

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



Order required accessories separately



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 for bowdencable actuation 2-pole , Fuseholder with interchangeable fuse drawer for Fuse-links 5x20 mm or 6.3x32 mm , with or without voltage selector (step)
- 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 62368-1

**Other versions on request**

- For protection class II
- Without voltage selector

**References**

Alternative: version with line filter [CD-Bowdencable](#)  
 Last order date: 30.06.2017  
 Last delivery date: 30.09.2017

**Weblinks**

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Approvals](#), [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	6 A / 250VAC; 50Hz	Appliance inlet/-outlet	C14 acc. to IEC 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I
Ratings UL/CSA	8 A / 125VAC; 60Hz	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
Dielectric Strength	> 3 kVAC between L-N > 4 kVAC between L/N-PE (1 min/50Hz)	Rated Power Acceptance @ Ta 23 °C	5 x 20: 2.5W (1 pole)/ 2W (2-pole) per pole 6.3 x 32: 3.15W (1 pole)/ 2.5W (2-pole) per pole
Allowable Operation Temperature	-25 °C to 70 °C	Power Acceptance @ Ta > 23 °C	Admissible power acceptance at higher ambient temperature see derating curves
IP-Protection	from front side IP40 acc. to IEC 60529	Line Switch	Switch for bowdencable 2-pole, non-illuminated, acc. to IEC 61058-1 <a href="#">Technical Details</a>
Protection against electric shock	Suitable for appliances with protection class I acc. to IEC 61140	Voltage Selector	optional, step, 2-4 digits
Terminal	Quick connect terminals 4.8 x 0.8 mm, tin-plated		
Panel Thickness S	Screw: max 8 mm Mounting screw torque max 0.5Nm Snap-in: 1.5/2/2.5 mm		
Material: Housing	Thermoplastic, black, UL 94V-0		





**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
	<a href="#">VDE Approvals</a>	VDE	Certificate Number: 40029908
	<a href="#">UL Approvals</a>	UL	UL File Number: E93617
	<a href="#">CSA Approvals</a>	CSA	CSA Certification Record: 38456
	<a href="#">CCC Approvals</a>	CCC	CCC Certificate Number:

## 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 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

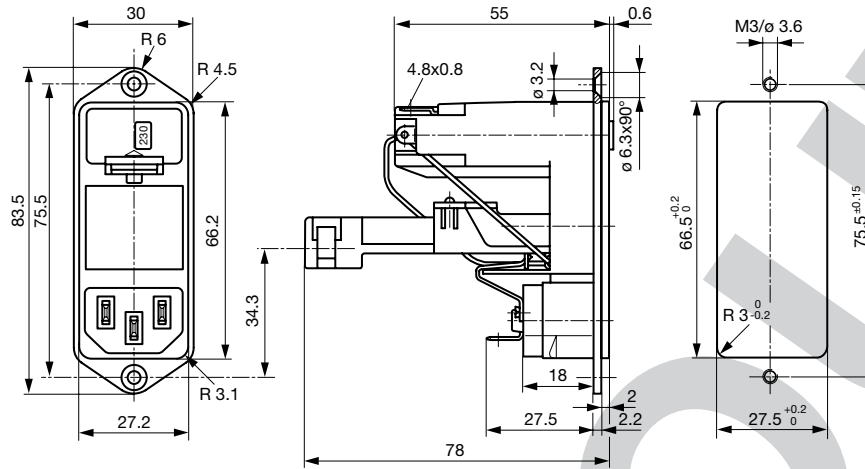
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 62368-1	IEC 62368-1 includes the basic requirements for safety of audio, video, information technology and office equipment.
	Designed for applications acc.	IEC 60601-1	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance

## Compliances

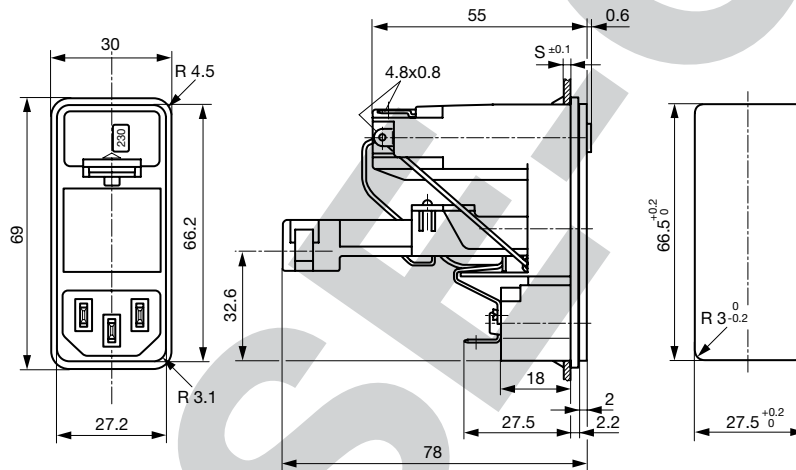
The product complies with following Guide Lines

Identification	Details	Initiator	Description
	<a href="#">CE declaration of conformity</a>	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.
	<a href="#">China RoHS</a>	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.
	<a href="#">REACH</a>	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.
		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.
	<a href="#">Medical Equipment</a>	SCHURTER AG	Suitable for use in medical equipment according to IEC/UL 60601-1

**Dimensions [mm]**  
 Screw-on mounting



Snap-in mounting



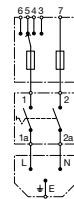
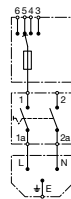
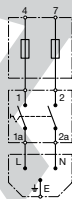
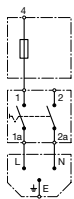
**Diagrams**

without voltage selector

without voltage selector

with voltage selector

with voltage selector



1-pole

2-pole

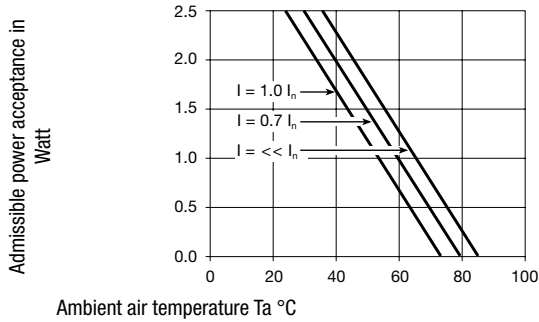
1-pole

2-pole

## Derating Curves

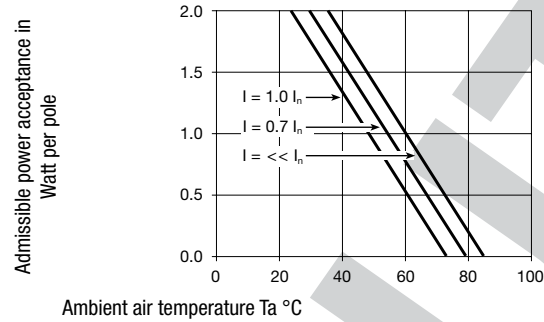
### Fuses

5 x 20 mm (1-pole)



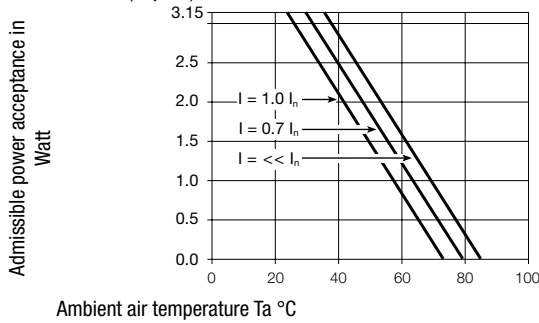
### Fuses

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



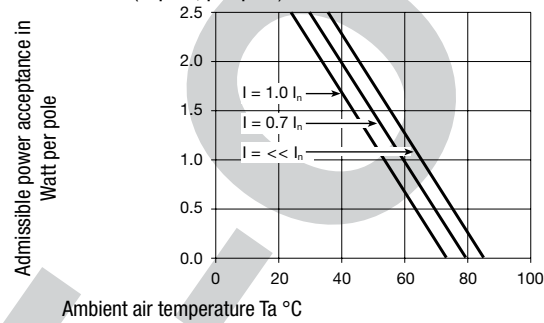
### Fuses

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-Bowdenzug	Snap-in	1.5	1-pole	Switch for bowdencable	-	<a href="#">KD11.4199.105</a>
KD-Bowdenzug	Snap-in	2	1-pole	Switch for bowdencable	-	<a href="#">KD11.4199.107</a>
KD-Bowdenzug	Snap-in	2.5	1-pole	Switch for bowdencable	-	<a href="#">KD11.4199.109</a>
KD-Bowdenzug	Snap-in	1.5	2-pole	Switch for bowdencable	-	<a href="#">KD14.4199.105</a>
KD-Bowdenzug	Snap-in	2.5	2-pole	Switch for bowdencable	-	<a href="#">KD14.4199.109</a>
KD-Bowdenzug	Screw	-	1-pole	Switch for bowdencable	-	<a href="#">KD11.4199.151</a>
KD-Bowdenzug	Screw	-	2-pole	Switch for bowdencable	-	<a href="#">KD14.4199.151</a>

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

**Packaging unit** 10 Pcs

## Required Accessory

### Description

#### Fusedrawer 3

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



Fingergrip, 5 x 20, 2-pole	<a href="#">4303.2401</a>
Extra-Safe, 5 x 20, 2-pole	<a href="#">4303.2403</a>
Fingergrip, 5 x 20, 1-pole	<a href="#">4303.2406</a>
Extra-Safe, 5 x 20, 1-pole	<a href="#">4303.2408</a>

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Accessories



Cord retaining kits  
 Cord retaining strain relief

Flat head, A	4700.0001
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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
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4788, Mounting: Snap-in version, Appliance Outlet: IEC Solder terminals or quick connect terminals, 10 A, Suitable for appliances with protection class I	4788
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IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal	5091
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[Appliance Outlet further types to KD-Bowdencable](#)

[Connector Overview complete](#)



4782 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13	4782
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4785 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13	4785
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4012 Mounting: Power Supply Cord, 3 x 1 mm <sup>2</sup> , Screw clamps, Connector: IEC C13	4012
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4300-06 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
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4781 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C15	4781
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[Connector further types to KD-Bowdencable](#)

Mating Outlets/Connectors shuttered



[Connector Overview complete](#)

4783 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13	4783
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[Connector further types to KD-Bowdencable](#)



[Power Cord Overview complete](#)

VAC13KS, Overview, V-Lock cord retaining, diverse Connector IEC C13, diverse, black	VAC13KS
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[Power Cord further types to KD-Bowdencable](#)