

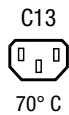
## IEC Connector C13, Rewireable, Angled



4785 Rewireable connector



4785 Example with assembled cable



See below:

### Approvals and Compliances

#### Description

- Cord Connectors (rewireable) :  
Screw-on mounting
- 1 Function
- Connector , Pin temperature 70 °C , Protection class I
- Cable

#### References

Substitute for type [P587.SE](#); [4013](#); [4021](#)

#### Weblinks

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

#### Technical Data

|                                 |                                                                   |
|---------------------------------|-------------------------------------------------------------------|
| Ratings IEC                     | 10 A / 250 VAC; 50 Hz                                             |
| Ratings UL/CSA                  | 15 A / 250 VAC; 60 Hz                                             |
| Dielectric Strength             | > 2 kVAC between L-N<br>> 2 kVAC between L/N-PE<br>(1 min/50 Hz)  |
| Allowable Operation Temperature | -25 °C to 70 °C                                                   |
| Insulation cover                | Suitable for appliances with protection class I acc. to IEC 61140 |
| Terminal                        | Cable                                                             |
| Material: Housing               | Thermoplastic, black, UL 94V-0                                    |

|                         |                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------|
| appliance inlet/-outlet | C13 acc. to IEC 60320-1<br>UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 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](#)

#### Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: 4785

| Approval Logo | Certificates                  | Certification Body | Description                              |
|---------------|-------------------------------|--------------------|------------------------------------------|
|               | <a href="#">VDE Approvals</a> | VDE                | VDE Certificate Number: 40031778         |
|               | <a href="#">UL Approvals</a>  | UL                 | UL File Number: E96454                   |
|               | <a href="#">CQC Approvals</a> | CQC                | CCC Certificate Number: 2013010204660946 |

#### 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

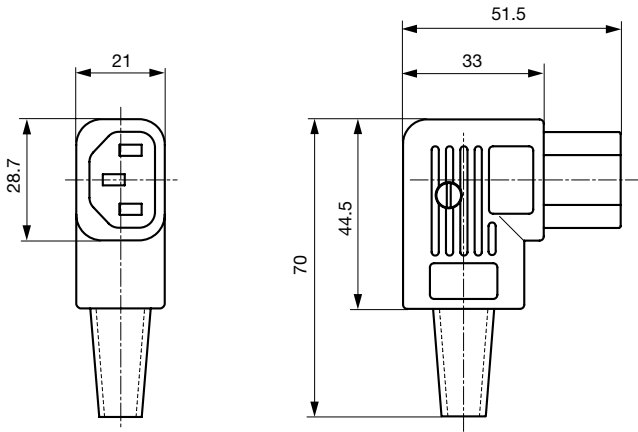
| Organization                                                                     | Design                         | Standard     | Description                                                                                     |
|----------------------------------------------------------------------------------|--------------------------------|--------------|-------------------------------------------------------------------------------------------------|
|  | 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                                                                                                                                                                                           |
|----------------------------------------------------------------------------------|----------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <a href="#">CE declaration of conformity</a> | 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]  
4785



All Variants

| Color | Max. cable diameter | Max. wire size                       | Order Number              |
|-------|---------------------|--------------------------------------|---------------------------|
| black | 8.5 mm              | 3 x 1 mm <sup>2</sup> / 3 x 18 AWG   | <a href="#">4785.0000</a> |
| black | 10 mm               | 3 x 1.5 mm <sup>2</sup> / 3 x 14 AWG | <a href="#">4785.0100</a> |

 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: 0.5 Nm, Cable clamps: 0.3 Nm, Cover: 0.3 Nm

|                |         |
|----------------|---------|
| Packaging unit | 100 Pcs |
|----------------|---------|

## Mating Inlets/Plugs

### Category / Description

#### Appliance Inlet Overview complete



|                                                                                                  |        |
|--------------------------------------------------------------------------------------------------|--------|
| 6100-3, Mounting: Screw, Solder terminals or quick connect terminals, Appliance Inlet: IEC C14   | 6100-3 |
| 6100-4, Mounting: Snap-in, Solder terminals or quick connect terminals, Appliance Inlet: IEC C14 | 6100-4 |
| 6102-3, Mounting: Screw, Solder terminals or quick connect terminals, Appliance Inlet: IEC C18   | 6102-3 |
| 6102-5, Mounting: Snap-in, Solder terminals or quick connect terminals, Appliance Inlet: IEC C18 | 6102-5 |
| G-Stecker, Mounting: Appliance Inlet : IEC C14 Without fuse holder                               | 6150   |

[Appliance Inlet further types to 4785](#)

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#### Distribution Unit Overview complete



|                                                                                                                        |      |
|------------------------------------------------------------------------------------------------------------------------|------|
| Distribution Unit for Snap-in Mounting with 1 IEC Appliance Inlet C14 and 1 Appliance Outlet F                         | 0712 |
| Distribution Unit with 1 IEC Appliance Inlet C14 and 2 Appliance Outlets F, Shuttered                                  | 4741 |
| Distribution Unit with 1 IEC Appliance Inlet C14 and 4 Appliance Outlets F                                             | 4747 |
| Distribution Unit with 1 IEC Appliance Inlet C14 or Power Cord, 4, 5 or 6 IEC Appliance Outlets F and Extra Components | 4740 |
| EMC Power Strip with Line Filter                                                                                       | FLBB |

[Distribution Unit further types to 4785](#)

#### IEC Inlet Filter Overview complete



|                                                                                                                                                                                                       |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 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  |

[IEC Inlet Filter further types to 4785](#)

#### Plug Overview complete



|                                                                               |      |
|-------------------------------------------------------------------------------|------|
| IEC Plug E, Cord Connector (Rewireable), Straight, max. cable Diameter 8.5 mm | 4732 |
| IEC Plug E, Cord Connector (Rewireable), Straight, max. Cable Diameter 10 mm  | 4735 |
| IEC Plug E, Cord Connector (Rewireable), Straight                             | 9009 |
| IEC Plug E, Cord Connector (Rewireable), Angled, max. Cable Diameter 8.5 mm   | 4733 |
| IEC Plug E, Cord Connector (Rewireable), Angled, max. Cable Diameter 10 mm    | 4736 |

[Plug further types to 4785](#)

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#### Power Entry Module Overview complete



|                                                                                                                                                                                                                                                                      |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 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, Fuse holder: 1 or 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, Fuse holder: 1 or 2 pole                                                                          | DD21 |
| DC11, Mounting: Screw, Rocker switch: non-illuminated or illuminated 1 or 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 |
| KEB1, Mounting: Screw, Quick connect terminals 4.8 x 0.8 mm, Without fuse holder: Rocker switch, non-illuminated or illuminated, red, 1-pole, Appliance Inlet: IEC C14, 250 VAC, prewired, Suitable for appliances with protection class I                           | KEB1 |
| 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 further types to 4785](#)

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#### Power Entry Module with line filter Overview complete



|                                                                                                                                                                                                                                              |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| DD14, Mounting: Screw-on mounting, Front Side, Filter: Standard and Medical Version, Fuse holder: 1 or 2 pole, 10 A, Rocker switch: 2-pole, non-illuminated Appliance Inlet: IEC C14, prewired                                               | DD14 |
| 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 |
| DC12, Mounting: Screw, Front-/Rear-Side, Filter: Standard and Medical Version, Without fuse holder: 10 A, Rocker switch: 1 or 2 pole, non-illuminated or illuminated Appliance Inlet: IEC C14, prewired                                      | DC12 |
| DC22 Mounting: Screw, Rear Side, PCB, 10 A, Filter: Standard and Medical Version, Without fuse holder: Rocker switch: 1 or 2 pole, non-illuminated or illuminated, Appliance Inlet: IEC C14, Suitable for appliances with protection class I | DC22 |

[Power Entry Module with line filter further types to 4785](#)

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