IEC Appliance Inlet C14 with Fuseholder 2-pole



IEC connector C14 with fuse holder 2-pole
Screw-on version from front or rear side
Solder/quick connect terminals
Screw-on mounting



IEC connector C14 with fuse holder 2-pole
Snap-in mounting from front side
Solder/quick connect terminals
Snap-in version

C14

70° C

See below:
Approvals and Compliances

Description

- Panel mount :
  Screw-on version from front or rear side, snap-in version front side
- 2 Functions :
  Appliance Inlet Protection class I , Fuseholder for fuse-links 5 x 20 mm 2-pole
- 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.
- Solder / Quick Connect

Characteristics

- All single elements are already wired
- Plug removal necessary for fuse-link replacement
- Suitable for use in equipment according to IEC/UL 62368-1

Other versions on request

- Types for rivet mounting available upon request

References

Alternative: version with line filter 5220
Alternative: Fuseholder 1-pole 6202

Weblinks

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

Technical Data

Ratings IEC	10 A / 250 VAC; 50 Hz
Ratings UL/CSA	10 A / 250 VAC; 60 Hz
Dielectric Strength	> 2 kVAC between L-N > 2 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temperature	-25 °C to 70 °C
IP-Protection	front side IP40 acc. to IEC 60529
Protection against electric shock	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Solder / Quick Connect , tin-plated
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 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	2-pole, Shocksafe category PC2 acc. to IEC 60127-6, UL 498, for fuse-links 5 x 20 mm
Rated Power Acceptance @ Ta 23 °C	5 x 20: 1.6 W 2-pole
Power Acceptance @ Ta > 23°C	Admissible power acceptance at higher ambient temperature see derating curves

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: 6220

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	Certificate Number: 40046421
	UL Approvals	UL	UR File Number: E93617
	CCC Approvals	CCC	CCC Certificate Number: 2018180204006591

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 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
	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.

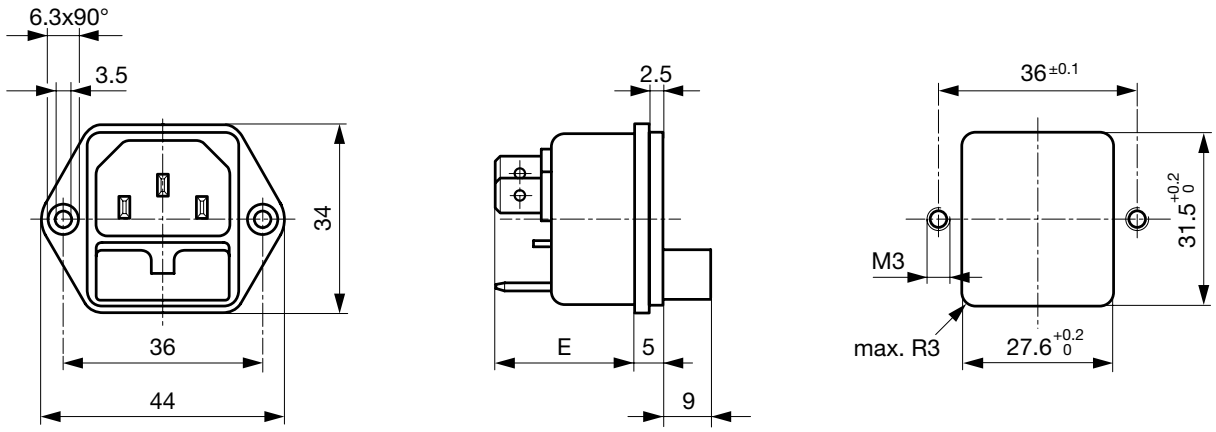
Compliances

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.
	UKCA declaration of conformity	SCHURTER AG	The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 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.
	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 Equipment	SCHURTER AG	Suitable for use in medical equipment according to IEC/UL 60601-1 (1 MOOP, 1 MOPP)

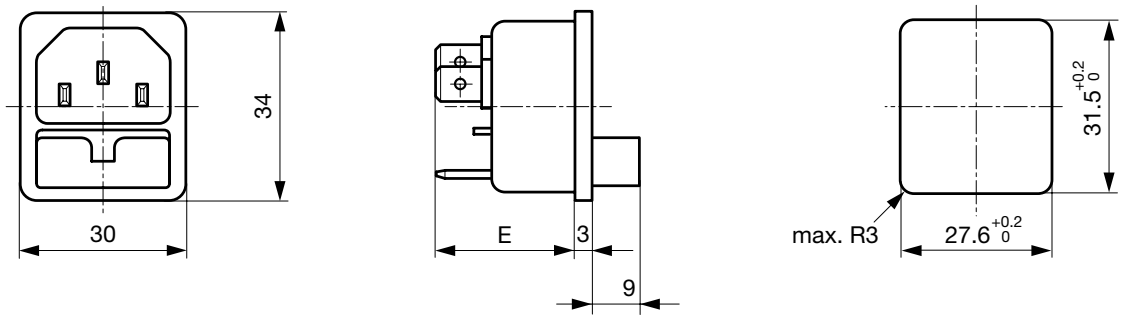
Dimensions [mm]

Screw-on mounting



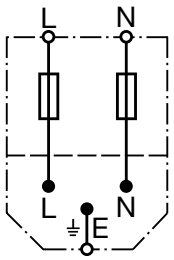
E: Solder terminals 20.5 mm
E: Quick connect terminals 23.5 mm

Snap-in mounting



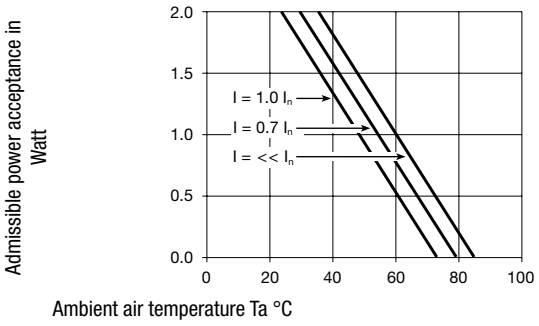
E: solder terminals 22.5 mm
E: quick-connect terminals 25.5 mm
S: 1.0/1.5/2.0/2.5/3.0 mm

Diagrams

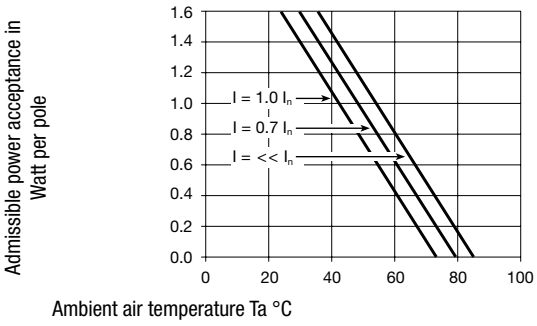


Derating Curves

1-pole



2-pole



All Variants

Protection Class	Panel mounting	Panel Thickness s [mm]	Fuseholder	Terminal	Internally wired	Order Number	
I	Snap-in	1	2-pole	Quick connect terminals 4.8 x 0.8 mm	●	6220.5210	
I	Snap-in	1.5	2-pole	Quick connect terminals 4.8 x 0.8 mm	●	6220.5215	▮
I	Snap-in	2	2-pole	Quick connect terminals 4.8 x 0.8 mm	●	6220.5220	▮
I	Snap-in	2.5	2-pole	Quick connect terminals 4.8 x 0.8 mm	●	6220.5225	▮
I	Snap-in	3	2-pole	Quick connect terminals 4.8 x 0.8 mm	●	6220.5230	
I	Snap-in	1	2-pole	Quick connect terminals 6.3 x 0.8 mm	●	6220.5310	▮
I	Snap-in	1.5	2-pole	Quick connect terminals 6.3 x 0.8 mm	●	6220.5315	▮
I	Snap-in	2	2-pole	Quick connect terminals 6.3 x 0.8 mm	●	6220.5320	▮
I	Snap-in	2.5	2-pole	Quick connect terminals 6.3 x 0.8 mm	●	6220.5325	
I	Snap-in	3	2-pole	Quick connect terminals 6.3 x 0.8 mm	●	6220.5330	▮
I	Snap-in	1	2-pole	Solder terminals 3.8 x 0.8 mm	●	6220.5110	
I	Snap-in	1.5	2-pole	Solder terminals 3.8 x 0.8 mm	●	6220.5115	▮
I	Snap-in	2	2-pole	Solder terminals 3.8 x 0.8 mm	●	6220.5120	
I	Snap-in	2.5	2-pole	Solder terminals 3.8 x 0.8 mm	●	6220.5125	
I	Snap-in	3	2-pole	Solder terminals 3.8 x 0.8 mm	●	6220.5130	
I	Screw	-	2-pole	Quick connect terminals 4.8 x 0.8 mm	●	6220.2200	▮
I	Screw	-	2-pole	Quick connect terminals 6.3 x 0.8 mm	●	6220.2300	▮
I	Screw	-	2-pole	Solder terminals 3.8 x 0.8 mm	●	6220.2100	▮

▮ Most Popular.

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

Packaging unit 50 Pcs

Accessories

Description



Assorted Covers
Rear Cover

	0859.0047
	4311.9403



RC320
Rear Cover for Power Entry Module



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



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 / Quick Connect, 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

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
4781 Mounting: Power Cord, Cable, Connector: IEC C15	4781
4784 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C15	4784
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14.03.2022

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.