

Plug Coupler IEC C20 / IEC J, Screw-on Mounting



Rear side

type J



70° C

C20



70° C

See below:

[Approvals and Compliances](#)

Description

- Panel mount :
Screw-on mounting from front or rear-side
- 1 Function :
- Appliance Inlet , Pin temperature 70 °C , Protection class I

References

This type is Phase-out without alternate type
Last order date: 15.12.2018

Weblinks

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

Technical Data

| | | | |
|-----------------------------------|---|-------------------------|--|
| Ratings IEC | 16 A / 250 VAC; 50 Hz | appliance inlet/-outlet | C20 acc. to IEC 60320-1 |
| Ratings UL/CSA | 20 A / 125 VAC; 60 Hz | | UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 16 A, Protection Class I |
| Dielectric Strength | > 4 kVAC between L-N > 6 kVAC between L/N-PE (1 min/50 Hz) | | |
| Allowable Operation Temperature | -25 °C to 70 °C | | |
| IP-Protection | from front side IP40 acc. to IEC 60529 from rear-side IP40 acc. to IEC 60529 | | |
| Protection against electric shock | Suitable for appliances with protection class I acc. to IEC 61140 | | |
| Panel Thickness S | Screw: Mounting screw torque max 0.5 Nm | | |
| 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](#)

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: 4730

| Approval Logo | Certificates | Certification Body | Description |
|---|--------------------------------|--------------------|--------------------------------|
|  | TUEV Approvals | TUEV | Technischer Überwachungsverein |
|  | UL Approvals | UL | UL File Number: E96454 |


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 | 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

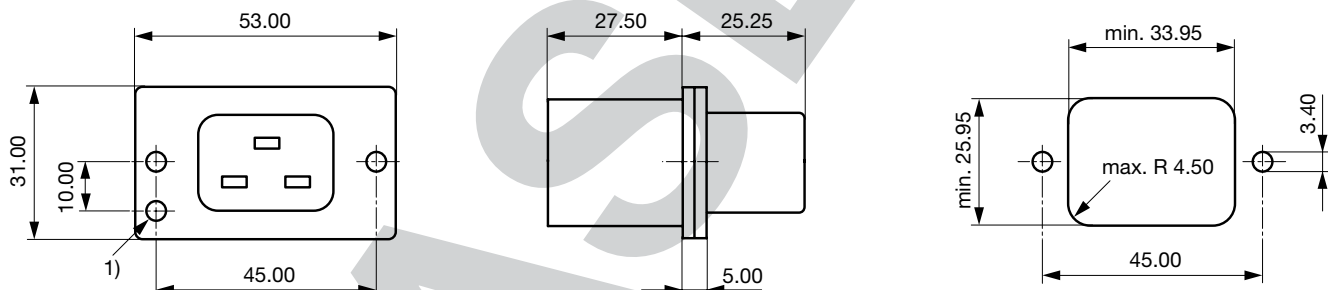
Application standards where the product can be used

| Organization | Design | Standard | Description |
|--|--------------------------------|--------------|---|
|  | Designed for applications acc. | IEC/UL 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 | 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) Orientation hole

All Variants

| Panel mounting | Panel Thickness s [mm] | Order Number |
|----------------|---------------------------|--------------|
| Screw | 8 | 4730.0100 |

Most Popular.

Availability for all products can be searched real-time: <https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>**Packaging unit** 100 Pcs

Mating Inlets/Plugs

Category / Description



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 4730](#)

Mating Outlets/Connectors



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 |

[Connector further types to 4730](#)



Power Supply Cord Overview complete

| | |
|--|-----------|
| Cord Sets 10 A, North America, 3.0 m, Connector IEC C13, SJT 3x18 AWG, Transparent | 4300.0920 |
| Cord Sets 16 A, Europlug, 2.5 m, Connector IEC C19, H05VV-F3G1.5, black | 6004.0395 |
| Cord Sets 16 A, Interconnection, 1.0 m, Connector IEC C19, H05VV-F3G1.5, black | 6020.0392 |
| Cord Sets 16 A, Interconnection, 2.0 m, Connector IEC C19, H05VV-F3G1.5, black | 6020.0394 |
| Cord Sets 16 A, North America, 2.5 m, Connector IEC C19, SJT 3x14 AWG, black | 6009.5195 |

[Power Supply Cord further types to 4730](#)

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