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



Screw-on mounting
non-illuminated



Snap-in version
non-illuminated



Screw-on mounting and line Switch illuminated
green

C14 C18



70° C



70° C

See below:
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 Certificate Number: 2013010204594013

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
	Designed according to	IEC 61058-1	Switches for appliances. Part 1. General requirements
	Designed according to	UL 498	Standard for Attachment Plugs and Receptacles
	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

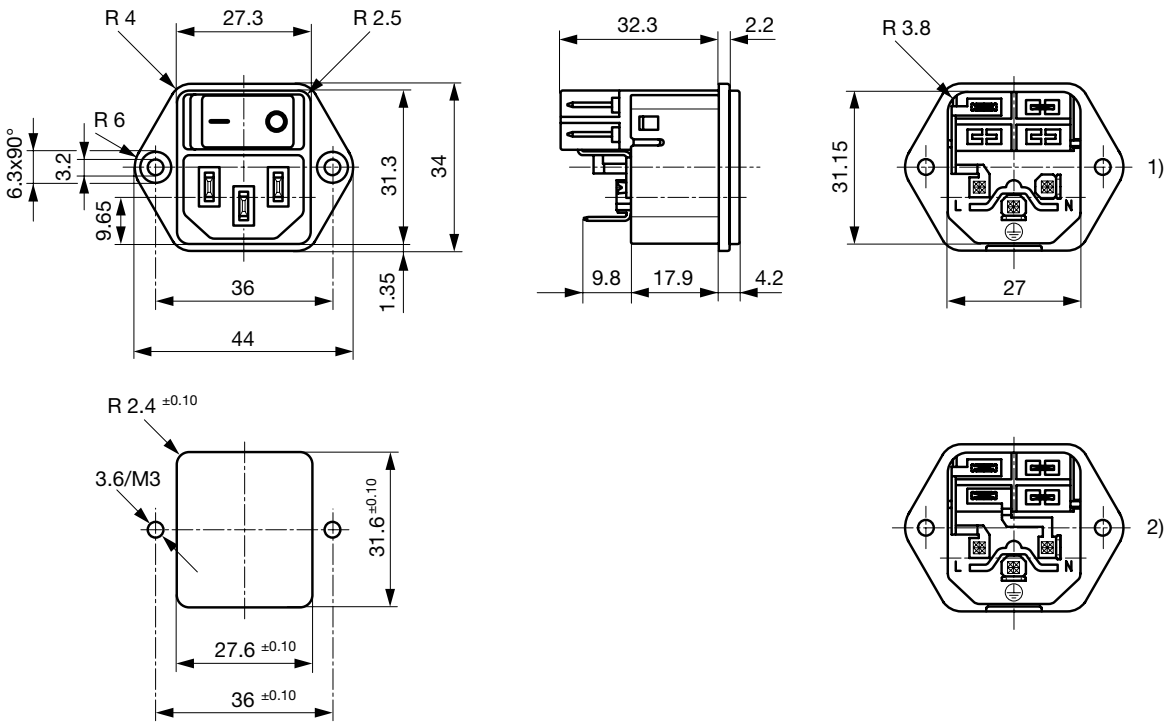
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.
	Designed for applications acc.	IEC 60335-1	Safety of electrical appliances for household and similar purposes. Meets the 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

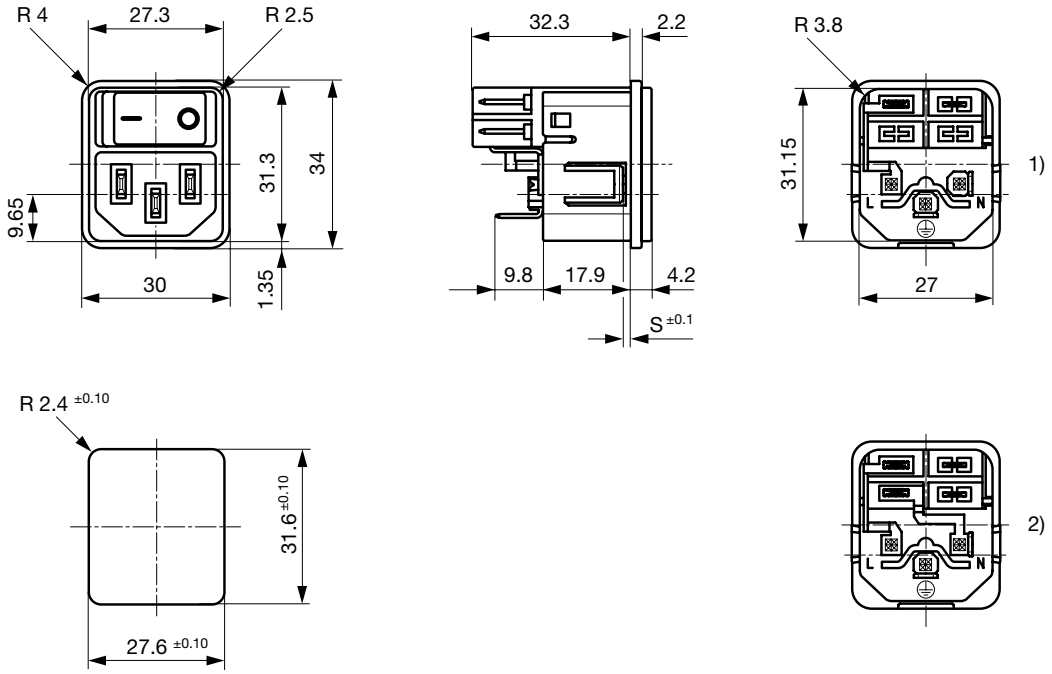
Identification	Details	Initiator	Description
	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
	RoHS	SCHURTER AG	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	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.
	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.
	White paperGlow wire test	SCHURTER AG	Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13.

Dimensions [mm]
Screw-on mounting



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

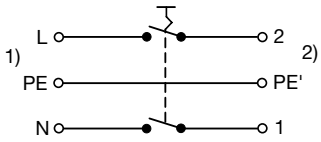
Snap-in mounting



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

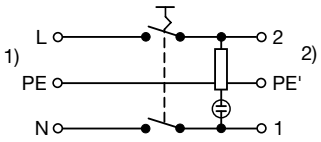
Diagrams

Line switch non-illuminated 2-pole



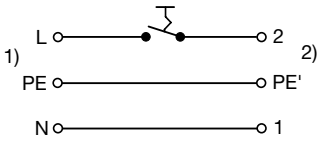
1) Line
2) Load

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
	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
	IEC Connector C15 for hot conditions 120°C, Rewireable, Straight	4781
	IEC Connector C15 for hot conditions 120°C, Rewireable, Angled	4784
	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

11.09.2018

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.