IEC Plug I, Cord Connector (Rewireable), Straight

Rewireable connector

Example with assembled cable

I

70° C

See below:
Approvals and Compliances

Description
- Cord Connectors (Rewireable) :
  Screw-on mounting
- 1 Function
- Appliance Inlet , Pin temperature 70 °C , Protection class I
- Wire accomodation: Nordamerica 16/3 SJ to 12/3 SJ (.275" to .475" cable diameter), International (HAR cord) 3x1.5mm² bis 3x2.5mm² (8-12mm cable diameter)

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

References

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
IP-Protection	front side IP40 acc. to IEC 60529
Protection against electric shock	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Wire connections 3 x (16-12AWG)
Material: Housing	Thermoplastic, black, UL 94V-0

Appliance inlet/-outlet	I acc. to IEC 60320-3, 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

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: 0922

Approval Logo	Certificates	Certification Body	Description
UL	UL Approvals	UL	UL File Number: E96454
CSA	CSA Approvals	CSA	CSA Certification Record: 702825

Product standards
Product standards that are referenced

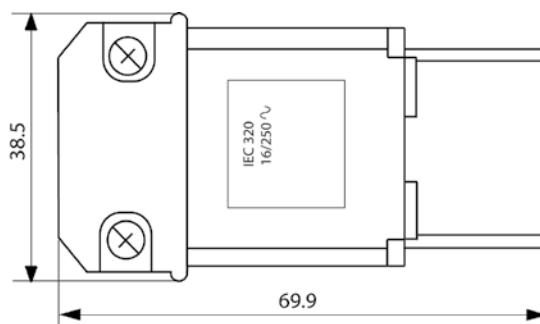| Organization	Design	Standard	Description
IEC	Designed according to	IEC 60320-3	Appliance couplers for household and similar general purposes
UL	Designed according to	UL 498	Standard for Attachment Plugs and Receptacles
CSA Group	Designed according to	CSA C22.2 no. 42	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices

Application standards
Application standards where the product can be used

Organization	Design	Standard	Description
IEC	Suitable 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.
RoHS COMPLIANT	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
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	Recommended cable diameter	Max. wire size	L = Length of cable guard	Order Number
black	12 mm	3 x 12 AWG	-	4300.0922

Availability for all products can be searched real-time: https://www.schurter.com/en/info-center/support-tools/stock-check-distributors

Packaging unit	50 Pcs

Mating Outlets/Connectors

Category / Description

Appliance Outlet Overview complete

4797-5, Mounting: Snap-in version, For PCB mounting, 250 VAC, 16 A, Appliance Outlet: IEC type J	4797-5
4710, Mounting: Snap-in version, IDC terminals, 250 VAC, 16 A, Appliance Outlet: IEC type J	4710
4797, Mounting: Snap-in or screw-on mounting, Solder / Quick Connect, 250 VAC, 16 A, Appliance Outlet: IEC type J	4797
5216, Mounting: Screw-on mounting, Quick connect terminals, 250 VAC, 16 A, Appliance Outlet: IEC type J	5216

Connector Overview complete

4795, Mounting: Power Cord, Cable Connector: IEC C19	4795
4790, Mounting: Power Cord, Screw Connector: IEC C19	4790
0104U, Mounting: Power Supply Cord, Screw clamps Connector: IEC C19	0104U

Rewireable Connector for Cable, straight entry Overview complete

0921, Mounting: Power Cord, Wire connections 3 x (16-12AWG) Connector: IEC C19	0921

26.09.2024

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.