

IEC Connector C15A for very hot conditions 155°C, Rewireable, Straight



Standard version with nickel-plated contacts



Variant with gold plated contacts



See below:

Approvals and Compliances

Description

- Connector :
Screwing cable terminal
- Pin temperature 155 °C , Protection class I , Cable
- Cable guard included
- Variants with gold plated contacts

Unique Selling Proposition

- Wide range of approvals
- Gold plated contacts for sensitive applications
- Easy cable assembly

References

Substitute for type [0102](#); [0102-G](#)
 Last order date: 15.12.2023 (Only available as long as in stock)

Weblinks

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

Technical Data

| | | | |
|-----------------------------------|---|-------------------------|---|
| Ratings IEC | 10A / 250VAC; 50Hz | Appliance inlet/-outlet | C15A acc. to IEC 60320-1 UL 60320-1, CSA C22.2 no. 60320-1 (for hot conditions) pin-temperature 155 °C, 10A, Protection Class I |
| Ratings UL/CSA | 15A / 250VAC; 60Hz | | |
| Dielectric Strength | > 3kVAC between L-N > 1.5kVAC between L/N-PE (1 min/50Hz) | | |
| Allowable Operation Temperature | -25 °C to 155 °C | | |
| IP-Protection | front side IP20 acc. to IEC 60529 | | |
| Protection against electric shock | Suitable for appliances with protection class I acc. to IEC 61140 | | |
| Terminal | Screw clamps | | |
| Material: Housing | Phenolic, black | | |

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: 4771

| Approval Logo | Certificates | Certification Body | Description |
|---------------|--------------------------------|--------------------|---|
| | VDE Approvals | VDE | Certificate Number: 40045962 |
| | UL Approvals | UL | UL File Number: |
| | CCC Approvals | CCC | CCC Certificate Number: 2014010204709153 |
| | METI Approvals | METI | Japan Electrical Safety and Environment technology Laboratories |


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

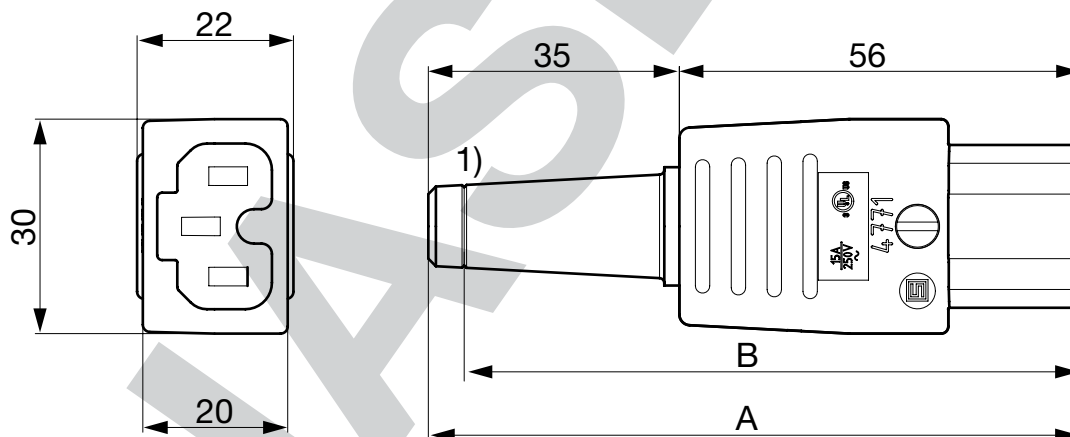
| Organization | Design | Standard | Description |
|--|--------------------------------|----------------|---|
|  | Suitable for applications acc. | IEC/UL 62368-1 | Audio/video, information and communication technology equipment - Part 1: Safety requirements |

Compliances

The product complies with following Guide Lines

| Identification | Details | Initiator | Description |
|--|--|-------------|---|
|  | CE 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. |
|  | UKCA declaration of conformity | SCHURTER AG | The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008. |
|  | RoHS | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863 |
|  | 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) Cut strain relief 8 (10) mm here for 10 mm cable
 A: Strain relief 8 mm: 91 mm
 B: Strain relief 10 mm: 86 mm

All Variants

| Color | Max. cable diameter | Max. wire size | Contact | Order Number |
|-------|---------------------|------------------------------------|-------------|--------------|
| black | 8 (10) mm | 3 x 1 mm ² / 3 x 14 AWG | raw | 4771.0110 |
| black | 10 mm | 3 x 1 mm ² / 3 x 14 AWG | raw | 4771.0210 |
| black | 8 (10) mm | 3 x 1 mm ² / 3 x 14 AWG | gold plated | 4771.1110 |
| black | 10 mm | 3 x 1 mm ² / 3 x 14 AWG | gold plated | 4771.1210 |

 Most Popular.

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

| Color | Max. cable diameter | Max. wire size | Contact | Order Number |
|-------|---------------------|----------------|---------|--------------|
|-------|---------------------|----------------|---------|--------------|

Max. torque for screws: Terminals: 0.8 Nm, Cable clamps: 0.8 Nm, Cover: 0.8 Nm

| | |
|-----------------------|--------|
| Packaging unit | 50 Pcs |
|-----------------------|--------|

Mating Inlets/Plugs

Category / Description

» [Overview complete](#)



| | |
|--|--------|
| IEC Appliance Inlet C14 with Line Switch 1-pole | KEB1 |
| IEC Appliance Inlet C14, with Line Switch 2-pole, Voltage Selector and Fuseholder 1or 2-pole | 6766 |
| IEC Appliance Inlet C14 with Line Switch 1- or 2-pole | 6010-K |
| IEC Appliance Inlet C14 with Fuseholder 2-pole, Line Switch 2-pole and Voltage Selector | GRM1 |
| IEC Appliance Inlet C14 with Appliance Outlet F, Line Switch 2-pole and Voltage Selector | PMM |
| ... | |

[Appliance Inlet Overview complete](#)



| | |
|---|--------|
| 6061, Mounting: Screw, Appliance Inlet: IEC C14 | 6080 |
| 6110-3, Mounting: Screw, Solder / Quick Connect, Appliance Inlet: IEC C16 | 6110-3 |
| 6110-4, Mounting: Snap-in, Solder / Quick Connect, Appliance Inlet: IEC C16 | 6110-4 |
| 6100-3, Mounting: Screw, Solder / Quick Connect, Appliance Inlet: IEC C14 | 6100-3 |
| 6100-4, Mounting: Snap-in, Solder / Quick Connect, Appliance Inlet: IEC C14 | 6100-4 |
| ... | |

[Distribution Unit Overview complete](#)



| | |
|--|------|
| 0712-PQ, Mounting: Snap-in, Front Side, Solder terminal (4.8 x 0.8 mm), 1x Appliance Outlet: IEC F | 0712 |
| 4741, Mounting: 2x Appliance Outlet: IEC F | 4741 |
| 4747, Mounting: 4x Appliance Outlet: IEC F | 4747 |
| 4740, Mounting: 6x Appliance Outlet: IEC F | 4740 |

[IEC Inlet Filter Overview complete](#)



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|---|------|
| GRF2, Mounting: Rear Side, With EMC-shield and without line filter, 10 A, Plug Connector, Appliance Inlet: IEC C14, Suitable for appliances with protection class I | GRF2 |
| 5110, Mounting: Screw, Front Side, Filter: Standard and Medical Version, Without fuse holder: 10 A, Thermoplastic Appliance Inlet: IEC C14, prewired, Suitable for appliances with protection class I | 5110 |
| KFS, Mounting: Screw, Front Side, Filter: Standard version, Without fuse holder: 10 A, Appliance Inlet: IEC C14, pre-wired | KFS |

[Plug Overview complete](#)



| | |
|--|------|
| 4732, Mounting: Power Cord, Plug: IEC E, Cable | 4732 |
| 4735, Mounting: Power Cord, Plug: IEC E, Cable | 4735 |
| 9009, Mounting: Plug: IEC E, Screw clamps | 9009 |
| 4733, Mounting: Power Cord, Plug: IEC E, Cable | 4733 |
| 4736, Mounting: Power Cord, Plug: IEC E, Cable | 4736 |
| ... | |

Category / Description

Power Entry Module Overview complete



| | |
|--|------|
| DF11, Mounting: Screw, Rocker switch: non-illuminated or illuminated 2-pole, Quick connect terminals 6.3 x 0.8 mm, Appliance Inlet: IEC C14, Without fuse holder: Suitable for appliances with protection class I or II 0 DF11, Mounting: Screw, Quick connect terminals 6.3 x 0.8 mm, Without fuse holder: Rocker switch, non-illuminated or illuminated, 2-pole, Appliance Inlet: IEC C14, 250 VAC, prewired, Suitable for appliances with protection class I or II 0 DF11, Power Entry Module C14, 55°C, version: L: N: ground: fuseholder: color: design: dimension S: features: 0 DF11, Mounting: Snap-in/screw-on, Appliance Inlet: IEC C14, Without fuse holder: black, Suitable for appliances with protection class I or II 0 DF11, Mounting: Snap-in/screw-on 8 mm, Quick connect terminals 6.3 x 0.8 mm, IP40.: black, Appliance Inlet: IEC C14, Circuit Breakers TA45, A, non-illuminated, Protection Class I or II 0 DF11, Mounting: Snap-in/screw-on, mm, Without fuse holder: IEC Suitable for appliances with protection class I or II 0 | DF11 |
| DD11, Mounting: Screw-on mounting, Rocker switch: non-illuminated or illuminated 2-pole, Quick connect terminals 4.8 x 0.8 mm, Appliance Inlet: IEC C14, With or without protection cover, Fuseholder: 1-/2-pole, Suitable for appliances with protection class I | DD11 |
| DD21, Mounting: Screw-on mounting Rear Side, Rocker switch: non-illuminated or illuminated 2-pole, additional quick connect 4.8 x 0.8 mm Appliance Inlet: IEC C14, Fuseholder: 1-/2-pole | DD21 |
| DC11, Mounting: Screw, Rocker switch: non-illuminated or illuminated 1-/2-pole, Quick connect terminals 4.8 x 0.8 mm, Appliance Inlet: IEC C14, Without fuse holder: Suitable for appliances with protection class I or II | DC11 |
| KEB2, Mounting: Screw, Quick connect terminals 4.8 x 0.8 mm, Without fuse holder: Rocker switch, non-illuminated or illuminated, 2-pole, Appliance Inlet: IEC C14, 250 VAC, prewired, Suitable for appliances with protection class I | KEB2 |
| ... | ... |

Power Entry Module with line filter Overview complete



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|--|------|
| DG12, Mounting : Screw, 8 mm, 15 A, prewired, Standard and Medical Version, Appliance Inlet: IEC C14 C18, Circuit Breakers TA35: DG12, Suitable for appliances with protection class I or II | DG12 |
| DD14, Mounting: Screw-on mounting, Front Side, Filter, Standard and Medical Version, Fuseholder: 1-/2-pole, 10 A, Rocker switch: 2-pole, non-illuminated Appliance Inlet: IEC C14, prewired | DD14 |
| DD12, Mounting: Screw-on mounting, Front Side, Filter, Standard and Medical Version, Fuseholder: 1-/2-pole, 10 A, Rocker switch: 2-pole, non-illuminated Appliance Inlet: IEC C14, prewired | DD12 |
| KFB1, Mounting: Screw, Front Side, Filter: Standard version, Without fuse holder: 10 A, Rocker switch: 1-pole, Appliance Inlet: IEC C14, prewired | KFB1 |
| KFB2, Mounting: Screw, Front Side, Filter: Standard and Medical Version, Without fuse holder: 10 A, Rocker switch: 2-pole, Appliance Inlet: IEC C14, prewired | KFB2 |
| ... | ... |

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