IEC Connector C19, Rewireable, Straight



Rewireable connector



Example with assembled cable

C19

70° C

See below:
Approvals and Compliances

Description

- Connector :
  Screwing cable terminal ,
- 1 Function :
  Pin temperature 70 °C , Protection class I
- Cable diameter max. 13.0 mm
- For max. wire size 12AWG / 2.5 mm2
- Note: cable guard has to be ordered separately, mating cable guards please find under accessories

Characteristics

- Suitable for use in equipment according to IEC/UL 60950

Weblinks

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

Technical Data

Ratings IEC	16 A / 250 VAC; 50 Hz
Ratings UL/CSA	21 A / 125/250 VAC; 60 Hz
Dielectric Strength	> 3 kVAC between L-N > 1.5 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temperature	-25 °C to 70 °C
IP-Protection	from front side IP 20 acc. to IEC 60529
Insulation cover	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Screw clamps
Material: Housing	PA6, black, UL 94V-0
appliance inlet/-outlet	C19 acc. to IEC 60320-1 UL 498, CSA C22.2 no. 42 (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

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: 0104U

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	Certificate Number: 40036952
	UL Approvals	UL	UL File Number: E103791
	CSA Approvals	CSA	CSA Certification Record: 027324

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 60320-1	Appliance couplers for household and similar general purposes
UL	Designed according to	UL 498	Standard for Attachment Plugs and Receptacles
CSA Group	Designed according to	CSA C22.2 no. 42	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices

Application standards

Application standards where the product can be used

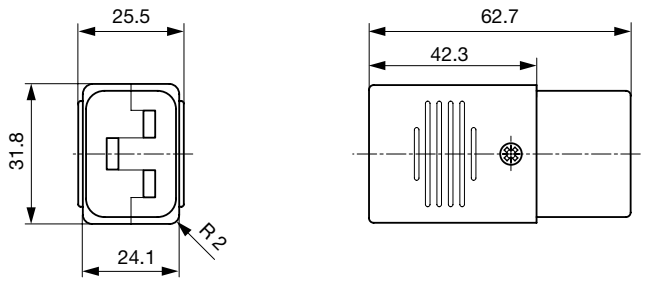
Organization	Design	Standard	Description
IEC	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technologyequipment.

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	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
50	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]



All Variants

Color	Max. cable diameter	Max. wire size	Order Number
black	13 mm	3 x 2.5 mm² / 3 x 12 AWG	4310.0005

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
	Cable Guard KT14 PVC Cable Guard for rewireable connectors

Mating Inlets/Plugs

	Category / Description	
	Appliance Inlet Overview complete	
	IEC Appliance Inlet C20, Screw-on Mounting, Rear Side, PCB Terminal	1601
	IEC Appliance Inlet C20, Screw-on Mounting, Front Side, Solder or Quick-connect Terminal	4798
	IEC Appliance Inlet C20, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal	4793
	IEC Appliance Inlet C20, Screw-on Mounting, Front Side, Solder, Quick-connect or Screw Terminal	1621
	Appliance Inlet further types to 0104U	
	Appliance inlets/-outlets Overview complete	
	Plug Coupler IEC C20 / IEC J, Screw-on Mounting	4730
	Appliance inlets/-outlets further types to 0104U	
	IEC Inlet Filter Overview complete	
	IEC Appliance Inlet C20 with Filter, ECO design, front or rear side Mounting	5130
	C20F, 20 A, prewired, Standard and Medical Version, Solder, quick connect or wires (stranded), Capacitor: X2, Screw, Mounting Front-/Rear-Side, Power Entry Modules with Filter	C20F
	C20F, 20 A, prewired, Standard and Medical Version, Solder, quick connect or wires (stranded), Capacitor: X2, Screw, Mounting Front-/Rear-Side, Power Entry Modules with Filter	C22F
	IEC Inlet Filter further types to 0104U	
	Plug Overview complete	
	IEC Plug I, Cord Connector (Rewireable), Straight	4796
	IEC Plug I, Cord Connector (Rewireable), Angled	4789
	Plug further types to 0104U	
	Power Entry Module Overview complete	
	IEC Appliance Inlet C20 with Line Switch, 2-pole	EC11
	0 0 0 0 0 0	6136
	IEC Appliance Inlet C20 with Circuit Breaker TA45	EF11
	Power Entry Module further types to 0104U	

Category / Description



Power Entry Module with line filter Overview complete

EC12, 20 A, prewired, Standard and Medical Version, Quick connect terminals 6.3 x 0.8 mm, Capacitor: X2, Screw, Mounting Front-Side, Power Entry Modules with Filter	EC12
IEC Appliance Inlet C20 with Filter, Circuit Breaker TA45 (recessed)	EF12

Power Entry Module with line filter further types to 0104U

06.04.2018

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.