IEC Appliance Inlet C14 with Fuseholder 1- or 2-pole, Line Switch 2-pole and Voltage Selector



Order required accessories separately



IEC connector C14 with fuse holder 1- or 2-pole
Line switch 2-pole
Snap-in mounting from front side

C14



70° C

See below:
Approvals and Compliances

Description

- Panel mount :
  Screw-on version from front or rear side, snap-in version from front side
- 4 Functions :
  Appliance Inlet Protection class I , Line Switch 2-pole , Fuseholder with interchangeable fuse drawer for Fuse-links 5x20 mm or 6.3x32 mm , with or without voltage selector (step)
- V-Lock notch standard
- 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.
- Quick connect terminals 4.8 x 0.8 mm

Characteristics

- All single elements are already wired
- The fuse drawer "Fingergrip" can be removed by hand
- Suitable for use in equipment according to IEC/UL 60950

Other versions on request

- Line switch, illuminated
- Line switch with other rocker marking
- Line switch 1-pole
- For protection class II (without CCC approval)

References

Alternative: version with line filter CD

Weblinks

pdf data sheet, html datasheet, General Product Information, Distributor-Stock-Check, Accessories, Detailed request for product, Landing Page

Technical Data

Ratings IEC	10 A / 250 VAC; 50 Hz
Ratings UL/CSA	10 A / 250 VAC; 60 Hz
Dielectric Strength	> 3 kVAC between L-N > 4 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temperature	-25 °C to 70 °C
IP-Protection	from front side IP40 acc. to IEC 60529
Protection against electric shock	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Quick connect terminals 4.8 x 0.8 mm , tin-plated
Panel Thickness S	Screw: max 8 mm Mounting screw torque max 0.5 Nm Snap-in: 1.5/2/2.5 mm
Material: Housing	Thermoplastic, black, UL 94V-0

appliance inlet/-outlet	C14 acc. to IEC 60320-1, UL 60320-1, CSA C22.2 no. 60320-1 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I
Fuseholder	1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 or 6.3 x 32 mm
Rated Power Acceptance @ Ta 23 °C	5 x 20: 2.5 W (1 pole)/ 2 W (2-pole) per pole 6.3 x 32: 3.15 W (1 pole)/ 2.5 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, acc. to IEC 61058-1 Technical Details
Voltage Selector	optional, step, 2-4 digits

Approvals and Compliances

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

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

Approvals

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

Approval Reference Type: KD

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	Certificate Number: 40046766
	UL Approvals	UL	UL File Number: E93617
	CCC Approvals	CCC	CCC Certificate Number: 2010010204409773

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 60127-6	Miniature fuses. Part 6. Fuse-holders for miniature fuse-links
	Designed according to	IEC 61058-1	Switches for appliances. Part 1. General requirements
	Designed according to	UL 60320-1	Standard for Attachment Plugs and Receptacles
	Designed according to	CSA C22.2 no. 60320-1	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 60601-1	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance
	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 60695-2-11 or -12 & -13.

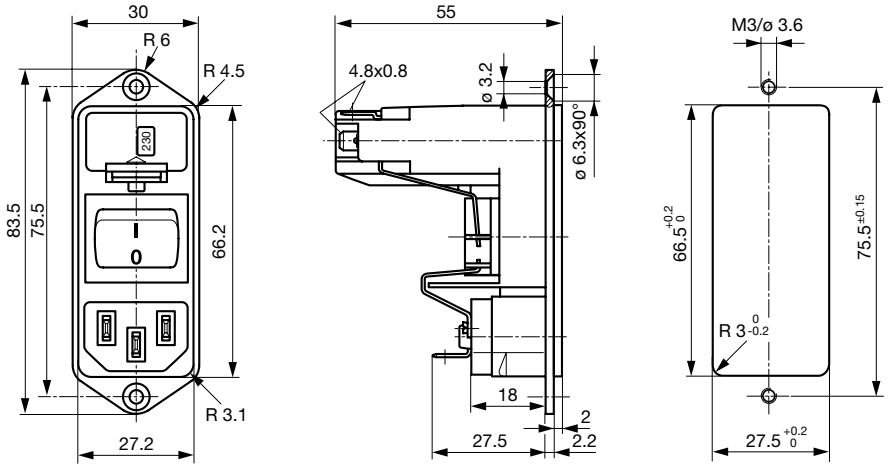
Compliances

The product complies with following Guide Lines

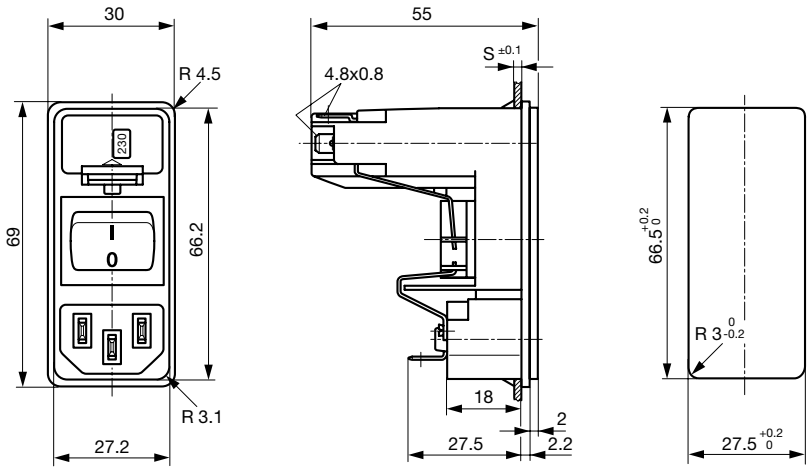
Identification	Details	Initiator	Description
	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
	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.
	Landing Page V-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 paper Glow 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 60695-2-11 or -12 &-13.
	Medical Technology	SCHURTER AG	Suitable for use in medical equipment according to IEC/UL 60601-1

Dimensions [mm]

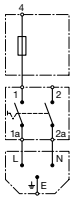
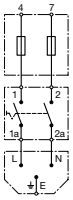
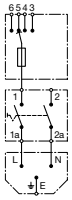
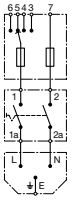
Screw-on mounting



Snap-in mounting

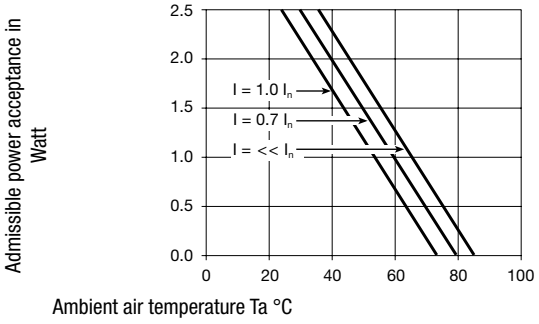


Diagrams

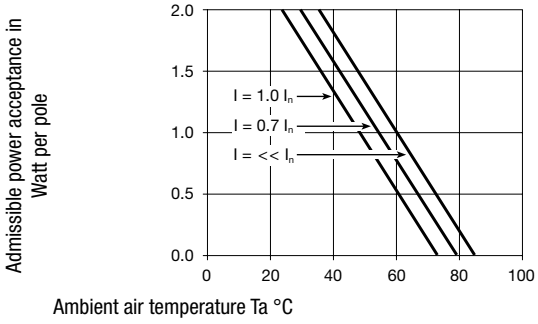
without voltage selector	without voltage selector	with voltage selector	with voltage selector
			
1-pole	2-pole	1-pole	2-pole

Derating Curves

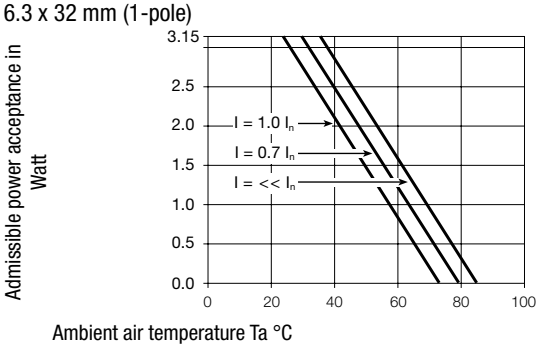
Fuses
5 x 20 mm (1-pole)



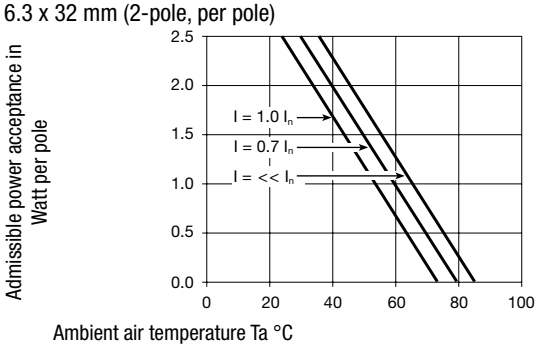
Fuses
5 x 20 mm (2-pole, per pole)



Fuses
6.3 x 32 mm (1-pole)



Fuses
6.3 x 32 mm (2-pole, per pole)



All Variants

Type	Panel mounting	Panel Thickness s [mm]	Fuseholder	Line Switch	Voltage selector max. 4 pos*	Order Number	
KD	Snap-in	1.5	1-pole	Rocker switch	-	KD13.1101.105	
KD	Snap-in	2	1-pole	Rocker switch	-	KD13.1101.107	
KD	Snap-in	2.5	1-pole	Rocker switch	-	KD13.1101.109	
KD	Snap-in	1.5	1-pole	Rocker switch	2-4 digits	KD13.4101.105	
KD	Snap-in	2	1-pole	Rocker switch	2-4 digits	KD13.4101.107	
KD	Snap-in	2.5	1-pole	Rocker switch	2-4 digits	KD13.4101.109	
KD	Snap-in	1.5	2-pole	Rocker switch	-	KD14.1101.105	■
KD	Snap-in	2	2-pole	Rocker switch	-	KD14.1101.107	■
KD	Snap-in	2.5	2-pole	Rocker switch	-	KD14.1101.109	■
KD	Snap-in	1.5	2-pole	Rocker switch	2-4 digits	KD14.4101.105	■
KD	Snap-in	2	2-pole	Rocker switch	2-4 digits	KD14.4101.107	
KD	Snap-in	2.5	2-pole	Rocker switch	2-4 digits	KD14.4101.109	
KD	Screw	-	1-pole	Rocker switch	-	KD13.1101.151	■
KD	Screw	-	1-pole	Rocker switch	2-4 digits	KD13.4101.151	
KD	Screw	-	2-pole	Rocker switch	-	KD14.1101.151	■
KD	Screw	-	2-pole	Rocker switch	2-4 digits	KD14.4101.151	■

■ Most Popular.

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

Can be used as 2-/3-position voltage selector - take only corresponding terminals

Packaging unit 20 Pcs

Required Accessory



Description

Fusedrawer 3
Fusedrawer for Fuse Links 5x20 mm resp. 6.3x32 mm

Fingergrip, 5 x 20, 2-pole, Voltage Selector	4303.2014.00
Fingergrip, 5 x 20, 2-pole, Voltage Selector, 100, 120, 220, 240	4303.2014.01
Fingergrip, 5 x 20, 2-pole, Voltage Selector, 110, 150, 220	4303.2014.02
Fingergrip, 5 x 20, 2-pole, Voltage Selector, 110, 220	4303.2014.03
	...

Accessories



Wire Harness
Wire harness for SCHURTER products



Assorted Covers
Rear Cover

	0859.0074



Cord retaining kits
Cord retaining strain relief

Flat head, A	4700.0001

Mating Outlets/Connectors

Category / Description

Appliance Outlet Overview complete



4787, Mounting: Screw-on mounting, Appliance Outlet: IEC Solder terminals, 10 A, Suitable for appliances with protection class I	4787
4788, Mounting: Snap-in version, Appliance Outlet: IEC Solder terminals or quick connect terminals, 10 A, Suitable for appliances with protection class I	4788
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal	5091
Appliance Outlet further types to KD	

Connector Overview complete



4022 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13	4022
4782 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4782
4012 Mounting: Power Supply Cord, 3 x 1 mm², Screw clamps, Connector: IEC C13	4012
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
Connector further types to KD	...

Mating Outlets/Connectors shuttered



Power Cord Overview complete

VAC13KS, Overview, V-Lock cord retaining, diverse Connector IEC C13, diverse, black	VAC13KS

Power Cord further types to KD

02.11.2019

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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KD13.4101.151 KD13.1101.105 KD13.1101.107 KD14.4101.105 KD14.1101.105 KD13.1101.151 KD14.4101.151 KD14.1101.151 KD13.1132.151 KD13.1101.109 KD13.1132.105 KD13.1132.107 KD13.1133.107 KD13.1133.151 KD13.4101.105 KD13.4101.107 KD13.4101.109 KD13.4132.151 KD14.1101.107 KD14.1101.109 KD14.1132.105 KD14.1132.107 KD14.1132.151 KD14.1133.105 KD14.1133.107 KD14.1133.109 KD14.1133.151 KD14.4101.107 KD14.4101.109 KD14.4101.307 KD14.4132.105 KD14.4132.109 KD14.4133.151 KD14.4198.107 KD14.4198.199 KD14.4301.151 KD24.1101.151 KD14.1101.151.21