

IEC Appliance Inlet C14 or C18 with Filter, Protection Degree IP65 into the Appliance, Fuseholder 1- or 2-pole, Front or Rear Mounting

Medical fuse drawer



V-Lock



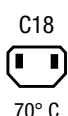
5707.xxxx.x2 Mounting from front side



5707.xxxx.xxx.22 with IP 54 V-Lock cord connection



5707 with IP 54 Inlet Gasket



## Description

- Panel Mount:  
Screw-on version from front or rear side, Screws with sealing are included
- 4 Functions:  
Appliance Inlet protection class I or II, Line filter in standard and medical version, Fuseholder for fuse-links 5 x 20 mm, IP 65 protection into the appliance
- For front side mounting versions a sealing kit IP 54 for the power supply connection is available as an accessory: 4700.0021
- Option suffix ".22" offers IP54 for the power input in combination with V-Lock cordsets
- Quick connect terminals 6.3 x 0.8 mm

## Approvals

- VDE Certificate Number: 40016382
- UL File Number: E72928

## Characteristics

- Extreme robust design
- All single elements are already wired
- Screw type fuse carrier, slotted
- With EMC-shield
- Especially for applications in rough environments
- Suitable for use in equipment according to IEC/UL 60950
- Suitable for use in medical equipment according to IEC/UL 60601-1

## Other versions on request

- With solder terminals
- Class X1- and Y1-capacitors for enhanced withstand voltage
- Medical version M80
- Additional factory-mounted sealing (IP54) of power input
- Version with current rating 3 A

## Weblinks

[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Wire Harnessing](#), [Detailed request for product](#)

Newly available variants corresponding to V-Lock mating cordset. 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.

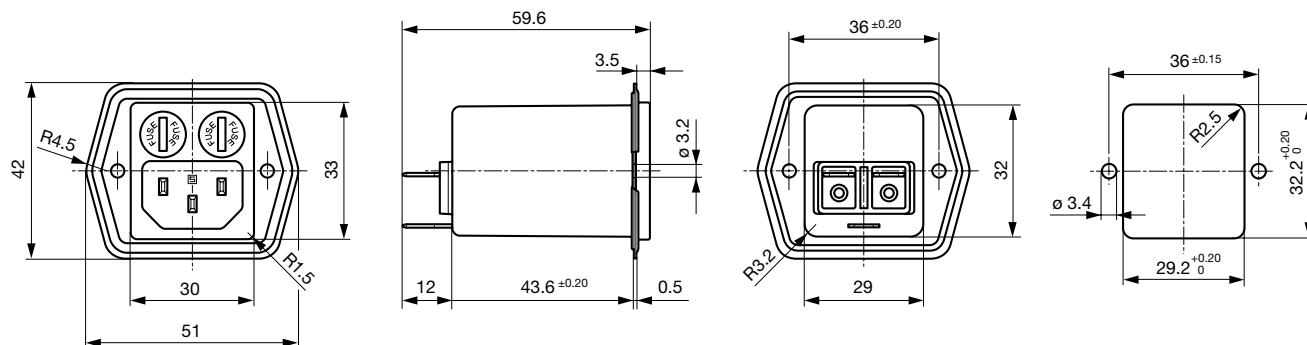
## Technical Data

|                           |                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------|
| Ratings IEC               | 1 - 8 A @ Ta 40 °C / 250VAC; 50 Hz                                                           |
| Ratings UL/CSA            | 1 - 8 A @ Ta 40 °C / 125VAC; 60 Hz                                                           |
| Leakage Current           | standard < 0.5 mA (250 V / 60 Hz)<br>medical < 5 µA (250 V / 60 Hz)                          |
| Dielectric Strength       | > 1.7 kVDC between L-N<br>> 2.7 kVDC between L/N-PE<br>Test voltage (2 sec)                  |
| Allowable Operation Temp. | -25 °C to 85 °C                                                                              |
| Climatic Category         | 25/085/21 acc. to IEC 60068-1                                                                |
| Degree of Protection      | from front side IP 65 acc. to IEC 60529<br>from rear-side IP 65 acc. to IEC 60529            |
| Protection Class          | Suitable for appliances with protection class I or II acc. to IEC 61140                      |
| Terminal                  | Quick connect terminals 6.3 x 0.8 mm                                                         |
| Panel Thickness s         | Screw, max 3 mm<br>Mounting screw torque max 0.8 Nm<br>2 screws M3 with sealing are provided |
| Material: Housing         | black / white / metallic, UL 94V-0                                                           |

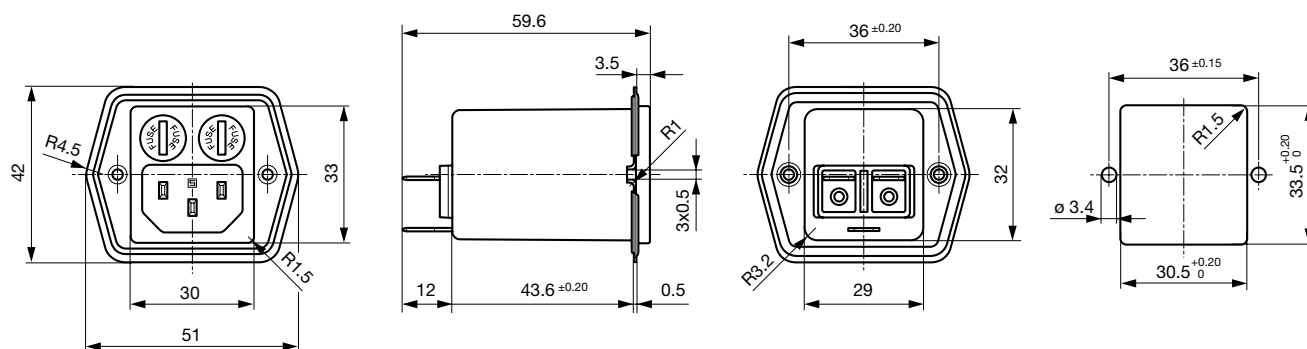
|                                   |                                                                                                                                    |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Appliance-Inlet/-Outlet           | C14 / C18 acc. to IEC 60320<br>UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 8 A, Protection Class I or II |
| Fuseholder                        | 1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 mm                                                  |
| Rated Power Acceptance @ Ta 23 °C | 5 x 20: 1.6W 1-pole/ 1,2W 2-pole per pole                                                                                          |
| Power Acceptance @ Ta > 23 °C     | Admissible power acceptance at higher ambient temperature see derating curves                                                      |
| Line Filter                       | Standard and Medical Version, IEC 60939, UL 1283, CSA C22.2 no. 8<br><a href="#">Technical Details</a>                             |
| MTBF                              | > 2'800'000 h acc. to MIL-HB-217 F                                                                                                 |

**Dimensions**

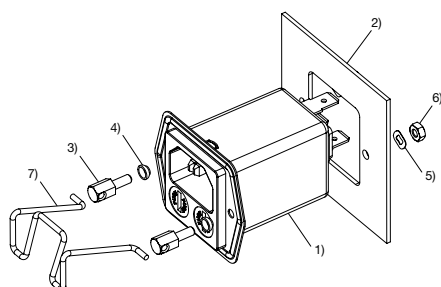
Mounting from front side



Mounting from rear side

**Assembly Instructions**

Mounting sealing kit IP 54 for the power supply (only for frontside mounting)

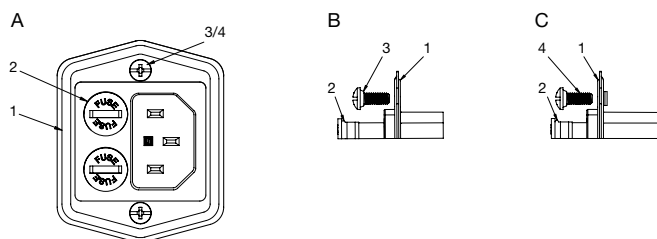


- 1) Power entry module with factory-mounted inlet gasket
- 2) Chassis
- 3) Pillar
- 4) Gasket ring
- 5) Crinkle washer
- 6) Nut
- 7) Retaining clip

Mating cordsets to sealing kit

| Part no   | Country plug   | Cable length | Cross section          | Color |
|-----------|----------------|--------------|------------------------|-------|
| 6000.0214 | open end       | 2.0 m        | 3x1 mm <sup>2</sup>    | black |
| 6003.0215 | EURO plug      | 2.5 m        | 3x1 mm <sup>2</sup>    | black |
| 6004.0215 | EURO plug      | 2.5 m        | 3x1 mm <sup>2</sup>    | black |
| 6007.0212 | EURO plug      | 1.0 m        | 3x1 mm <sup>2</sup>    | black |
| 6007.0214 | IEC plug       | 2.0 m        | 3x1 mm <sup>2</sup>    | black |
| 6004.0114 | EURO plug      | 2.0 m        | 3x0.75 mm <sup>2</sup> | black |
| 6026.0215 | Italy          | 2.5 m        | 3x1 mm <sup>2</sup>    | black |
| 6009.1315 | North America  | 2.5 m        | 3x18 AWG               | black |
| 6047.6414 | North America  | 2.0 m        | 3x0.75 mm <sup>2</sup> | black |
| 6009.1214 | North America  | 2.0 m        | 3x18 AWG               | black |
| 6011.0215 | Switzerland    | 2.5 m        | 3x1 mm <sup>2</sup>    | black |
| 6044.0215 | United Kingdom | 2.5 m        | 3x1 mm <sup>2</sup>    | black |

## Mounting standard version



A) front view

B) detail front mounting type

C) detail rear mounting type

- 1) sealing of flange
- 2) sealing of fuseholder
- 3) sealing of screw hole (front mounting type: sealing ring on screw head)
- 4) sealing of screw hole (rear mounting type: sealing on screw thread)

Important:

- use supplied fuse caps (2) and mounting screws (3/4)
- optimal sealing requires even and solid panel opening
- recommended tightening torque for mounting screws (2/3/4): 0.5-0.8 Nm
- IP65 protection between the inlet and connector pins, but no IP rating between the connector pins and the plug of the power cord!

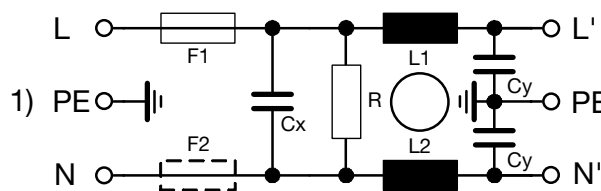
## Technical Data of Filter-Components

| Rated Current<br>[A] | Filter-Type           | Inductances<br>L [mH] | Capacitance<br>CX [nF] | Capacitance<br>CY [nF] | R [MΩ] |
|----------------------|-----------------------|-----------------------|------------------------|------------------------|--------|
| 1                    | Standard Version      | 2 x 12                | 100                    | 2.2                    | 1      |
| 2                    | Standard Version      | 2 x 5.2               | 100                    | 2.2                    | 1      |
| 4                    | Standard Version      | 2 x 2                 | 100                    | 2.2                    | 1      |
| 6                    | Standard Version      | 2 x 0.8               | 100                    | 2.2                    | 1      |
| 8                    | Standard Version      | 2 x 0.4               | 100                    | 2.2                    | 1      |
| 1                    | Medical Version (M5)  | 2 x 12                | 100                    | -                      | 1      |
| 2                    | Medical Version (M5)  | 2 x 5.2               | 100                    | -                      | 1      |
| 4                    | Medical Version (M5)  | 2 x 2                 | 100                    | -                      | 1      |
| 6                    | Medical Version (M5)  | 2 x 0.8               | 100                    | -                      | 1      |
| 8                    | Medical Version (M5)  | 2 x 0.4               | 100                    | -                      | 1      |
| 2                    | Medical Version (M80) | 2 x 5.2               | 100                    | 0.47                   | 1      |

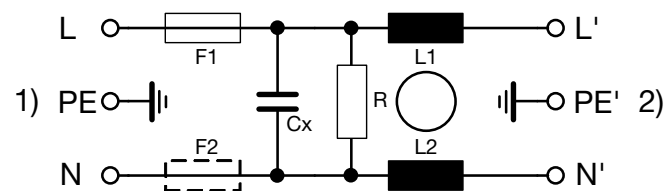
## Diagrams

Standard version

Medical version M5



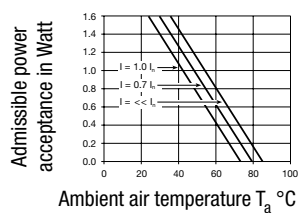
1) Line  
2) Load



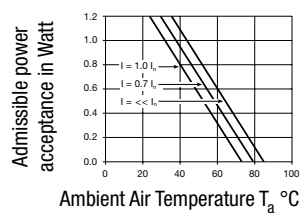
1) Line  
2) Load

## Derating Curves

1-pole



2-pole

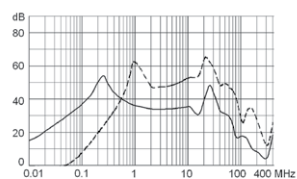


## Attenuation Loss

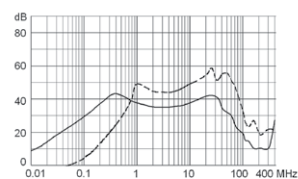
Standard version

- - - differential mode    \_\_\_\_\_ common mode

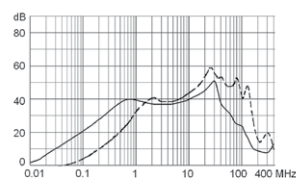
1 A



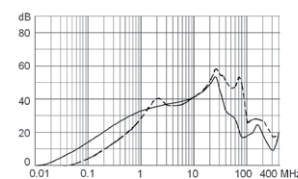
2 A



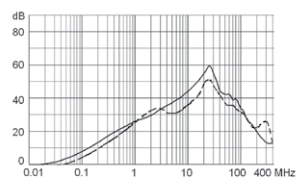
4 A



6 A

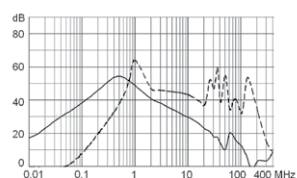


8 A

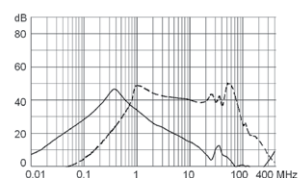


Medical version (M5)

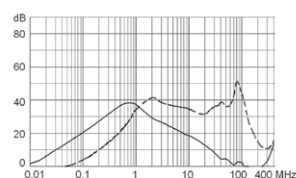
1 A



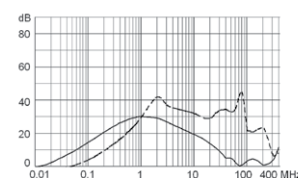
2 A



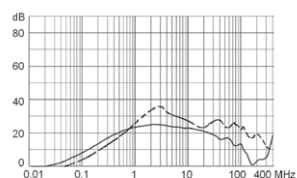
4 A



6 A



8 A



## All Variants

| Rated Current [A] | Filter-Type           | Mounting side | Protection Class | Fuseholder | Color | Order Number     |
|-------------------|-----------------------|---------------|------------------|------------|-------|------------------|
| 1                 | Standard Version      | Front Side    | I                | 1-pole     | black | 5707.0101.112    |
| 1                 | Standard Version      | Rear Side     | I                | 1-pole     | black | 5707.0101.113    |
| 2                 | Standard Version      | Front Side    | I                | 1-pole     | black | 5707.0201.112    |
| 2                 | Standard Version      | Rear Side     | I                | 1-pole     | black | 5707.0201.113    |
| 4                 | Standard Version      | Front Side    | I                | 1-pole     | black | 5707.0401.112    |
| 4                 | Standard Version      | Rear Side     | I                | 1-pole     | black | 5707.0401.113    |
| 6                 | Standard Version      | Front Side    | I                | 1-pole     | black | 5707.0601.112    |
| 6                 | Standard Version      | Rear Side     | I                | 1-pole     | black | 5707.0601.113    |
| 8                 | Standard Version      | Front Side    | I                | 1-pole     | black | 5707.0801.112    |
| 8                 | Standard Version      | Rear Side     | I                | 1-pole     | black | 5707.0801.113    |
| 1                 | Standard Version      | Front Side    | I                | 2-pole     | black | 5707.0101.312    |
| 1                 | Standard Version      | Rear Side     | I                | 2-pole     | black | 5707.0101.313    |
| 2                 | Standard Version      | Front Side    | I                | 2-pole     | black | 5707.0201.312    |
| 2                 | Standard Version      | Rear Side     | I                | 2-pole     | black | 5707.0201.313    |
| 4                 | Standard Version      | Front Side    | I                | 2-pole     | black | 5707.0401.312    |
| 4                 | Standard Version      | Rear Side     | I                | 2-pole     | black | 5707.0401.313    |
| 4                 | Standard Version      | Rear Side     | I                | 2-pole     | black | 5707.0401.313.22 |
| 6                 | Standard Version      | Front Side    | I                | 2-pole     | black | 5707.0601.312    |
| 6                 | Standard Version      | Rear Side     | I                | 2-pole     | black | 5707.0601.313    |
| 8                 | Standard Version      | Front Side    | I                | 2-pole     | black | 5707.0801.312    |
| 8                 | Standard Version      | Front Side    | I                | 2-pole     | black | 5707.0801.312.01 |
| 8                 | Standard Version      | Rear Side     | I                | 2-pole     | black | 5707.0801.313    |
| 8                 | Standard Version      | Rear Side     | I                | 2-pole     | black | 5707.0801.313.21 |
| 1                 | Medical Version (M5)  | Front Side    | I                | 2-pole     | black | 5707.0103.312    |
| 1                 | Medical Version (M5)  | Rear Side     | I                | 2-pole     | black | 5707.0103.313    |
| 1                 | Medical Version (M5)  | Rear Side     | I                | 2-pole     | black | 5707.0103.313.21 |
| 2                 | Medical Version (M5)  | Front Side    | I                | 2-pole     | black | 5707.0203.312    |
| 2                 | Medical Version (M5)  | Rear Side     | I                | 2-pole     | black | 5707.0203.313    |
| 2                 | Medical Version (M5)  | Rear Side     | I                | 2-pole     | black | 5707.0203.313.21 |
| 4                 | Medical Version (M5)  | Front Side    | I                | 2-pole     | black | 5707.0403.312    |
| 4                 | Medical Version (M5)  | Rear Side     | I                | 2-pole     | black | 5707.0403.313    |
| 4                 | Medical Version (M5)  | Rear Side     | I                | 2-pole     | black | 5707.0403.313.21 |
| 6                 | Medical Version (M5)  | Front Side    | I                | 2-pole     | black | 5707.0603.312    |
| 6                 | Medical Version (M5)  | Rear Side     | I                | 2-pole     | black | 5707.0603.313    |
| 6                 | Medical Version (M5)  | Rear Side     | I                | 2-pole     | black | 5707.0603.313.21 |
| 6                 | Medical Version (M5)  | Front Side    | I                | 2-pole     | white | 5707.0613.312    |
| 6                 | Medical Version (M5)  | Front Side    | I                | 2-pole     | white | 5707.0613.312.21 |
| 6                 | Medical Version (M5)  | Rear Side     | I                | 2-pole     | white | 5707.0613.313    |
| 6                 | Medical Version (M5)  | Rear Side     | I                | 2-pole     | white | 5707.0613.313.21 |
| 8                 | Medical Version (M5)  | Front Side    | I                | 2-pole     | black | 5707.0803.312    |
| 8                 | Medical Version (M5)  | Front Side    | I                | 2-pole     | black | 5707.0803.312.22 |
| 8                 | Medical Version (M5)  | Rear Side     | I                | 2-pole     | black | 5707.0803.313    |
| 8                 | Medical Version (M5)  | Rear Side     | I                | 2-pole     | black | 5707.0803.313.21 |
| 1                 | Medical Version (M5)  | Front Side    | II               | 2-pole     | black | 5707.0103.412    |
| 1                 | Medical Version (M5)  | Rear Side     | II               | 2-pole     | black | 5707.0103.413    |
| 2                 | Medical Version (M5)  | Front Side    | II               | 2-pole     | black | 5707.0203.412    |
| 2                 | Medical Version (M5)  | Rear Side     | II               | 2-pole     | black | 5707.0203.413    |
| 4                 | Medical Version (M5)  | Front Side    | II               | 2-pole     | black | 5707.0403.412    |
| 4                 | Medical Version (M5)  | Rear Side     | II               | 2-pole     | black | 5707.0403.413    |
| 6                 | Medical Version (M5)  | Front Side    | II               | 2-pole     | black | 5707.0603.412    |
| 6                 | Medical Version (M5)  | Rear Side     | II               | 2-pole     | black | 5707.0603.413    |
| 8                 | Medical Version (M5)  | Front Side    | II               | 2-pole     | black | 5707.0803.412    |
| 8                 | Medical Version (M5)  | Rear Side     | II               | 2-pole     | black | 5707.0803.413    |
| 2                 | Medical Version (M80) | Front Side    | I                | 2-pole     | black | 5707.0205.312.01 |

| Rated Current [A] | Filter-Type | Mounting side | Protection Class | Fuseholder | Color | Order Number |
|-------------------|-------------|---------------|------------------|------------|-------|--------------|
|-------------------|-------------|---------------|------------------|------------|-------|--------------|

Most Popular:

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

In addition to the IP 65 sealing to the appliance (standard version), the power input can be protected from ingressing fluids and dust with IP 54. This option is for V-Lock cordsets with suffix ".22" or for a cord with a retaining set with suffix ".01" available. The variant for IP54 with V-Lock cordsets is for front and rear side mounting versions available (5707.xxxx.xxx.22). The variant for IP54 with cord retaining set is only for front mounting versions available (5707.xxxx.xxx.01). A cord retaining set is available for fixing the cord connector: 4700.0021 (sample 4700.0021.H)

Suffix ".21" corresponds to the version with V-Lock mating cordset. 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.

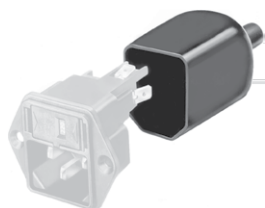
**Packaging unit** 10 Pcs

## Accessories

### Description



**Wire Harness**  
Wire harness for SCHURTER products



**Assorted Covers**  
Rear Cover

0859.0047

## Mating Outlets/Connectors

### Category / Description

#### Connector Overview complete



|                                                                                              |         |
|----------------------------------------------------------------------------------------------|---------|
| 4782 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13     | 4782    |
| 4022 Mounting: Power Supply Cord, 3 x 1.5 mm <sup>2</sup> , Screw clamps, Connector: IEC C13 | 4022    |
| 4785 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13     | 4785    |
| 4300-06 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13  | 4300-06 |
| 4012 Mounting: Power Supply Cord, 3 x 1.5 mm <sup>2</sup> , Screw clamps, Connector: IEC C13 | 4012    |

[Connector further types to 5707](#)

...

#### Interconnection Cord Overview complete



|                                                                      |           |
|----------------------------------------------------------------------|-----------|
| Cord Sets 10 A, Interconnection, 1.0 m, Connector IEC C13, cord end: | 6007.0212 |
| Cord Sets 10 A, Interconnection, 2.0 m, Connector IEC C13, cord end: | 6007.0214 |

[Interconnection Cord further types to 5707](#)

Category / Description



[Power Cord Overview complete](#)

|                                                       |           |
|-------------------------------------------------------|-----------|
| Cord Sets 10 A, Interconnection, 2.0 m, IEC cord end: | 6007.0204 |
|-------------------------------------------------------|-----------|

[Power Cord further types to 5707](#)



[Power Supply Cord Overview complete](#)

|                                                               |           |
|---------------------------------------------------------------|-----------|
| Cord Sets 10 A, Europlug, 2.5 m, Connector IEC C13, cord end: | 6004.0215 |
|---------------------------------------------------------------|-----------|

|                                                               |           |
|---------------------------------------------------------------|-----------|
| Cord Sets 10 A, Europlug, 2.5 m, Connector IEC C13, cord end: | 6003.0215 |
|---------------------------------------------------------------|-----------|

|                                                                        |           |
|------------------------------------------------------------------------|-----------|
| Cord Sets 10 A, uninsulated wires, 2.0 m, Connector IEC C13, cord end: | 6000.0224 |
|------------------------------------------------------------------------|-----------|

|                                                                        |           |
|------------------------------------------------------------------------|-----------|
| Cord Sets 10 A, uninsulated wires, 2.0 m, Connector IEC C13, cord end: | 6000.0214 |
|------------------------------------------------------------------------|-----------|

|                                                                     |           |
|---------------------------------------------------------------------|-----------|
| Cord Sets 10 A, United Kingdom, 2.5 m, Connector IEC C13, cord end: | 6044.0215 |
|---------------------------------------------------------------------|-----------|

[Power Supply Cord further types to 5707](#) ...



[Power Supply or Interconnection Cord Overview complete](#)

|                                                                |           |
|----------------------------------------------------------------|-----------|
| Cord Sets 10 A, United Kingdom, 2.0 m, Connector IEC cord end: | 6044.0204 |
|----------------------------------------------------------------|-----------|

|                                                                           |           |
|---------------------------------------------------------------------------|-----------|
| Kabelverbindung 10 A, United Kingdom, 2.0 m, Connector IEC C13, cord end: | 6045.0114 |
|---------------------------------------------------------------------------|-----------|

|                                                                        |           |
|------------------------------------------------------------------------|-----------|
| Kabelverbindung 10 A, diverse, diverse m, Connector IEC C13, cord end: | 6003.0205 |
|------------------------------------------------------------------------|-----------|

|                                                                        |           |
|------------------------------------------------------------------------|-----------|
| Kabelverbindung 10 A, diverse, diverse m, Connector IEC C13, cord end: | 6026.0205 |
|------------------------------------------------------------------------|-----------|

|                                                                        |           |
|------------------------------------------------------------------------|-----------|
| Kabelverbindung 10 A, diverse, diverse m, Connector IEC C13, cord end: | 6049.0007 |
|------------------------------------------------------------------------|-----------|

[Power Supply or Interconnection Cord further types to 5707](#)

## Mating Outlets/Connectors shuttered



[Power Cord Overview complete](#)

|                                                                                |           |
|--------------------------------------------------------------------------------|-----------|
| VAC17KS, North America, V-Lock cord retaining, 2.0 m, Connector C17, cord end: | 6051.2801 |
|--------------------------------------------------------------------------------|-----------|

|                                                                               |           |
|-------------------------------------------------------------------------------|-----------|
| VAC17KS, Europlug, V-Lock cord retaining, 2.0 m, Connector IEC C17, cord end: | 6051.2803 |
|-------------------------------------------------------------------------------|-----------|

|                                                         |         |
|---------------------------------------------------------|---------|
| VAC13KS, Overview, diverse Connector IEC C13, cord end: | VAC13KS |
|---------------------------------------------------------|---------|

[Power Cord further types to 5707](#)