

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



4798

C20



70° C



See below:

[Approvals and Compliances](#)

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

Unique Selling Proposition

- Variants made from plant-based plastics with 7.3 kg CO2e reduction per packaging unit
- The plant-based plastics meet the increased glow wire test requirements according to IEC 60695-2-12 and -13

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 0.3Nm
Material: Housing	Thermoplastic, black, UL 94V-0

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](#)

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
	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
	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

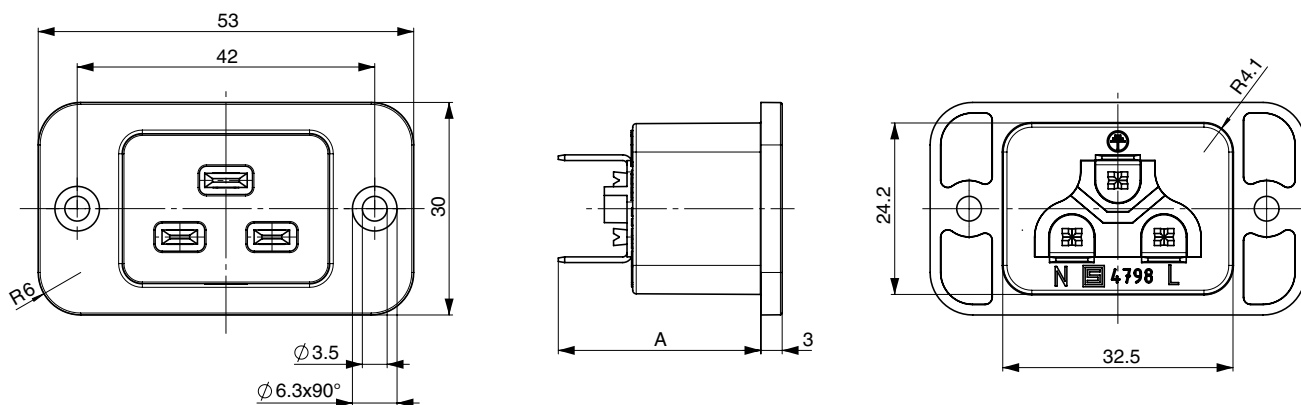
Organization	Design	Standard	Description
	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
	Suitable for applications acc.	IEC 60335-1	Safety of electrical appliances for household and similar purposes. Meets the 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

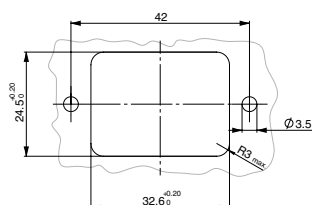
The product complies with following Guide Lines

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.
		SCHURTER AG	Green Line products are aligned with the UN's Strategic Development Goals (SDGs). Components of the products are made of sustainable, environmentally friendly materials. These include, for example, bio-based plastics or lead-free metal alloys. Products in this line can also support the economical, intelligent use of resources.

Dimensions [mm]



A = 29.0 mm: quick-connect terminals 6.3 x 0.8 mm
A = 27.4 mm: quick-connect terminals 4.8 x 0.8 mm
A = 26.0 mm: solder terminals

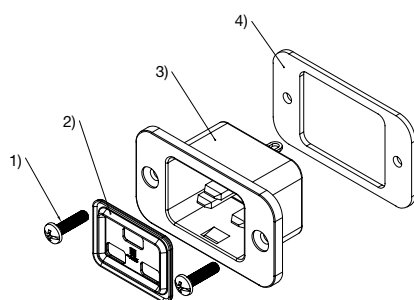


Panel cut-out

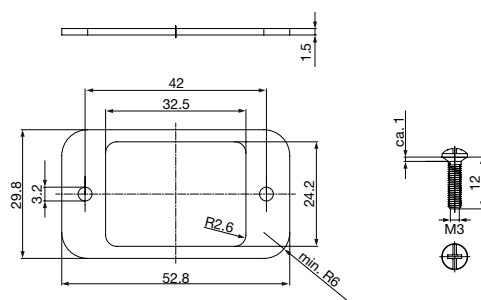
Assembly Instructions

4798 incl. sealing kit for IP54

Dimensions flat gasket and sealing screw



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



Variants

	Panel mounting	Panel Thickness s [mm]	Terminal	IP Protection Class Front Side	Protection Class	Order Number
●	Screw	-	Quick connect terminals 6.3 x 0.8 mm	IP40	I	3-148-861
	Screw	-	Quick connect terminals 6.3 x 0.8 mm	IP40	I	4798.9000
	Screw	-	Quick connect terminals 6.3 x 0.8 mm	IP54	I	3-100-550
	Screw	-	Solder terminals	IP40	I	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
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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

Mating Outlets/Connectors shuttered

	Connector Overview complete
4799, Mounting: Power Cord, Cable Connector: IEC C19	4799



[Power Cord Overview complete](#)

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

VAC19KS