

IEC Connector C19, Rewireable, Straight



Rewireable connector



Example with assembled cable

C19



70 °C

See below:

[Approvals and Compliances](#)

Description

- Cord Connector :
Screw-on mounting
- 1 Function :
- Connector , 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

Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Approvals](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#)

Technical Data

| | |
|-----------------------------------|---|
| Ratings IEC | 16A / 250VAC; 50Hz |
| Ratings UL/CSA | 20A / 250VAC; 60Hz |
| Dielectric Strength | > 2kVAC between L-N > 2kVAC between L/N-PE (1 min/50Hz) |
| Allowable Operation Temperature | -25 °C to 70 °C |
| 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 | C19 acc. to IEC 60320-1 UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 16A, 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: 0921

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


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 498 | Standard for Attachment Plugs and Receptacles |
|  | 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

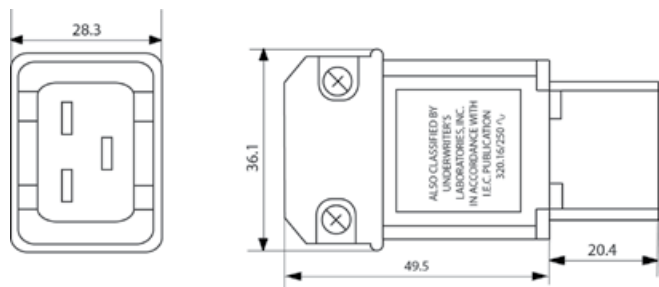
| Organization | Design | Standard | Description |
|--|--------------------------------|----------------|--|
|  | Designed for applications acc. | IEC/UL 62368-1 | IEC 62368-1 includes the basic requirements for safety of audio, video, information technology and office equipment. |

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 | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863 |
|  | 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 | - | 4300.0921 |

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

Packaging unit 50 Pcs

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 |

[Appliance Inlet further types to 0921](#)

[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 or wires (stranded), prewired | C20F |
| C22F, Mounting: Screw Front-/Rear-Side, Filter: Standard and Medical Version, Capacitor: X2, 16 A, Solder, quick connect or wires (stranded), prewired | C22F |

[IEC Inlet Filter further types to 0921](#)

[Plug Overview complete](#)



| | |
|--|------|
| 4796, Mounting: Power Cord, Cable, Plug: IEC I | 4796 |
| 4789, Mounting: Power Cord, Screw, Plug: IEC I | 4789 |
| 0922, Mounting: Power Cord, Wire connections 3 x (16-12AWG), Plug: IEC I | 0922 |

[Plug further types to 0921](#)



[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 |
|--|------|

[Power Entry Module further types to 0921](#)



[Power Entry Module with line filter Overview complete](#)

| | |
|---|------|
| EC12, Mounting: Screw Front Side, Filter: Standard and Medical Version, Capacitor: X2, 16 A, Quick connect terminals 6.3 x 0.8 mm, prewired | EC12 |
| IEC Appliance Inlet C20 with Filter, Circuit Breaker TA45 (recessed) | EF12 |

[Power Entry Module with line filter further types to 0921](#)