IEC Appliance Inlet C14 with Fuseholder 1-pole, wired

Screw-on mounting

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 from front side
- Appliance Inlet Protection class I , Fuseholder for fuse-links 5 x 20 mm 1-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 60695-2-12 and -13.
- Solder terminals or quick connect terminals

Characteristics
- All single elements are already wired
- Plug removal necessary for fuse-link replacement
- Suitable for use in equipment according to IEC/UL 60950

Other versions on request
- Types for rivet mounting available upon request

References
Alternative: version with line filter   5200
Alternative: Fuseholder 2-pole   6220

Weblinks
pdf datasheet, 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	> 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	from front side IP 40 acc. to IEC 60529
Insulation cover	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Solder terminals or quick connect terminals , 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, 10A, Protection Class I
Fuseholder	1-pole, Shocksafe category PC2 acc. to IEC 60127-6, UL 498, for fuse-links 5 x 20mm
Rated Power Acceptance @ Ta 23 °C	5 x 20: 2 W (1 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 134485 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: 6200

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	Certificate Number: 40036853
	UL Approvals	UL	UL File Number: E93617
	CQC Approvals	CQC	CCC Certificate Number: 2013010204594655

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
IEC	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
IEC	Designed according to	IEC 60127-6	Miniature fuses. Part 6. Fuse-holders for miniature fuse-links
IEC	Designed according to	IEC 61058-1	Switches for appliances. Part 1. General requirements
UL	Designed according to	UL 60320-1	Standard for Attachment Plugs and Receptacles
CSA Group	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
IEC	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.
IEC	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 60695-2-12 and -13.

Compliances

The product complies with following Guide Lines

| Identification	Details	Initiator	Description
CE	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 COMPLIANT	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
	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	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.
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 60695-2-12 and -13.

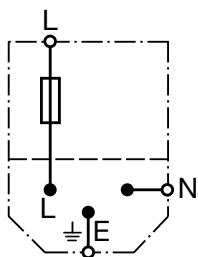## Dimensions [mm]

Screw-on mounting
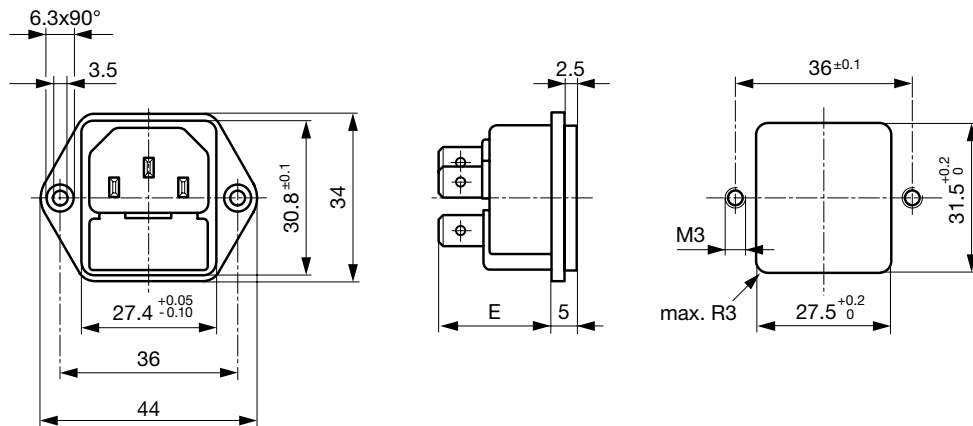
E: Solder terminals 20.5 mm
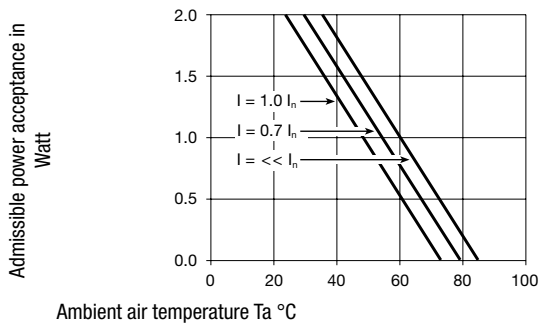E: Quick connect terminals 23.5 mm

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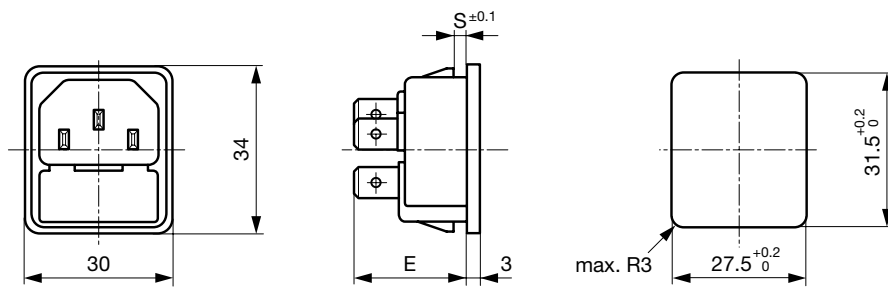
E: solder terminals 22.5 mm
E: quick-connect terminals 25.5 mm
S: 1.0/1.5/2.0/2.5/3.0 mm

Diagrams

Derating Curves

1-pole

Admissible power acceptance in Watt

I = 1.0 I_n
I = 0.7 I_n
I = << I_n

Ambient air temperature Ta °C

All Variants

Protection Class	Panel mounting	Panel Thickness s [mm]	Fuseholder	Terminal	Internally wired	Order Number	
I	Snap-in	1	1-pole	Quick connect terminals 4.8 x 0.8 mm	●	6200.4210	▮
I	Snap-in	1.5	1-pole	Quick connect terminals 4.8 x 0.8 mm	●	6200.4215	▮
I	Snap-in	2	1-pole	Quick connect terminals 4.8 x 0.8 mm	●	6200.4220	▮
I	Snap-in	2.5	1-pole	Quick connect terminals 4.8 x 0.8 mm	●	6200.4225	▮
I	Snap-in	3	1-pole	Quick connect terminals 4.8 x 0.8 mm	●	6200.4230	
I	Snap-in	1	1-pole	Quick connect terminals 6.3 x 0.8 mm	●	6200.4310	▮
I	Snap-in	1.5	1-pole	Quick connect terminals 6.3 x 0.8 mm	●	6200.4315	▮
I	Snap-in	2	1-pole	Quick connect terminals 6.3 x 0.8 mm	●	6200.4320	▮
I	Snap-in	2.5	1-pole	Quick connect terminals 6.3 x 0.8 mm	●	6200.4325	▮
I	Snap-in	3	1-pole	Quick connect terminals 6.3 x 0.8 mm	●	6200.4330	
I	Snap-in	1	1-pole	Solder terminals 3.8 x 0.8 mm	●	6200.4110	▮
I	Snap-in	1.5	1-pole	Solder terminals 3.8 x 0.8 mm	●	6200.4115	▮
I	Snap-in	2	1-pole	Solder terminals 3.8 x 0.8 mm	●	6200.4120	▮
I	Snap-in	2.5	1-pole	Solder terminals 3.8 x 0.8 mm	●	6200.4125	
I	Snap-in	3	1-pole	Solder terminals 3.8 x 0.8 mm	●	6200.4130	
I	Screw	-	1-pole	Quick connect terminals 4.8 x 0.8 mm	●	6200.2200	▮
I	Screw	-	1-pole	Quick connect terminals 6.3 x 0.8 mm	●	6200.2300	▮
I	Screw	-	1-pole	Solder terminals 3.8 x 0.8 mm	●	6200.2100	▮

▮ 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
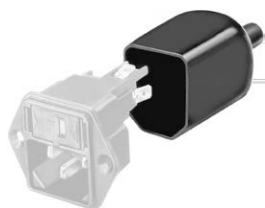
Assorted Covers	
Rear Cover	
	0859.0047
	4311.9403

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

IEC Appliance Outlet F, Screw-on Mounting, Front Side, Solder Terminal	4787
IEC Appliance Outlet F, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal	4788
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal	5091
Appliance Outlet further types to 6200	

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
IEC Connector C15 for hot conditions 120°C, Rewireable, Straight	4781
IEC Connector C15 for hot conditions 120°C, Rewireable, Angled	4784
Connector further types to 6200	...

Mouser Electronics

Authorized Distributor

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[Schurter](#):

[6200.4215](#) [6200.4315](#) [6200.2100](#) [6200.2300](#) [6200.2200](#) [6200.4115](#) [6200.4320](#) [6200.4112](#) [6200.4325](#) [6200.4310](#)

[6200.4110](#) [6200.4330](#) [6200.4210](#) [6200.4130](#) [6200.4230](#) [6200.4312](#) [6200.4220](#) [6200.4120](#) [6200.4125](#) [6200.4225](#)

[6200.9100](#)