IEC Connector C19, Rewireable, Straight



IEC Appliance Outlet C19 for cable mounting
Screw-on mounting
straight



Example with assembled cable

C19



70° C

See below:
Approvals and Compliances

Description

- Cord Connector :
  Screw-on mounting
- Connector , Pin temperature 70 °C , Protection class I
- Cable

Characteristics

- Suitable for use in equipment according to IEC/UL 62368-1

References

Substitute for type 0104; 1652
Alternative: version for wire size 2.5 mm2 0921

Weblinks

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

Technical Data

Ratings IEC	16 A / 250 VAC; 50 Hz
Ratings UL/CSA	20 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
Protection against electric shock	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Cable
Material: Housing	Thermoplastic, black, UL 94V-0

Appliance inlet/-outlet	C19 acc. to IEC 60320-1 UL 60320-1, CSA C22.2 no. 60320-1 (for cold conditions) pin-temperature 70 °C, 16 A, Protection Class I

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: 4795

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	Certificate Number: 40040046
	UL Approvals	UL	UL File Number: E96454
	CCC Approvals	CCC	CCC Certificate Number: 2014010204709145

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

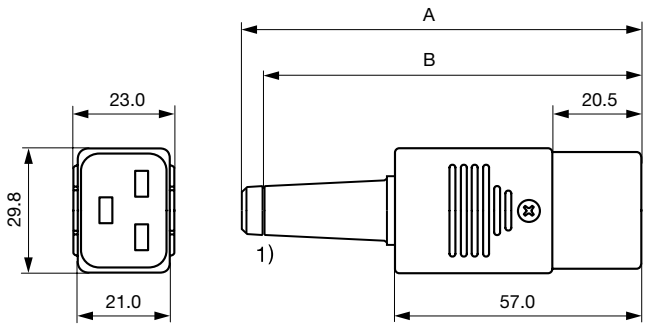
Organization	Design	Standard	Description
IEC	Designed for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements

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 COMPLIANT	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
China RoHS	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.

Dimensions [mm]



1) Cut strain relief 8 (10) mm here for 10 mm cable
A: Strain relief 8 mm: 92.0 mm
B: Strain relief 10 mm: 87.0 mm

All Variants

Color	Recommended cable diameter	Max. wire size	L = Length of cable guard	Order Number
black	8 mm	3 x 1.5 mm² / 3 x 14 AWG	-	4795.0000
black	10 mm	3 x 1.5 mm² / 3 x 14 AWG	-	4795.0100

Most Popular.

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

Max. torque for screws: Terminals: 0.8 Nm, Cable clamps: 0.4 Nm, Cover: 0.5 Nm

Packaging unit 50 Pcs

Accessories



Description	
Cord retaining kits Cord retaining strain relief	
Flat head, H	4700.0008
Countersunk, K	4700.0010
Flat head, L	4700.0011

Mating Inlets/Plugs



Category / Description	
Appliance Inlet Overview complete	
1601, Mounting: Screw, Solder terminal straight, IP20, Appliance Inlet, C20	1601
4793, Mounting: Snap-in, IP30, Appliance Inlet: IEC C20, Suitable for appliances with protection class I or II	4793
IEC Appliance Inlet C20, Screw-on Mounting, Front Side, Solder, Quick-connect or Screw Terminal	1621



IEC Inlet Filter Overview complete	
IEC Appliance Inlet C20 with Filter, ECO design, front or rear side Mounting	5130
C20F, Mounting: Screw Front-/Rear-Side, Filter: Standard and Medical Version, Capacitor: X2, 16 A, Solder / quick connect / wires (stranded), prewired	C20F
C22F, Mounting: Screw Front-/Rear-Side, Filter: Standard and Medical Version, Capacitor: X2, 16 A, Solder / quick connect / wires (stranded), prewired	C22F



Plug Overview complete	
4796, Mounting: Power Cord, Cable, Plug: IEC I	4796
4789, Mounting: Power Cord, Screw, Plug: IEC I	4789



Power Entry Module Overview complete	
EC11, Mounting: Screw, Rocker switch: non-illuminated or illuminated 2-pole, Appliance Inlet IEC C20, Quick connect terminals 6.3 x 0.8 mm, prewired	EC11

Category / Description



Power Entry Module with line filter Overview complete

IEC Appliance Inlet C20 with Filter, Circuit Breaker TA45 (recessed)	EF12

10.12.2021

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.