### IEC Appliance Inlet C14 or C18 with Filter, ECO design, Front- or Rear Side Mounting







Snap-in mounting from front side

Front side mounting with plastic flange

Screw-on mounting from rear side, integrated thread with wires (stranded)





See below:

**Approvals and Compliances** 

70° C

# **Description**

- Panel mount :

Screw-on version from front or rear side, snap-in version from front side, PCB Version from rear side

- 2 Functions:

Appliance Inlet protection class I or II, Line filter in standard and medical version

- Solder/quick connect/wire (stranded)
- PCB
- Earth Terminal

## **Unique Selling Proposition**

- V-Lock cord retaining
- Metal flange for optimal shielding
- Compact design
- Variants for protection class I and II

## **Characteristics**

- Compact high performance filter
- Optimal shielding due to completely closed filter case, unpotted
- Suitable for assembly in metal plated plastic housings
- Suitable for use in medical equipment according to IEC/UL 60601-1 (1 MOOP, 1 MOPP)

For applications according IEC/UL 62368-1 we recommend variants with bleed resistor

#### Other versions on request

- Snap-in for panel thickness >2mm to 3mm
- flexible wire with various lenghts
- Class X1- and Y1-capacitors for enhanced withstand voltage
- Medical Version (M80)

#### References

Alternative: version without line filter 6100-3; 6100-4; 6102-3; 6102-5

### Weblinks

pdf data sheet, html datasheet, General Product Information, Approvals, Distributor-Stock-Check, Accessories, Detailed request for product

## **Technical Data**

Ratings IEC	1 - 10 A @ Ta 40 °C / 250 VAC; 50 Hz
Ratings UL/CSA	1 - 15 A @ Ta 40 °C / 250 VAC; 60 Hz
Leakage Current	standard < 0.5 mA (250 V / 60 Hz)
	medical < 5 μA (250 V / 60 Hz)
Dielectric Strength	> 1.7 kVDC between L-N
	> 2.7 kVDC between L/N-PE
	Test voltage (2 sec)
Allowable Operation Tempe-	-25 °C to 85 °C
rature	
Climatic Category	25/085/21 acc. to IEC 60068-1
IP-Protection	front side IP40 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
	Solder terminals
	Flexible wire AWG18 (15A AWG16),
	150 mm
Panel Thickness S	Screw with plastic flange: max 8 mm
	Mounting screw torque max 0.5 Nm
	Snap-in: 0.8 mm to 2 mm
	(all steps with one variant)
Material	Themoplast / steel tin-plated, black /
	metallic, UL 94V-0

Appliance inlet/-outlet	C14 / C18 acc. to IEC 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I or II
Line Filter	Standard and Medical Version, IEC 60939, UL 60939-3, CSA C22.2 no. 8 Technical Details
MTBF	> 3'000'000 h acc. to MIL-HB-217 F

# **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: 5120

Approval Logo	Certificates	Certification Body	Description
10	VDE Approvals	VDE	Certificate Number: 40016382
c <b>FU</b> °us	UL Approvals	UL	UR File Number: E495089
Cec	CQC Approvals	CQC	CQC Certificate Number: 19001218810, 22001364058

### **Product standards**

Product standards that are referenced

Organization	Design	Standard	Description
<u>IEC</u>	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
<u>IEC</u>	Designed according to	IEC 60939	Passive filters for suppressing electromagnetic interference
(ŲL)	Designed according to	UL 498	Standard for Attachment Plugs and Receptacles
(ŲL)	Designed according to	UL 60939-3	Passive filters for suppressing electromagnetic interference
CSA Group	Designed according to	CSA C22.2 no. 42	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices
CSA Group	Designed according to	CSA C22.2 no. 8	Electromagnetic interference (EMI) filters

# **Application standards**

Application standards where the product can be used

Organization	Design	Standard	Description
<u>IEC</u>	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
<u>IEC</u>	Suitable for applications acc.	IEC 60601-1	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance

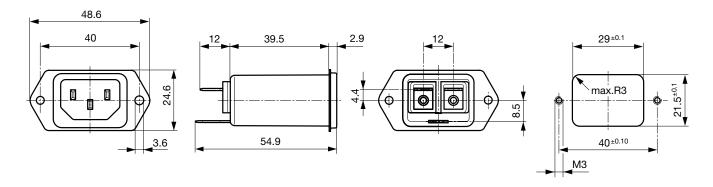
### Compliances

The product complies with following Guide Lines

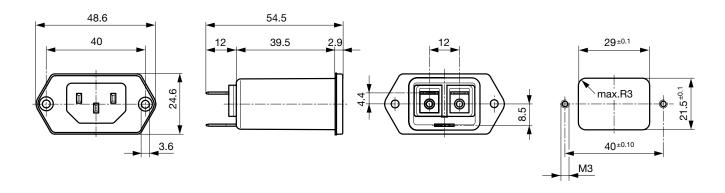
Identification	Details	Initiator	Description
C€	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
UK CA	UKCA declaration 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	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
<b>©</b>	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	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.
<b>V</b> -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.
T	Medical Equipment	SCHURTER AG	Suitable for use in medical equipment according to IEC/UL 60601-1 (1 M00P, 1 M0PP)

## Dimension [mm]

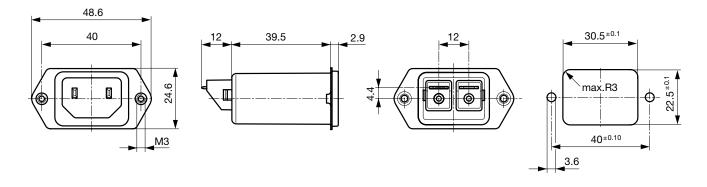
Front or rear side mounting for screws with nuts or blind rivets (panel cutout for frontside mounting)



Front side mounting with plastic flange

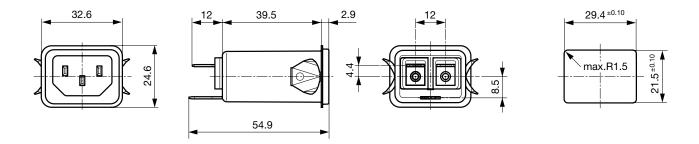


Rear side mounting with pre-formed, threaded holes for M3 screws (panel cutout for rear side mounting)



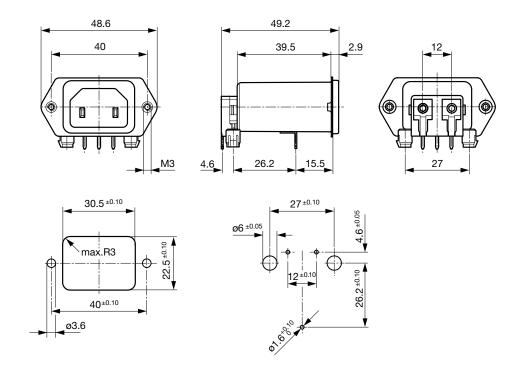
Dimensions for class II version also apply to class  $\mbox{\it I}$ 

## Snap-in mounting from front side

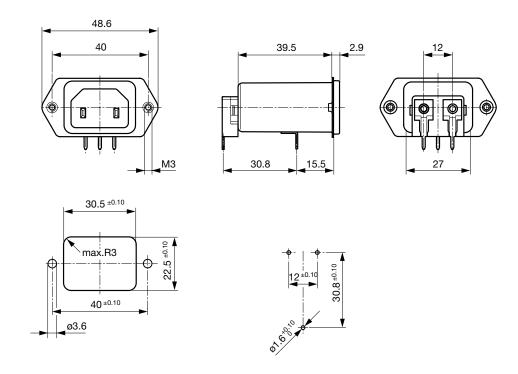


Dimensions for class I version also apply class II

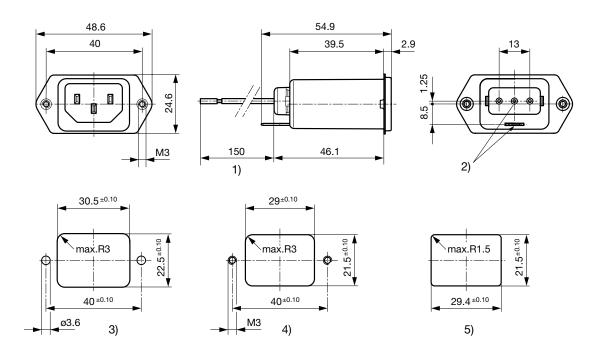
# PCB snap-in rear side mounting, protection class II



## PCB rear side mounting, protection class II



## Screw and snap-in mounting with flexible wire



- 1) Flexible wire, standard length 150 mm or special length on request
- 2) Nonexistent for protection class II
- 3) Panel cut-out screw-on version, back-side mounting
- 4) Panel cut-out screw-on version, front- or back-side mounting
- 5) Panel cut-out snap-in version, front-side mounting

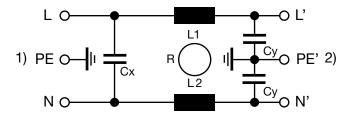
### **Technical Data of Filter-Components**

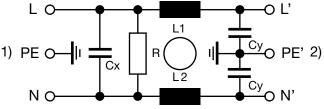
Rated Current [A]	Filter-Type	Inductances L [mH]	Capacitance CX [nF]	Capacitance CY [nF]	<b>R [M</b> Ω]
1	Standard version	2 x 12	100	2.2	-
2	Standard version	2 x 5.2	100	2.2	-
4	Standard version	2 x 2	100	2.2	-
6	Standard version	2 x 0.8	100	2.2	-
10	Standard version	2 x 0.4	100	2.2	-
15	Standard version	2 x 0.1	100	2.2	-
1	Standard Version with Bleed Resistor	2 x 12	100	2.2	1
2	Standard Version with Bleed Resistor	2 x 5.2	100	2.2	1
4	Standard Version with Bleed Resistor	2 x 2	100	2.2	1
6	Standard Version with Bleed Resistor	2 x 0.8	100	2.2	1
10	Standard Version with Bleed Resistor	2 x 0.4	100	2.2	1
15	Standard Version with Bleed Resistor	2 x 0.1	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
10	Medical Version (M5)	2 x 0.4	100	-	1
15	Medical Version (M5)	2 x 0.1	100	-	1

## **Diagrams**

Standard version

Standard version / Medical version M80

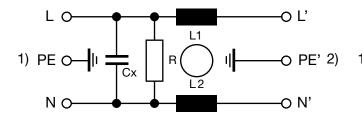


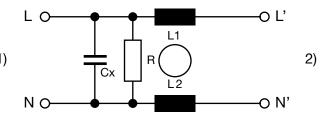


1) Line 2) Load 1) Line 2) Load

Medical Version (M5)

Medicalversion (M5), Protection Class II





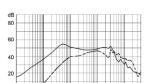
1) Line 2) Load

1) Line 2) Load

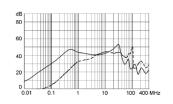
## **Attenuation Loss**

Standard version

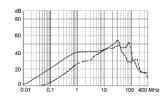
1 A



2 A

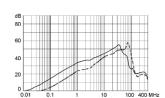


4 A

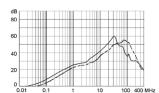


6 A

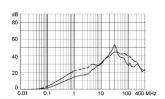
- - - -  $50\Omega$  differential mode \_\_\_\_\_  $50\Omega$  common mode



10 A

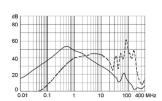


15 A

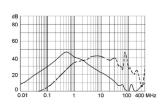


Medical version (M5)

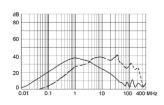
1 A



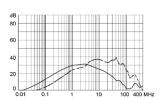
2 A



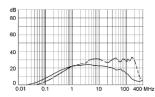
4 A



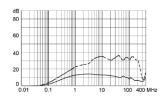
6 A



10 A



15 A



## **Variants**

Rated Cur- rent [A]	Filter-Type	Mounting	Mounting side	Terminal	Protection Class	V-Lock	Order Number
6	Standard version	Snap-in 2 - 3 mm	Front Side	Flexible wire AWG18	I	•	5120.3034.0
1	Standard version	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.2000.0
2	Standard version	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.2001.0
4	Standard version	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.2003.0
6	Standard version	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.2004.0
10	Standard version	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.2006.0
10	Standard version	Snap-in	Front Side	Flexible wire and Earth pin 6.3 x 0.8	I	•	5120.2046.0

Placet Cype rent (A)  Standard version Sinap-in  Standard version Screw-Soldering on PCB Read Side PEB pin and earth pin 63 x 0.8 8  Standard version Screw-Soldering on PCB Read Side PEB pin and earth pin 63 x 0.8 8  Standard version Screw-Soldering on PCB Read Side PEB pin and earth pin 63 x 0.8 8  Standard version Screw-Soldering on PCB Read Side PEB pin and earth pin 63 x 0.8 8  Standard version Screw-Soldering on PCB Read Side PEB pin and earth pin 63 x 0.8 8  Standard version Screw-Soldering on PCB Read Side PEB pin and earth pin 63 x 0.8 8  Standard version Screw-Soldering on PCB Read Side PEB pin and earth pin 63 x 0.8 8  Standard version Screw-Soldering on PCB Read Side PEB pin and earth pin 63 x 0.8 8  Standard version Screw-Soldering on PCB Read Side PEB pin and earth pin 63 x 0.8 8  Standard version Screw-Soldering on PCB Read Side PEB pin and earth pin 63 x 0.8 8  Standard version Screw-Soldering on PCB Read Side PEB pin and earth pin 63 x 0.8 8  Standard version Screw-Soldering and Sing-in on PCB Pin 63 x 0.8 8  Standard version Screw-Soldering and Sing-in on PCB Pin 63 x 0.8 8  Standard version Screw-Soldering and Sing-in on PCB Pin 63 x 0.8 8  Standard version Screw-Soldering and Sing-in on PCB Pin 63 x 0.8 8  Standard version Screw-Soldering and Sing-in on PCB Pin 63 x 0.8 8  Standard version Screw-Soldering and Sing-in on PCB Pin 63 x 0.8 8  Standard version Screw-Soldering and Sing-in on PCB Pin 63 x 0.8 8  Standard version Screw-solf-New Pin 64 x 0.8 8  Standard version Screw-solf-Ne	
Standard version   Screw/Soldering on PCB   Rear Side   PCB pin and cards pin 6.3 v.0.8   standard version   Screw/Soldering on PCB   Rear Side   PCB pin and searth pin 6.3 v.0.8   standard version   Screw/Soldering on PCB   Rear Side   PCB pin and searth pin 6.3 v.0.8   standard version   Screw/Soldering on PCB   Rear Side   PCB pin and searth pin 6.3 v.0.8   standard version   Screw/Soldering on PCB   Rear Side   PCB pin and searth pin 6.3 v.0.8   standard version   Screw/Soldering on PCB   Rear Side   PCB pin and earth pin 6.3 v.0.8   standard version   Screw/Soldering on PCB   Rear Side   PCB pin and earth pin 6.3 v.0.8   standard version   Screw/Soldering on PCB   Rear Side   PCB pin and earth pin 6.3 v.0.8   standard version   Screw/Soldering and Snap-in on PCB   Rear Side   PCB pin and earth pin 6.3 v.0.8   standard version   Screw/Soldering and Snap-in on PCB   PCB pin and earth pin 6.3 v.0.8   standard version   Screw/Soldering and Snap-in on PCB   PCB pin and earth pin 6.3 v.0.8   standard version   Screw/Soldering and Snap-in on PCB   PCB pin and earth pin 6.3 v.0.8   standard version   Screw/Soldering and Snap-in on PCB   PCB pin and earth pin 6.3 v.0.8   standard version   Screw/Soldering and Snap-in on PCB   PCB pin and earth pin 6.3 v.0.8   standard version   Screw/Soldering and Snap-in on PCB   PCB pin and earth pin 6.3 v.0.8   standard version   Screw/Soldering and Snap-in on PCB   PCB pin and earth pin 6.3 v.0.8   standard version   Screw/Soldering and Snap-in on PCB   PCB pin and earth pin 6.3 v.0.8   standard version   Screw/Soldering and Snap-in on PCB   PCB pin and earth pin 6.3 v.0.8   standard version   Screw-on/Rivet   Front-/Rear-Side   Consect   standard version   Screw-on/Rivet   Front-/Rear-Side   Consect   standard version   Screw-on/Rivet   Front-/Rear-Side   Solder terminals 6.3 v	Order Number
Standard version	5120.2007.0
4 Standard version Screw/Soldering on PCB Rear Side PCB gin and earth pin 6.3 x 0.8 pin pin 6.3 x 0.8 pin pin 6.3 x	5120.4070.0
Standard version   Screw/Soldering on PCB   Rear Side   PCB pin and earth pin 6.3 x 0.8	5120.4071.0
Standard version   Screw/Soldering on PCB   Rear Side   PCB pin and earth pin 6.3 x 0.8	5120.4073.0
Standard version   Screw/Soldering on PCB   Rear Side   PCB pin and earth pin 6.3 x 0.8   1   • PCB pin and earth pin 6.3 x 0.8   1   • PCB pin and earth pin 6.3 x 0.8   1   • PCB pin and earth pin 6.3 x 0.8   1   • PCB pin and earth pin 6.3 x 0.8   1   • PCB pin and earth pin 6.3 x 0.8   1   • PCB pin and earth pin 6.3 x 0.8   1   • PCB pin and earth pin 6.3 x 0.8   1   • PCB pin and earth pin 6.3 x 0.8   1   • PCB pin and earth pin 6.3 x 0.8   1   • PCB pin and earth pin 6.3 x 0.8   1   • PCB pin and earth pin 6.3 x 0.8   1   • PCB pin and earth pin 6.3 x 0.8   1   • PCB pin and earth pin 6.3 x 0.8   1   • PCB pin and earth pin 6.3 x 0.8   1   • PCB pin and earth pin 6.3 x 0.8   1   • PCB pin and earth pin 6.3 x 0.8   1   • PCB pin and earth pin 6.3 x 0.8   1   • PCB pin 6.3 x 0.8	5120.4074.0
pin 6.3 x 0.8  Standard version Screw/Soldering and Snap-in on PCB Standard version Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Standard version Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Screw-on/Rivet Front-/Rear-Side Ouck connect terminates 6.3 x 0.8 mm Screw-on/R	5120.4076.0
FOB   Standard version   Screw/Soldering and Snap-in on PCB   PCB pin and earth pin 6.3 x 0.8   PCB	5120.4077.0
PCB   Pin 6.3 x 0.8    4   Standard version   Screw/Soldering and Snap-in on PCB   PCB pin and earth pin 6.3 x 0.8    6   Standard version   Screw/Soldering and Snap-in on PCB   PCB pin and earth pin 6.3 x 0.8    10   Standard version   Screw/Soldering and Snap-in on PCB   PCB pin and earth pin 6.3 x 0.8    11   Standard version   Screw/Soldering and Snap-in on PCB   PCB pin and earth pin 6.3 x 0.8    12   Standard version   Screw/Soldering and Snap-in on PCB   PCB pin and earth pin 6.3 x 0.8    13   Standard version   Screw/Soldering and Snap-in on PCB   PCB pin and earth pin 6.3 x 0.8    14   Standard version   Screw/Soldering and Snap-in on PCB   PCB pin and earth pin 6.3 x 0.8    15   Standard version   Screw-on/Rivet   Front-/Rear-Side   PCB pin and earth pin 6.3 x 0.8    16   Standard version   Screw-on/Rivet   Front-/Rear-Side   Culck connect terminals 6.3 x 0.8 min    17   Standard version   Screw-on/Rivet   Front-/Rear-Side   Culck connect terminals 6.3 x 0.8 min    18   Standard version   Screw-on/Rivet   Front-/Rear-Side   Quick connect terminals 6.3 x 0.8 min    19   Standard version   Screw-on/Rivet   Front-/Rear-Side   Quick connect terminals 6.3 x 0.8 min    10   Standard version   Screw-on/Rivet   Front-/Rear-Side   Quick connect terminals 6.3 x 0.8 min    15   Standard version   Screw-on/Rivet   Front-/Rear-Side   Quick connect terminals 6.3 x 0.8 min    15   Standard version   Screw-on/Rivet   Front-/Rear-Side   Persite   Persite   Persite    16   Standard version   Screw-on/Rivet   Front-/Rear-Side   Persite   Persite   Persite    17   Standard version   Screw-on/Rivet   Front-/Rear-Side   Persite   Persite   Persite    18   Standard version   Screw with plastic flange   Front Side   Quick connect terminals 6.3 x 0.8 min    20   Standard version   Screw with plastic flange   Front Side   Quick connect terminals 6.3 x 0.8 min    4   Standard version   Screw with plastic flange   Front Side   Quick connect terminals 6.3 x 0.8 min    5   Standard version   Screw with plastic flange   Front Side	5120.5070.0
FÖB Standard version Screw/Soldering and Snap-in on PCB pin 6.3 x 0.8  10 Standard version Screw/Soldering and Snap-in on PCB pin 6.3 x 0.8  11 Standard version Screw/Soldering and Snap-in on PCB  15 Standard version Screw/Soldering and Snap-in on PCB  16 Standard version Screw/Soldering and Snap-in on PCB  1 Standard version Screw-on/Rivet Front-/Rear-Side PCB pin and earth pin 6.3 x 0.8  1 Standard version Screw-on/Rivet Front-/Rear-Side Solder terminals 6.3 x 0.8 mm  1 Standard version Screw-on/Rivet Front-/Rear-Side Solder terminals G.3 x 0.8 mm  2 Standard version Screw-on/Rivet Front-/Rear-Side Ouick connect terminals G.3 x 0.8 mm  4 Standard version Screw-on/Rivet Front-/Rear-Side Ouick connect terminals G.3 x 0.8 mm  6 Standard version Screw-on/Rivet Front-/Rear-Side Ouick connect terminals G.3 x 0.8 mm  10 Standard version Screw-on/Rivet Front-/Rear-Side Ouick connect terminals G.3 x 0.8 mm  10 Standard version Screw-on/Rivet Front-/Rear-Side Ouick connect terminals G.3 x 0.8 mm  11 Standard version Screw-on/Rivet Front-/Rear-Side Ouick connect terminals G.3 x 0.8 mm  12 Standard version Screw-on/Rivet Front-/Rear-Side Ouick connect terminals G.3 x 0.8 mm  13 Standard version Screw-on/Rivet Front-/Rear-Side Ouick connect terminals G.3 x 0.8 mm  14 Standard version Screw-on/Rivet Front-/Rear-Side Ouick connect terminals G.3 x 0.8 mm  15 Standard version Screw-on/Rivet Front-/Rear-Side Ouick connect terminals G.3 x 0.8 mm  16 Standard version Screw with plastic flange Front Side Ouick connect terminals G.3 x 0.8 mm  17 Standard version Screw with plastic flange Front Side Ouick connect terminals G.3 x 0.8 mm  18 Standard version Screw with plastic flange Front Side Ouick connect terminals G.3 x 0.8 mm  19 Standard version Screw with plastic flange Front Side Ouick connect terminals G.3 x 0.8 mm	5120.5071.0
PCB   pin 6.3 x 0.8	5120.5073.0
FÖB	5120.5074.0
PCB  Standard version  Screw-on/Rivet  Front-/Rear-Side  Quick connect terminals 6.3 x 0.8 mm  Screw-on/Rivet  Front-/Rear-Side  Quick connect terminals 6.3 x 0.8 mm  Quick connect terminals 6.3 x 0.8 mm  Culck connect terminals 6.3 x 0.8 mm  Screw-on/Rivet  Front-/Rear-Side  Quick connect terminals 6.3 x 0.8 mm  Quick connect terminals 6.3 x 0.8 mm  Screw-on/Rivet  Front-/Rear-Side  Quick connect terminals 6.3 x 0.8 mm  Quick connect terminals 6.3 x 0.8 mm  Screw-on/Rivet  Front-/Rear-Side  Quick connect terminals 6.3 x 0.8 mm  Quick connect terminals 6.3 x 0.8 mm  Culck connect terminals 6.3 x 0.8 mm  Culck connect terminals 6.3 x 0.8 mm  Quick connect terminals 6.3 x 0.8 mm  Culck connect terminals 6.3 x 0.8 mm  Culck connect terminals 6.3 x 0.8 mm  Screw-on/Rivet  Front-/Rear-Side  Quick connect terminals 6.3 x 0.8 mm  Culck connect terminals 6.3 x 0.8 mm  Screw-on/Rivet  Front-/Rear-Side  Quick connect terminals 6.3 x 0.8 mm  Screw-on/Rivet  Front-/Rear-Side  Quick connect terminals 6.3 x 0.8 mm  Screw with plastic flange  Front Side  Quick connect terminals 6.3 x 0.8 mm  Culck connect terminals 6.3 x 0.8 mm  Culck connect terminals 6.3 x 0.8 mm  Screw with plastic flange  Front Side  Quick connect terminals 6.3 x 0.8 mm  AwG16  Standard version  Screw with plastic flange  Front Side  Quick connect terminals 6.3 x 0.8 mm  Culck connect terminals 6.3 x 0.8 mm  Culck connect terminals 6.3 x 0.8 mm  AwG16  Standard version  Screw with plastic flange  Front Side  Quick connect terminals 6.3 x 0.8 mm  Culck connect terminals 6.3 x 0.8 mm	5120.5076.0
terminals 6.3 x 0.8 mm  1 Standard version Screw-on/Rivet Front-/Rear-Side Solder terminals I  2 Standard version Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  4 Standard version Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  6 Standard version Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  10 Standard version Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  15 Standard version Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  15 Standard version Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  15 Standard version Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  16 Standard version Screw with plastic flange Front Side Quick connect I eminals 6.3 x 0.8 mm  2 Standard version Screw with plastic flange Front Side Quick connect I eminals 6.3 x 0.8 mm  4 Standard version Screw with plastic flange Front Side Quick connect I eminals 6.3 x 0.8 mm  5 Screw with plastic flange Front Side Quick connect I eminals 6.3 x 0.8 mm  6 Standard version Screw with plastic flange Front Side Quick connect I eminals 6.3 x 0.8 mm  6 Standard version Screw with plastic flange Front Side Quick connect I eminals 6.3 x 0.8 mm	5120.5077.0
2 Standard version Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  4 Standard version Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  6 Standard version Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  10 Standard version Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  15 Standard version Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  15 Standard version Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  16 Standard version Screw-on/Rivet Front-/Rear-Side Flexible wire AWG16  17 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  2 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  4 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  5 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  6 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  6 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  6 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm	5120.0000.0
terminals 6.3 x 0.8 mm  Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  Screw-on/Rivet Front-/Rear-Side Flexible wire AWG16  Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm	5120.0010.0
terminals 6.3 x 0.8 mm  Standard version	5120.0001.0
terminals 6.3 x 0.8 mm  10 Standard version Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  15 Standard version Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  15 Standard version Screw-on/Rivet Front-/Rear-Side Flexible wire AWG16  1 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  2 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  4 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  5 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  6 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  6 Standard version Screw with plastic flange Front Side Quick connect 1	5120.0003.0
terminals 6.3 x 0.8 mm  15 Standard version Screw-on/Rivet Front-/Rear-Side Quick connect terminals 6.3 x 0.8 mm  15 Standard version Screw-on/Rivet Front-/Rear-Side Flexible wire AWG16  1 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  2 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  4 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  5 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  6 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm	5120.0004.0
terminals 6.3 x 0.8 mm  15 Standard version Screw-on/Rivet Front-/Rear-Side Flexible wire AWG16  1 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  2 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  4 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  6 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm	5120.0006.0
AWG16  1 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  2 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  4 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  6 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  6 Standard version Screw with plastic flange Front Side Quick connect I •	5120.0007.0
terminals 6.3 x 0.8 mm  2 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  4 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  6 Standard version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm	5120.0057.0
terminals 6.3 x 0.8 mm  4 Standard version Screw with plastic flange Front Side Quick connect I terminals 6.3 x 0.8 mm  6 Standard version Screw with plastic flange Front Side Quick connect I •	3-101-140
terminals 6.3 x 0.8 mm  6 Standard version Screw with plastic flange Front Side Quick connect I	3-101-141
	3-101-142
0.8 mm	3-101-143
10 Standard version Screw with plastic flange Front Side Quick connect I ● terminals 6.3 x 0.8 mm	3-100-776
15 Standard version Screw with plastic flange Front Side Quick connect I ● terminals 6.3 x 0.8 mm	3-101-144
1 Standard version Screw Rear Side Quick connect I ● terminals 6.3 x 0.8 mm	5120.1000.0
2 Standard version Screw Rear Side Quick connect I ● terminals 6.3 x 0.8 mm	5120.1001.0
4 Standard version Screw Rear Side Quick connect I ● terminals 6.3 x 0.8 mm	5120.1003.0

Rated Cur-	Filter-Type	Mounting	Mounting side	Terminal	Protection Class	V-Lock	Order Number
rent [A]	гиет-туре	Mounting	Mounting side	ieminai	Protection Class	V-LUCK	Order Number
6	Standard version	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.1004.0
10	Standard version	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.1006.0
10	Standard version	Screw	Rear Side	Flexible wire and Earth pin 6.3 x 0.8	1	•	5120.1046.0
15	Standard version	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.1007.0
2	Standard Version with Bleed Resistor	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	1	•	5120.2201.0
4	Standard Version with Bleed Resistor	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.2203.0
6	Standard Version with Bleed Resistor	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	1	•	5120.2204.0
10	Standard Version with Bleed Resistor	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.2206.0
15	Standard Version with Bleed Resistor	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	1	•	5120.2207.0
10	Standard Version with Bleed Resistor	Screw-on/Rivet	Front-/Rear-Side	Solder terminals	I	•	5120.0216.0
1	Medical Version (M5)	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	1	•	5120.2300.0
2	Medical Version (M5)	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.2301.0
4	Medical Version (M5)	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	1	•	5120.2303.0
6	Medical Version (M5)	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.2304.0
10	Medical Version (M5)	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	1	•	5120.2306.0
15	Medical Version (M5)	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	1	•	5120.2307.0
4	Medical Version (M5)	Screw/Soldering on PCB	Rear Side	PCB pin and earth pin 6.3 x 0.8	1	•	5120.4373.0
6	Medical Version (M5)	Screw/Soldering on PCB	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	•	5120.4374.0
4	Medical Version (M5)	Screw/Soldering and Snap-in on PCB	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	•	5120.5373.0
6	Medical Version (M5)	Screw/Soldering and Snap-in on PCB	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	•	5120.5374.0
1	Medical Version (M5)	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	l	•	5120.0300.0
2	Medical Version (M5)	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.0301.0
4	Medical Version (M5)	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.0303.0
4	Medical Version (M5)	Screw-on/Rivet	Front-/Rear-Side	Flexible wire and Earth pin 6.3 x 0.8	1	•	5120.0343.0
6	Medical Version (M5)	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.0304.0
10	Medical Version (M5)	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.0306.0
15	Medical Version (M5)	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	1	•	5120.0307.0
1	Medical Version (M5)	Screw with plastic flange	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	3-101-145

Rated Cur-	Filter-Type	Mounting	Mounting side	Terminal	Protection Class	V-Lock	Order Number
rent [A]						- <b></b>	
2	Medical Version (M5)	Screw with plastic flange	Front Side	Quick connect terminals 6.3 x 0.8 mm	1	•	3-101-146
4	Medical Version (M5)	Screw with plastic flange	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	3-100-794
6	Medical Version (M5)	Screw with plastic flange	Front Side	Quick connect terminals 6.3 x 0.8 mm	1	•	3-101-147
10	Medical Version (M5)	Screw with plastic flange	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	3-101-148
15	Medical Version (M5)	Screw with plastic flange	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	3-101-149
1	Medical Version (M5)	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.1300.0
2	Medical Version (M5)	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	1	•	5120.1301.0
4	Medical Version (M5)	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.1303.0
6	Medical Version (M5)	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	1	•	5120.1304.0
10	Medical Version (M5)	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.1306.0
10	Medical Version (M5)	Screw	Rear Side	Flexible wire and Earth pin 6.3 x 0.8	1	•	5120.1346.0
15	Medical Version (M5)	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.1307.0
1	Medical Version (M5)	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	II	•	5120.2300.1
2	Medical Version (M5)	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	II	•	5120.2301.1
4	Medical Version (M5)	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	II	•	5120.2303.1
6	Medical Version (M5)	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	II	•	5120.2304.1
10	Medical Version (M5)	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	II	•	5120.2306.1
15	Medical Version (M5)	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	II	•	5120.2307.1
4	Medical Version (M5)	Screw/Soldering on PCB	Rear Side	PCB pin and earth pin 6.3 x 0.8	II	•	5120.4373.1
6	Medical Version (M5)	Screw/Soldering on PCB	Rear Side	PCB pin and earth pin 6.3 x 0.8	II	•	5120.4374.1
4	Medical Version (M5)	Screw/Soldering and Snap-in on PCB	Rear Side	PCB pin and earth pin 6.3 x 0.8	II	•	5120.5373.1
6	Medical Version (M5)	Screw/Soldering and Snap-in on PCB	Rear Side	PCB pin and earth pin 6.3 x 0.8	II	•	5120.5374.1
10	Medical Version (M5)	Screw/Soldering and Snap-in on PCB	Rear Side	PCB pin and earth pin 6.3 x 0.8	II	•	5120.5376.1
2	Medical Version (M5)	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	II	•	5120.0301.1
4	Medical Version (M5)	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	11	•	5120.0303.1
6	Medical Version (M5)	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	II	•	5120.0304.1
10	Medical Version (M5)	Screw-on/Rivet	Front-/Rear-Side	Solder terminals	II	•	5120.0316.1
1	Medical Version (M5)	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	II	•	5120.1300.1

Rated Cur- rent [A]	Filter-Type	Mounting	Mounting side	Terminal	Protection Class	V-Lock	Order Number
2	Medical Version (M5)	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	II	•	5120.1301.1
2	Medical Version (M5)	Screw	Rear Side	Solder terminals	II	•	5120.1311.1
4	Medical Version (M5)	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	II	•	5120.1303.1
6	Medical Version (M5)	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	II	•	5120.1304.1
10	Medical Version (M5)	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	II	•	5120.1306.1

Availability for all products can be searched real-time: https://www.schurter.com/en/info-center/support-tools/stock-check-distributors

- 15 A version only according UL/CSA
- Type for screw-on mounting from rear side has pre-threaded holes for M3 screws

## Packaging unit

10 Pcs

### **Accessories**

#### Description



Wire\_Harness Wire harness for SCHURTER products



RC320 Rear Cover for Power Entry Module



Cord\_retaining\_kits
Cord retaining strain relief

Flat head, E	4700.0005
Flat head, G	4700.0007

## **Mating Outlets/Connectors**

### Category / Description

### Appliance Outlet Overview complete



4787, Mounting: Screw-on mounting, Appliance Outlet: IEC Solder terminals, 10 A, Suitable for appliances with protection class I	4787
4788, Mounting: Snap-in version, Appliance Outlet: IEC Solder / Quick Connect, 10 A, Suitable for appliances with protection class I	4788
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal	5091

### Connector Overview complete



4782 Mounting: Power Cord, 3 x 1 mm $^2$ / 3 x 18 AWG, Cable, Connector: IEC C13	4782
4785 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4785
4300-06 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
4781 Mounting: Power Cord, Cable, Connector: IEC C15	4781
4784 Mounting: Power Cord, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C15	4784

## Mating Outlets/Connectors shuttered



#### Connector Overview complete

4783 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13 4783
---



### Power Cord Overview complete

VAC13KS, Overview, V-Lock cord retaining, diverse Connector IEC C13, diverse, black	VAC13KS
VAC17KS, V-Lock cord retaining, diverse m, Connector IEC C17, diverse, black / grey / white	VAC17KS