

Overview Power Cord with IEC Appliance Connector C19, V-Lock, straight



C19



70° C

See below:

Approvals and Compliances

Description

- Power Supply Cord / Interconnection Cord ,
- Protection class I , Pin temperature 70 °C ,
- with V-Lock interlocking system

Weblinks

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

Technical Data

| | | | |
|---------------------------------|---|-------------------------|--|
| Ratings IEC | 16 A / 250VAC; 50Hz | appliance inlet/-outlet | C19 acc. to IEC 60320-3 IEC 60320-1 UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 16A, Protection Class I |
| Ratings UL/CSA | 16 A / 125VAC; 60Hz | | |
| Dielectric Strength | > 2kVDC between L-N > 2kVAC between L/N-PE (1 min/50Hz) | | |
| Allowable Operation Temperature | -25 °C to 70 °C | | |
| IP-Protection | from front side IP 20 acc. to IEC 60529 | | |
| Insulation cover | Suitable for appliances with protection class I acc. to IEC 61140 | | |
| Terminal | moulded | | |
| Material: Housing | PVC, 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](#)

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 60320-3 | 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 | 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. |
|  | MicrositeV-Lock | SCHURTER AG | V-Lock system are based on a matching plug-dose combination. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset. |

All Variants

| Connector | | cable | | | | Plug | | | | | Order Number |
|-----------|--------|-----------------------------|----------------------------------|------------|-------|-------------------|---------|-------------|----------|---|--------------|
| Type | V-Lock | Cord Type | Conductor cross section | Length [m] | Color | Type | Country | Standard | Style | | |
| C19 | ● | H05VV-F3G1.5 | 3 x 1.5 mm ² | 2.0 | black | Australia | AU | AS 3112 | straight | - | 6051.2050 |
| C19 | ● | RVV 300/500 3x1.5 | 3 x 1.5 mm ² | 2.0 | black | China | CN | GB 2099 | straight | - | 6051.2052 |
| C19 | ● | RVV 300/500 3x1.5 | 3 x 1.5 mm ² | 6.0 | black | China | CN | GB 2099 | straight | - | 3-102-501 |
| C19 | ● | H05VV-F3G1.5 | 3 x 1.5 mm ² | 2.0 | black | Europlug | EU | CEE 7 / VII | angled | - | 3-100-965 |
| C19 | ● | H05VV-F3G1.5 | 3 x 1.5 mm ² | 2.0 | black | Europlug | EU | CEE 7 / VII | straight | - | 6051.2043 |
| C19 | ● | H05VV-F3G1.5 | 3 x 1.5 mm ² | 3.0 | black | Europlug | EU | CEE 7 / VII | angled | - | 6051.2103 |
| C19 | ● | H05VV-F3G1.5 | 3 x 1.5 mm ² | 6.0 | black | Europlug | EU | CEE 7 / VII | straight | - | 6051.2123 |
| C19 | ● | H05VV-F3G1.5 | 3 x 1.5 mm ² | 1.0 | black | Interconnection | INT | IEC 60320-1 | straight | - | 6051.2147 |
| C19 | ● | H05VV-F3G1.5 / SJT 3x14 AWG | 3 x 1.5 mm ² / 14 AWG | 1.0 | black | Interconnection | INT | IEC 60320-1 | straight | - | 6051.2197 |
| C19 | ● | H05VV-F3G1.5 / SJT 3x14 AWG | 3 x 1.5 mm ² / 14 AWG | 2.0 | black | Interconnection | INT | IEC 60320-1 | straight | - | 3-100-362 |
| C19 | ● | H05VV-F3G1.5 | 3 x 1.5 mm ² | 2.0 | black | Interconnection | INT | IEC 60320-1 | straight | - | 6051.2047 |
| C19 | ● | H05VV-F3G1.5 / SJT 3x14 AWG | 3 x 1.5 mm ² / 14 AWG | 3.0 | black | Interconnection | INT | IEC 60320-1 | straight | - | 3-100-363 |
| C19 | ● | VCTF 3x2.0 | 3 x 2 mm ² | 2.0 | black | Japan | JP | JIS 8303 | straight | - | 6051.2051 |
| C19 | ● | SJT 3x14 AWG | 3 x 14 AWG | 2.0 | black | North America | USA | NEMA 5-15P | straight | - | 6051.2041 |
| C19 | ● | SJT 3x14 AWG | 3 x 14 AWG | 2.5 | black | North America | USA | NEMA 6-15P | straight | - | 6051.2042 |
| C19 | ● | SJT 3x14 AWG | 3 x 14 AWG | 3.0 | white | North America | USA | NEMA 5-15P | straight | - | 6051.2131 |
| C19 | ● | SJT 3x14 AWG | 3 x 14 AWG | 6.0 | black | North America | USA | NEMA 5-15P | straight | - | 3-102-524 |
| C19 | ● | SJT 3x14 AWG | 3 x 14 AWG | 6.0 | black | North America | USA | NEMA 5-15P | straight | - | 6051.2141 |
| C19 | ● | H05VV-F3G1.5 | 3 x 1.5 mm ² | 2.5 | black | Switzerland | CH | SEV Typ 23 | straight | - | 6051.2045 |
| C19 | ● | H05VV-F3G1.5 | 3 x 1.5 mm ² | 2.0 | black | United Kingdom | UK | BS 1363 | angled | - | 6051.2048 |
| C19 | ● | H05VV-F3G1.5 | 3 x 1.5 mm ² | 6.0 | black | United Kingdom | UK | BS 1363 | angled | - | 3-107-922 |
| C19 | ● | H05VV-F3G1.5 | 3 x 1.5 mm ² | 3.0 | black | uninsulated wires | - | - | - | - | 6051.2109 |

| Connector | | cable | | | | Plug | | | | Order Number |
|-----------|--------|--------------|-------------------------|------------|-------|-------------------|---------|----------|-------|--------------|
| Type | V-Lock | Cord Type | Conductor cross section | Length [m] | Color | Type | Country | Standard | Style | |
| C19 | ● | H05VV-F3G1.5 | 3 x 1.5 mm ² | 6.0 | black | uninsulated wires | - | - | - | 6051.2129 |

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