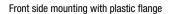
## IEC Appliance Inlet C14 or C18 with Filter, ECO design, Front- or Rear Side Mounting







Snap-in mounting Quick connect terminals 6.3 x 0.8 mm Protection class II



Screw-on mounting with wires (stranded)





70° C

## See below:

## **Approvals and Compliances**

## **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 or wire (stranded)
- PCB Mounting
- 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 equipment according to IEC/UL 60950 Suitable for use in medical equipment according to IEC/UL 60601-1

#### 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

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

# **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 Temperature	-25 °C to 85 °C
Climatic Category	25/085/21 acc. to IEC 60068-1
IP-Protection	from 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: Housing	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 1283, 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>SU</b> °us	UL Approvals	UL	UL File Number: E72928
Cac	CQC Approvals	CQC	CQC Certificate Number: CQC18001194610

#### **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
(I)L	Designed according to	UL 498	Standard for Attachment Plugs and Receptacles
(UL)	Designed according to	UL 1283	Electromagnetic interference filters
CSA Group	Designed according to	CSA C22.2 no. 42	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices
GSA 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>	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.
<u>IEC</u>	Designed for applications acc.	IEC 60601-1	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance

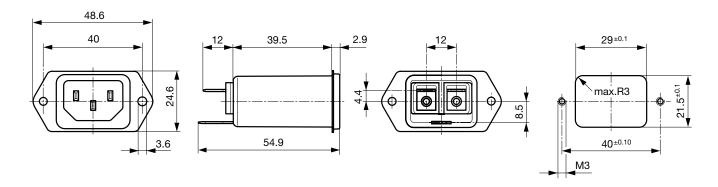
## Compliances

The product complies with following Guide Lines

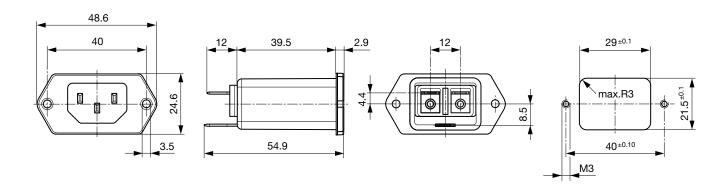
Identification	Details	Initiator	Description
C€	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
ROHS	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
<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

# Dimensions [mm]

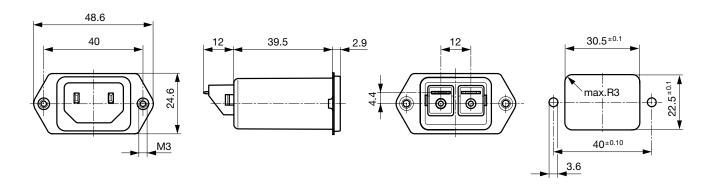
Front or rear side mounting for screws with nuts or blind rivets (panel cutout for frontside mounting)



Front side mounting with plastic flange

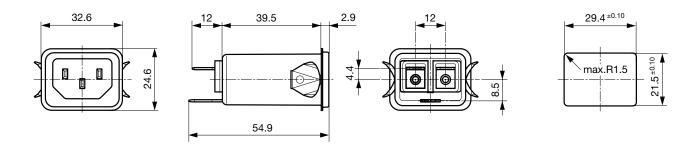


Rear side mounting with pre-formed, threaded holes for M3 screws (panel cutout for rear side mounting)



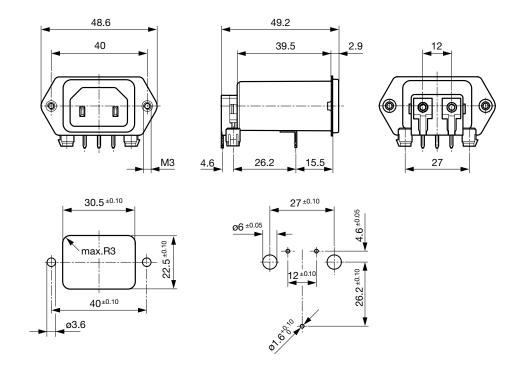
Dimensions for class II version also apply to class  $\mbox{\it I}$ 

# Snap-in mounting from front side

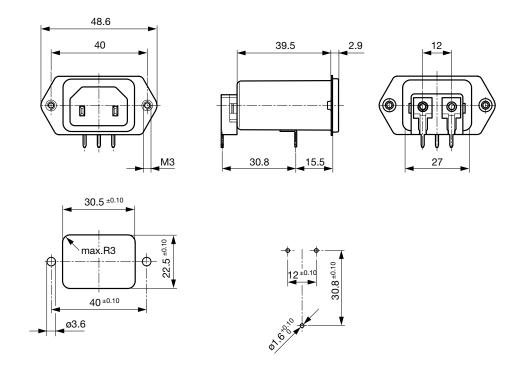


Dimensions for class I version also apply class II

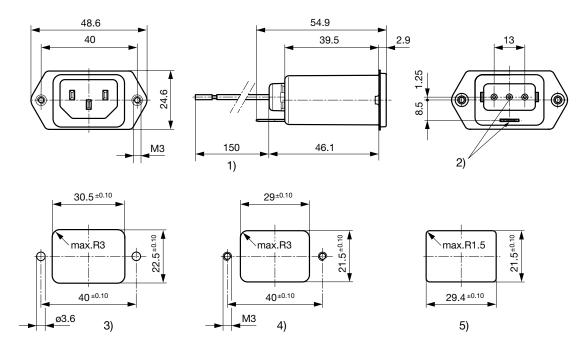
# PCB snap-in rear side mounting, protection class II



# 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

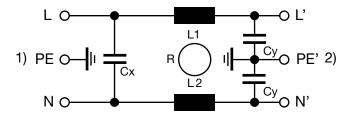
# **Technical Data of Filter-Components**

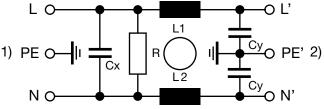
Rated Current [A]	Filter-Type	Inductances L [mH]	Capacitance CX [nF]	Capacitance CY [nF]	<b>R</b> [ <b>M</b> Ω]
1	Standard Version	2 x 12	100	2.2	-
2	Standard Version	2 x 5.2	100	2.2	-
4	Standard Version	2 x 2	100	2.2	-
6	Standard Version	2 x 0.8	100	2.2	-
10	Standard Version	2 x 0.4	100	2.2	-
15	Standard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

# **Diagrams**

Standard version

Bleed resistor version / medical version M80



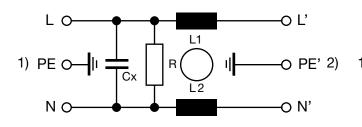


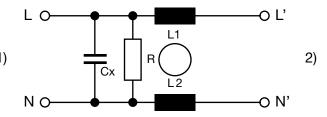
1) Line 2) Load

1) Line 2) Load

Medical version M5

Medical version M5, protection class II





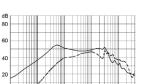
1) Line 2) Load

1) Line 2) Load

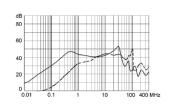
# **Attenuation Loss**

Standard version

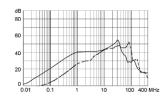
1 A



2 A

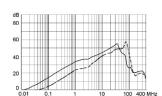


4 A

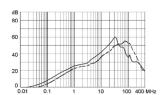


6 A

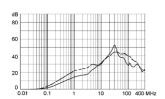
- - - -  $50\Omega$  differential mode \_\_\_\_\_  $50\Omega$  common mode



10 A

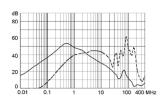


15 A

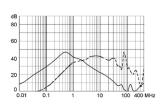


Medical version (M5)

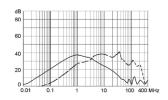
1 A



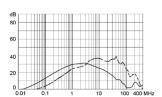
2 A



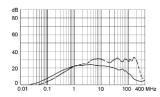
4 A



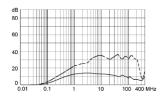
6 A



10 A



15 A



# **All 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

Part									
		Filter-Type	Mounting	Mounting side	Terminal	Protection Class	V-Lock	Order Number	
2   Sandard Version   ScrowPCB Prace   Rear Side   PCB is and certs	15	Standard Version	Snap-in	Front Side	terminals 6.3 x	1	•	5120.2007.0	
2   Standard Version   ScrewPCB strap-in   Rear Side   PCB into and certs   1	1	Standard Version	Screw/PCB snap-in	Rear Side		I	•	5120.5070.0	
4   Sameterd Version   ScrewPCB snap-in   Pear Side   PCB on and earth	2	Standard Version	Screw/PCB snap-in	Rear Side		1	•	5120.5071.0	
10   Standard Versian   Screw/PCB snap-in   Pear Side   PCB pin and earth pin 6.3 v. 0.8	4	Standard Version	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	•	5120.5073.0	
15   Slandard Version   Scrow-PCB snap-in   Reor Side   PCB prin and earth   1   • 5120,0977.0	6	Standard Version	Screw/PCB snap-in	Rear Side		I	•	5120.5074.0	
1   Standard Version   Screw-PCB   Rear Side   PCB prin and earth pin 6 x x 0.8	10	Standard Version	Screw/PCB snap-in	Rear Side		I	•	5120.5076.0	
2   Standard Wersion   Screw/PCB   Rear Side   PCB pins and earth pin 6.3 x 0.3	15	Standard Version	Screw/PCB snap-in	Rear Side		1	•	5120.5077.0	
A   Slandard Version   SzrawPCB   Rear Side   POB pin and earth pin 6.3 v. 0.8	1	Standard Version	Screw/PCB	Rear Side		I	•	5120.4070.0	
Standard Version   Screw/PCB   Rear Side   PCB in and earth pin 6.3 x 0.8	2	Standard Version	Screw/PCB	Rear Side		I	•	5120.4071.0	
10   Standard Version   ScrewPOB   Rear Side   POB pin and earth pin 6.3 x 0.8   1   5120.4076.0	4	Standard Version	Screw/PCB	Rear Side		I	•	5120.4073.0	
15   Standard Version   ScrewPCB   Rear Side   POB pin and earth pin 6.3 x 0.3	6	Standard Version	Screw/PCB	Rear Side		I	•	5120.4074.0	
1   Standard Version   Screw-on/Rivet   Front-Rear-Side   Quick connect terminals 6.3 x   0.8     1   Standard Version   Screw-on/Rivet   Front-Rear-Side   Solder terminals 6.3 x   0.8     2   Standard Version   Screw-on/Rivet   Front-Rear-Side   Quick connect terminals 6.3 x   0.8     4   Standard Version   Screw-on/Rivet   Front-Rear-Side   Quick connect terminals 6.3 x   0.8     5   Standard Version   Screw-on/Rivet   Front-Rear-Side   Quick connect terminals 6.3 x   0.8     6   Standard Version   Screw-on/Rivet   Front-Rear-Side   Quick connect terminals 6.3 x   0.8     10   Standard Version   Screw-on/Rivet   Front-Rear-Side   Quick connect terminals 6.3 x   0.8     10   Standard Version   Screw-on/Rivet   Front-Rear-Side   Quick connect terminals 6.3 x   0.8     10   Standard Version   Screw-on/Rivet   Front-Rear-Side   Quick connect terminals 6.3 x   0.8     15   Standard Version   Screw-on/Rivet   Front-Rear-Side   Quick connect terminals 6.3 x   0.8     15   Standard Version   Screw-on/Rivet   Front-Rear-Side   Quick connect terminals 6.3 x   0.8     15   Standard Version   Screw-on/Rivet   Front-Rear-Side   Plexible wire ARIO   0.8     1	10	Standard Version	Screw/PCB	Rear Side		1	•	5120.4076.0	
Standard Version   Screw-on/Rivet   Front-/Rear-Side   Solder terminals   Solder termin	15	Standard Version	Screw/PCB	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	•	5120.4077.0	
Standard Version   Screw-on/Rivet   Front-/Rear-Side   Quick connect terminals 6.3 x	1	Standard Version	Screw-on/Rivet	Front-/Rear-Side	terminals 6.3 x	I	•	5120.0000.0	
Commons   Comm	1	Standard Version	Screw-on/Rivet	Front-/Rear-Side	Solder terminals	1	•	5120.0010.0	
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   Screw-on/Rivet   Front-/Rear-Side   Quick connect   Standard Version   Screw-on/Rivet   Front-/Rear-Side   Quick connect   Standard Version   Screw-on/Rivet   Front-/Rear-Side   Quick connect   Standard Version   Screw-on/Rivet   Front-/Rear-Side   Flexible wire   I   \$120,0007.0 mm   \$15   Standard Version   Screw-on/Rivet   Front-/Rear-Side   Flexible wire   I   \$120,0007.0 mm   \$15   Standard Version   Screw with plastic flange   Front Side   Flexible wire   I   \$120,0007.0 mm   \$15   Standard Version   Screw with plastic flange   Front Side   Quick connect   I   \$100,0007.0 mm   \$100,0007.	2	Standard Version	Screw-on/Rivet	Front-/Rear-Side	terminals 6.3 x	I	•	5120.0001.0	
terminals 6.3 x	4	Standard Version	Screw-on/Rivet	Front-/Rear-Side	terminals 6.3 x	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 with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  16 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  17 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  18 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  19 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  10 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  10 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  10 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  11 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  12 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  13 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  14 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  15 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  16 Standard Version Screw With plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  17 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  18 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  19 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm	6	Standard Version	Screw-on/Rivet	Front-/Rear-Side	terminals 6.3 x	1	•	5120.0004.0	
15   Standard Version   Screw-on/Rivet   Front-/Rear-Side   Flexible wire AWG16   I   5120.0057.0     1	10	Standard Version	Screw-on/Rivet	Front-/Rear-Side	terminals 6.3 x	I	•	5120.0006.0	
AWG16  1 Standard Version Screw with plastic flange Front Side Quick connect terminats 6.3 x 0.8 mm  2 Standard Version Screw with plastic flange Front Side Quick connect terminats 6.3 x 0.8 mm  4 Standard Version Screw with plastic flange Front Side Quick connect terminats 6.3 x 0.8 mm  6 Standard Version Screw with plastic flange Front Side Quick connect terminats 6.3 x 0.8 mm  10 Standard Version Screw with plastic flange Front Side Quick connect terminats 6.3 x 0.8 mm  10 Standard Version Screw with plastic flange Front Side Quick connect terminats 6.3 x 0.8 mm  11 Standard Version Screw with plastic flange Front Side Quick connect terminats 6.3 x 0.8 mm  12 Standard Version Screw with plastic flange Front Side Quick connect terminats 6.3 x 0.8 mm  13 Standard Version Screw with plastic flange Front Side Quick connect terminats 6.3 x 0.8 mm  14 Standard Version Screw Rear Side Quick connect terminats 6.3 x 0.8 mm  25 Standard Version Screw Rear Side Quick connect terminats 6.3 x 0.8 mm  26 Standard Version Screw Rear Side Quick connect terminats 6.3 x 0.8 mm  27 Standard Version Screw Rear Side Quick connect terminats 6.3 x 0.8 mm  28 Standard Version Screw Rear Side Quick connect terminats 6.3 x 0.8 mm	15	Standard Version	Screw-on/Rivet	Front-/Rear-Side	terminals 6.3 x	1	•	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  10 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  11 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  12 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  13 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  14 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  25 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  26 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  27 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  28 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  29 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm	15	Standard Version	Screw-on/Rivet	Front-/Rear-Side	Flexible wire AWG16	1	•	5120.0057.0	
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  10 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  15 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  1 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  1 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  2 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  4 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  4 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  4 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm	1	Standard Version	Screw with plastic flange	Front Side	terminals 6.3 x	1	•	3-101-140	
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  10 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  15 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  1 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  1 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  2 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  4 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  4 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  5 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm	2	Standard Version	Screw with plastic flange	Front Side	terminals 6.3 x	I	•	3-101-141	
terminals 6.3 x 0.8 mm  10 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  15 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  1 Standard Version Screw With plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  1 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  2 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  4 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  4 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  5 120.1001.0	4	Standard Version	Screw with plastic flange	Front Side	terminals 6.3 x	I	•	3-101-142	
terminals 6.3 x 0.8 mm  15 Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  1 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  2 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  4 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  4 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm	6	Standard Version	Screw with plastic flange	Front Side	terminals 6.3 x	I	•	3-101-143	
terminals 6.3 x 0.8 mm  1 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  2 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  4 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  4 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm	10	Standard Version	Screw with plastic flange	Front Side	terminals 6.3 x	I	•	3-100-776	
terminals 6.3 x 0.8 mm  2 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  4 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  4 Standard Version Screw Rear Side Quick connect terminals 6.3 x	15		Screw with plastic flange		terminals 6.3 x	I	•	3-101-144	
terminals 6.3 x 0.8 mm  4 Standard Version Screw Rear Side Quick connect I ● 5120.1003.0 terminals 6.3 x	1	Standard Version	Screw	Rear Side	terminals 6.3 x	I	•	5120.1000.0	
terminals 6.3 x	2	Standard Version	Screw	Rear Side	terminals 6.3 x	I	•	5120.1001.0	
	4	Standard Version	Screw	Rear Side	terminals 6.3 x	I	•	5120.1003.0	

Rated Cur- rent [A]	Filter-Type	Mounting	Mounting side	Terminal	Protection Class	V-Lock	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	
1	Medical Version (M5)	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	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	1	•	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	I	•	5120.2307.0	
4	Medical Version (M5)	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	1	•	5120.5373.0	
6	Medical Version (M5)	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	•	5120.5374.0	
4	Medical Version (M5)	Screw/PCB	Rear Side	PCB pin and earth pin 6.3 x 0.8	1	•	5120.4373.0	
6	Medical Version (M5)	Screw/PCB	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	•	5120.4374.0	
1	Medical Version (M5)	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	1	•	5120.0300.0	
2	Medical Version (M5)	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	1	•	5120.0301.0	
4	Medical Version (M5)	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	1	•	5120.0303.0	
4	Medical Version (M5)	Screw-on/Rivet	Front-/Rear-Side	Flexible wire and Earth pin 6.3 x 0.8	I	•	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	1	•	5120.0306.0	
15	Medical Version (M5)	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.0307.0	
1	Medical Version (M5)	Screw with plastic flange	Front Side	Quick connect terminals 6.3 x 0.8 mm	1	•	3-101-145	
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	1	•	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	

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	I	•	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	I	•	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	I	•	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/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	II	•	5120.5373.1
6	Medical Version (M5)	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	II	•	5120.5374.1
10	Medical Version (M5)	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	II	•	5120.5376.1
4	Medical Version (M5)	Screw/PCB	Rear Side	PCB pin and earth pin 6.3 x 0.8	II	•	5120.4373.1
6	Medical Version (M5)	Screw/PCB	Rear Side	PCB pin and earth	II	•	5120.4374.1
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	II	•	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
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
2	Bleed Resistor Version	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.2201.0
4	Bleed Resistor Version	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.2203.0

Rated Cur- rent [A]	Filter-Type	Mounting	Mounting side	Terminal	Protection Class	V-Lock	Order Number
6	Bleed Resistor Version	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.2204.0
10	Bleed Resistor Version	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.2206.0
15	Bleed Resistor Version	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.2207.0
10	Bleed Resistor Version	Screw-on/Rivet	Front-/Rear-Side	Solder terminals	1	•	5120.0216.0

Most Popular.

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

- 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



Assorted Covers Rear Cover

0859.0048



Cord retaining kits Cord retaining strain relief

Flat head, E 4700.0005 4700.0007 Flat head, G

# **Mating Outlets/Connectors**

# Category / Description

# Appliance Outlet Overview complete

 $4787, Mounting: Screw-on mounting, Appliance \ Outlet: \ IEC\ Solder\ terminals, 10\ A, Suitable\ for\ appliances\ with\ promotion of the pr$  $4788, Mounting: Snap-in \ version, Appliance \ Outlet: \ IEC\ Solder\ terminals\ or\ quick\ connect\ terminals, 10\ A,\ Suitable\ for\ properties of the p$ 4788 IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal 5091

Appliance Outlet further types to 5120

#### Connector Overview complete



4782 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4782
4785 Mounting: Power Cord, 3 x 1 mm $^2$ / 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, 3 x 1 mm <sup>2</sup> / 3 x 18 AWG, 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
Connector further types to 5120	

# **Mating Outlets/Connectors shuttered**



#### 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
Power Cord further types to 5120	