017

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.