

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 , Voltage Selector
- Quick connect terminals 4.8 x 0.8 mm

Characteristics

- All single elements are already partially wired
- For added safety "Extra-Safe" fuse drawers are available
- Suitable for use in equipment according to IEC/UL 62368-1

Other versions on request

- For protection class II

References

Alternative: version with line filter [CG-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](#)

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 32mm
Allowable Operation Temperature	-25 °C to 70 °C	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
IP-Protection	from front side IP40 acc. to IEC 60529	Power Acceptance @ Ta > 23°C	Admissible power acceptance at higher ambient temperature see derating curves
Protection against electric shock	Suitable for appliances with protection class I acc. to IEC 61140	Line Switch	Switch for bowdencable 2-pole, non-illuminated, acc. to IEC 61058-1 Technical Details
Terminal	Quick connect terminals 4.8 x 0.8 mm	Voltage Selector	series-parallel, 4, 3 or 2 switch positions or usable as 2-pole change-over switch
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: KG

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	Certificate Number: 40011909
	UL Approvals	UL	UL File Number: E93617
	CSA Approvals	CSA	CSA Certification Record: 38456



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

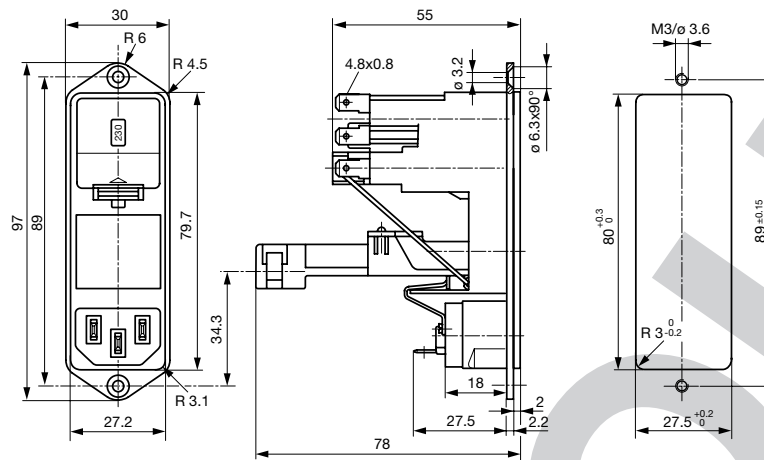
Compliances

The product complies with following Guide Lines

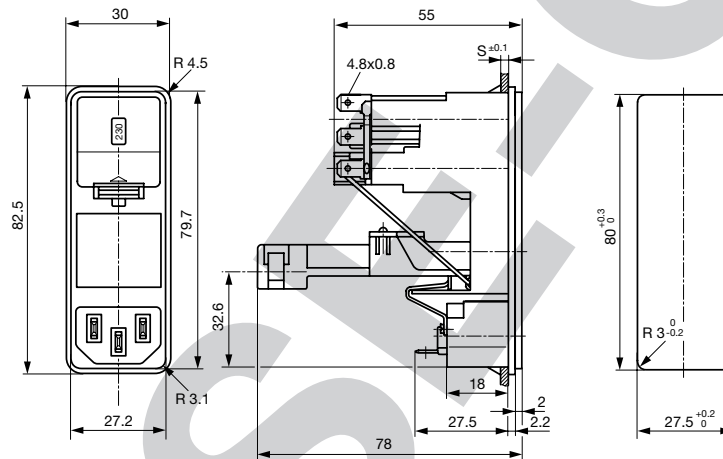
Identification	Details	Initiator	Description
	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
	China RoHS	SCHURTER 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.
	Medical Equipment	SCHURTER AG	Suitable for use in medical equipment according to IEC/UL 60601-1

Dimensions [mm]

Screw-on mounting



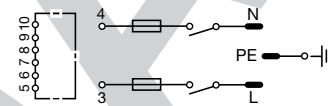
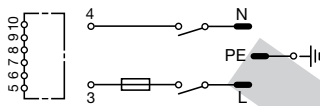
Snap-in mounting



Diagrams

with partial wired

with partial wired



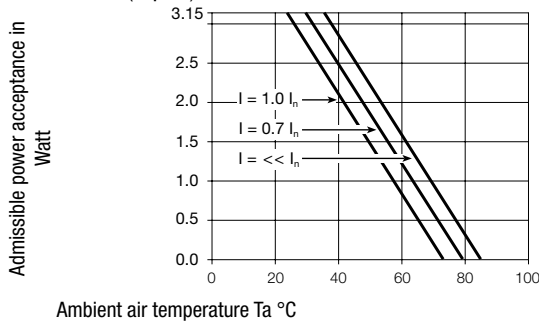
1-pole

2-pole

Derating Curves

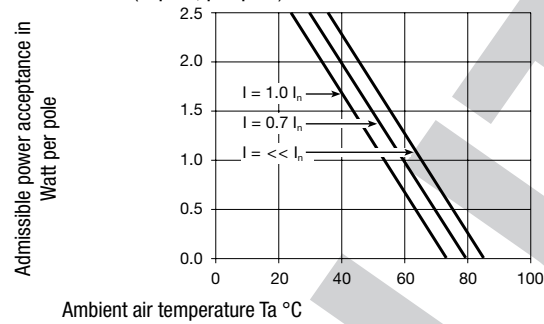
Fuses

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	V-Lock	Order Number
KG-Bowdenzug	Snap-in	1.5	2-pole	Switch for bowdencable		KG10.6199.105
KG-Bowdenzug	Screw	-	1-pole	Switch for bowdencable		KG15.6199.151
KG-Bowdenzug	Screw	-	2-pole	Switch for bowdencable		KG10.6199.151

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 1

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



5 x 20, 2-pole	4305.0001
5 x 20, 1-pole	4305.0006
6.3 x 32, 2-pole	4305.0011
6.3 x 32, 1-pole	4305.0016

...

Jumper Wire 1

Connection with Stranded Cable



Type A, 70 mm	0881.0074
Type A, 100 mm	0881.0075
Type B, 70 mm	0881.0076
Type B, 100 mm	0881.0077

Voltage Selectors Insert 1

Voltage Selector Insert to KE, CE, KG, CG



3 or 4 switch positions	4305.0048.00
1, 3 or 4 switch positions, 100, 120, 220, 240	4305.0048.01
3, 3 or 4 switch positions, 130, 110, 240, 220	4305.0048.02
2, 2 switch positions, 110, 220	4305.0048.03

...

Accessories



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 KG-Bowdencable](#)

[Connector Overview complete](#)



4782 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13	4782
--	------

4785 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13	4785
--	------

4012 Mounting: Power Supply Cord, 3 x 1 mm ² , Screw clamps, Connector: IEC C13	4012
--	------

4300-06 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
---	---------

4781 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C15	4781
--	------

[Connector further types to KG-Bowdencable](#) ...