

IEC Appliance Inlet C14 or C18 with Fuseholder 1- or 2-pole



See below:
[Approvals and Compliances](#)

Description

- Panel mount :
Screw-on mounting front / rear-side
- 2 Functions :
Appliance Inlet protection class I or II , fuse-links 5 x 20 mm 1- or 2-pole
- 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 60695-2-11 or -12 &-13.
- Solder terminals 3.8 x 0.8 mm / quick connect terminals 6.3 x 0.8 mm

Characteristics

- All single elements are already wired
- With slotted screw type fuseholder
- Suitable for use in equipment according to IEC/UL 62368-1

Other versions on request

- Fuse carrier with IP65 protection degree

References

Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Approvals](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#)

Technical Data

Ratings IEC	10A / 250VAC; 50Hz	Appliance inlet/-outlet	C14 or C18 acc. to IEC 60320-1, UL 60320-1, CSA C22.2 no. 60320-1 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I or II
Ratings UL/CSA	10A / 250VAC; 60Hz	Fuseholder	1-/2-pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20mm
Dielectric Strength	> 2 kVAC between L-N > 3 kVAC between L/N-PE (1 min/50Hz)	Rated Power Acceptance @ Ta 23 °C	5 x 20: 1.6W (1 pole)/ 1.6W (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	front side IP40 acc. to IEC 60529		
Protection against electric shock	Suitable for appliances with protection class I or II acc. to IEC 61140		
Terminal	Solder / Quick Connect		
Panel Thickness S	Screw: max 6mm Mounting screw torque max 0.5Nm		
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: 4707

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	Certificate Number: 40006816
	UL Approvals	UL	UR File Number: E93617




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

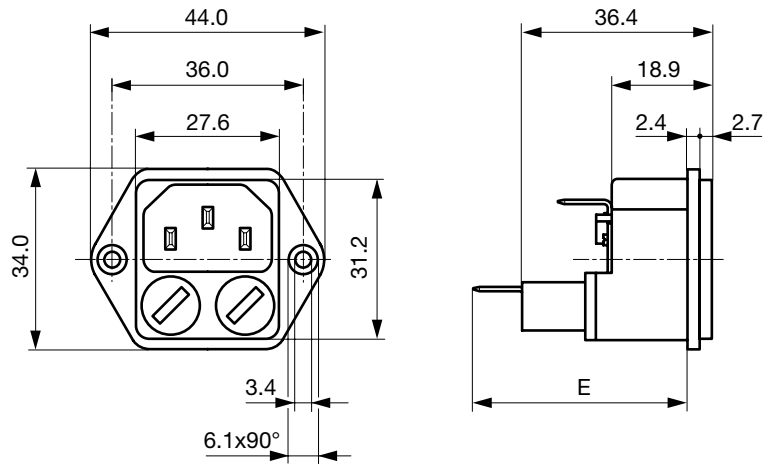
Organization	Design	Standard	Description
	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
	Suitable for applications acc.	IEC 60601-1	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance
	Suitable 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.
		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 Equipment	SCHURTER AG	Suitable for use in medical equipment according to IEC/UL 60601-1 (1 MOOP, 1 MOPP)

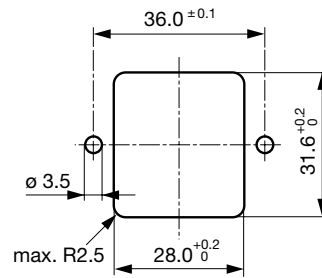
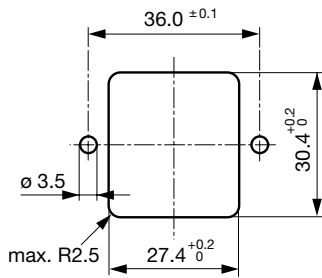
Dimensions [mm]



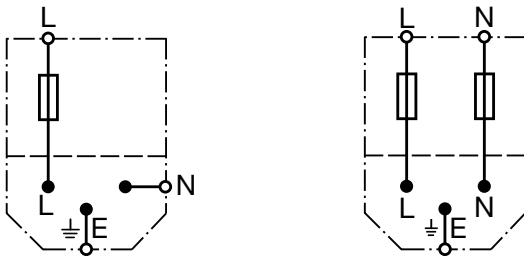
- E: solder terminals = 38 mm
- E: quick-connect terminals 6.3x0.8 = 41 mm
- E: quick-connect terminals 4.8x0.8 = 39.5 mm

Panel cut-out for front mounting

Panel cutout for rear side mounting



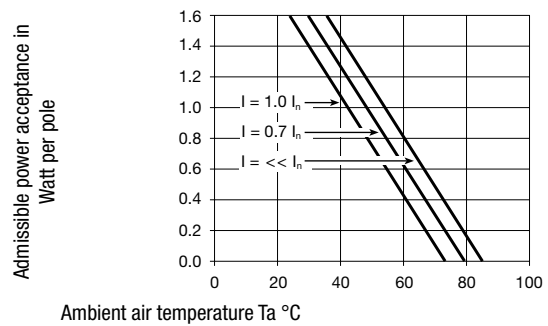
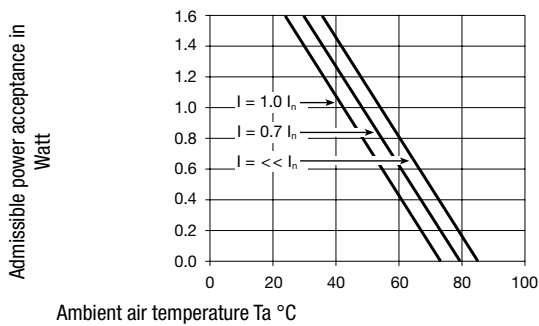
Diagrams



Derating Curves

1-pole

2-pole



All Variants

Protection Class	Terminal	Fuseholder	Order Number
I	Quick connect terminals 6.3 x 0.8 mm	1-pole	4707.1000
I	Solder terminals	1-pole	4707.1300
I	Quick connect terminals 6.3 x 0.8 mm	2-pole	4707.2000
I	Solder terminals	2-pole	4707.2300
II	Quick connect terminals 6.3 x 0.8 mm	2-pole	3-111-264

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

Packaging unit 100 Pcs

Accessories

Description



[RC320](#)
Rear Cover for Power Entry Module



[Cord_retaining_kits](#)
Cord retaining strain relief

Countersunk, B 4700.0002

Mating Outlets/Connectors

Category / Description



[Appliance Outlet Overview complete](#)

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

Mating Outlets/Connectors shuttered



[Connector Overview complete](#)

4783 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13	4783
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[Power Cord Overview complete](#)

VAC13KS, Overview, V-Lock cord retaining, diverse Connector IEC C13, diverse, black	VAC13KS
VAC17KS, V-Lock cord retaining, diverse m, Connector IEC C17, diverse, black / grey / white	VAC17KS