IEC Connector C21, for very hot conditions 155°C, Rewireable, Straight

Rewireable connector


Example with assembled cable

C21

155° C

Approvals and Compliances

Description
- Cord Connector
- Connector , Pin temperature 155 °C , Protection class I
- Cable diameter 6.5 - 16 mm
- Min. wire size 16AWG / 1.0 mm²
- Max. wire size 10AWG / 1.5 mm²

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	20 A / 250 VAC; 60 Hz
Dielectric Strength	> 1.5 kVAC between L-N > 1.5 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temperature	-25 °C to 155 °C
Insulation cover	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Cable
Material: Housing	Thermoplastic, black, UL 94V-0

appliance inlet/-outlet	C21 acc. to IEC 60320-1 UL 60320-1, CSA C22.2 no. 60320-1 (for very hot conditions) pin-temperature 155 °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: 1658

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	Certificate Number: 40039959
	UL Approvals	UL	UL File Number: E96454
	CQC Approvals	CQC	CCC File Number: 2014010204701246

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

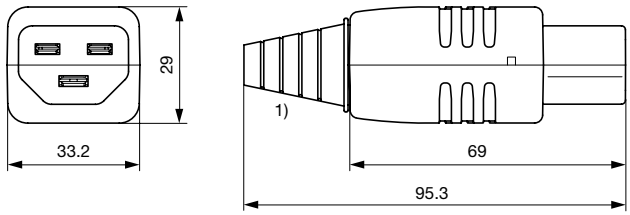
Organization	Design	Standard	Description
IEC	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technologyequipment.

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]



1) Cutting points for 10/12/14/16 mm cable diameter

All Variants

Color	Max. cable diameter	Max. wire size	Order Number
black	16 mm	3 x 1.5 mm² / 3 x 10 AWG	1658.0000

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 clamp: 0.4 Nm, Cover: 0.4 Nm

Packaging unit

50 Pcs

Mating Inlets/Plugs

Category / Description

Appliance Inlet Overview complete

IEC Appliance Inlet C22, for very hot conditions 155°C, Screw-on or Snap-in Mounting, Front Side	1681

Appliance Inlet further types to 1658

IEC Inlet Filter Overview complete

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 1658

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