

IEC Appliance Inlet C20, Screw-on Mounting, Front Side, Solder or Quick-connect Terminal, IP40 or IP54



4798

C20



70°C

Description

- Screw-on mounting front side
- Appliance Inlet, Pin temperature 70 °C, Protection class I
- V-Lock notch standard
- 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.
- Variant with IP54 from front side into the appliance
- Solder / Quick Connect

See below:

Approvals and Compliances

References

Alternative: version with line filter [5130; C20F](#)

Weblinks

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

Technical Data

Ratings IEC	16A / 250VAC; 50Hz
Ratings UL/CSA	20A / 250VAC; 60Hz
Dielectric Strength	> 2.2 kVAC between L-N > 4 kVAC between L/N-PE (1 min/50Hz)
Allowable Operation Temperature	-25 °C to 70 °C
IP-Protection	front side IP40 / IP54 acc. to IEC 60529
Protection against electric shock	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Solder / Quick Connect
Panel Thickness S	Screw: max 8 mm Mounting screw torque max 0.3 Nm
Material: Housing	Thermoplastic, black, UL 94V-0

Appliance inlet/-outlet	C20 acc. to IEC 60320-1, UL 60320-1, CSA C22.2 no. 60320-1 (for cold conditions) pin-temperature 70 °C, 16A, Protection Class I
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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: 4798

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	Certificate Number: 40020659
	UL Approvals	UL	UR File Number: E96454
	CCC Approvals	CCC	CCC Certificate Number: 2019180204009311, 2020180204012877

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
 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	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
 IEC	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.

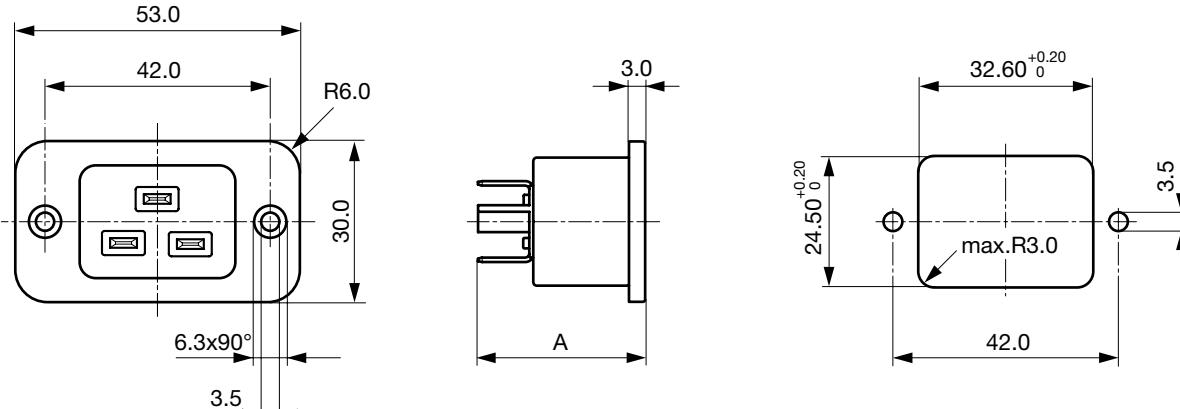
Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
 CE	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	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	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
 e	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	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.

Dimensions [mm]

4798



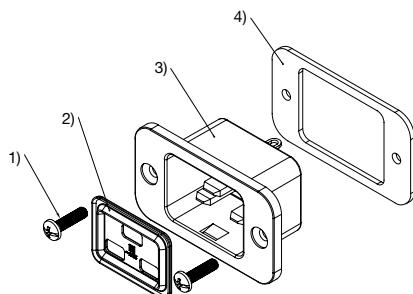
A = 32.0 mm: quick-connect terminals 6.3 x 0.8 mm

A = 30.4 mm: quick-connect terminals 4.8 x 0.8 mm

A = 29.0 mm: solder terminals

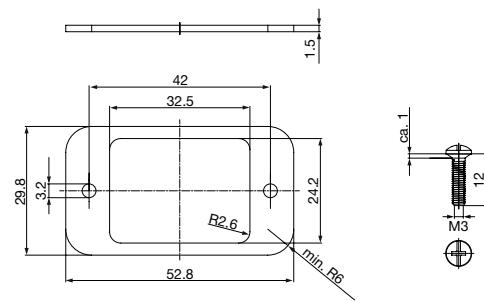
Assembly Instructions

4798 incl. sealing kit for IP54



- 1) Sealing screw
- 2) Inlet gasket factory mounted in inlet
- 3) Appliance inlet
- 4) Flat gasket

Dimensions flat gasket and sealing screw



All Variants

Panel mounting	Panel Thickness s [mm]	Terminal	IP Protection Class Front Side	Order Number
Screw	-	Quick connect terminals 6.3 x 0.8 mm	IP54	3-100-550
Screw	-	Quick connect terminals 6.3 x 0.8 mm	IP40	4798.9000
Screw	-	Solder terminals	IP40	4798.9200

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



Wire_Harness
 Wire harness for SCHURTER products



RC320
 Rear Cover for Power Entry Module



Cord_retaining_kits
 Cord retaining strain relief

Countersunk, K

4700.0010

Mating Outlets/Connectors

Category / Description

Connector Overview complete

4795, Mounting: Power Cord, Cable Connector: IEC C19	4795
4790, Mounting: Power Cord, Screw Connector: IEC C19	4790
0104U, Mounting: Power Supply Cord, Screw clamps Connector: IEC C19	0104U

Mating Outlets/Connectors shuttered

Power Cord Overview complete

VAC19KS, Overview, V-Lock cord retaining, diverse Connector IEC C19, diverse, black	VAC19KS
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