

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



Rewireable connector



Example with assembled cable



See below:
[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	16A / 250VAC; 50 Hz	appliance inlet/-outlet	C21 acc. to IEC 60320-1
Ratings UL/CSA	20A / 250VAC; 60 Hz		UL 60320-1, CSA C22.2 no. 60320-1
Dielectric Strength	> 1.5kVAC between L-N > 1.5kVAC between L/N-PE (1 min/50Hz)		(for very hot conditions) pin-temperature 155 °C, 16A, Protection Class I
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		

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: 1659

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


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

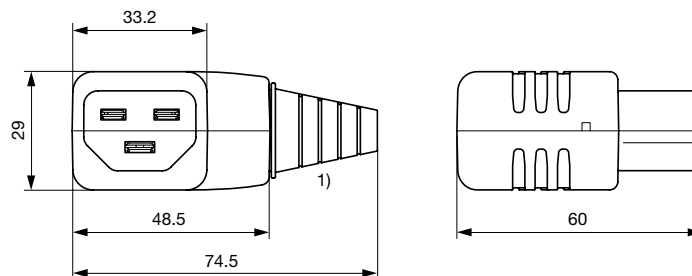
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.

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.
	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
	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.

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 mm ² / 3 x 10 AWG	1659.0000

 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 1659](#)



[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 1659](#)