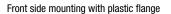
### IEC Appliance Inlet C14 or C18 with Filter, ECO design, Front- or Rear Side Mounting







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



Screw-on mounting with wires (stranded)





# 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**

- Various variants
- 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
- Variant with notch for V-Lock mating Cordsets

### References

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

#### Weblinks

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

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** 1 - 10 A @ Ta 40 °C / 250 VAC; 50 Hz Ratings IEC 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 from front side IP 40 acc. to IEC 60529 IP-Protection 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

# **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
<b>1</b> 0	VDE Approvals	VDE	Certificate Number: 40016382
c <b>FL</b> °us	UL Approvals	UL	UL File Number: E72928
Cec	CQC Approvals	CQC	CQC File Number:

#### **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
(UL)	Designed according to	UL 498	Standard for Attachment Plugs and Receptacles
UL)	Designed according to	UL 1283	Electromagnetic interference filters
GR Group	Designed according to	CSA C22.2 no. 42	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices
GR 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

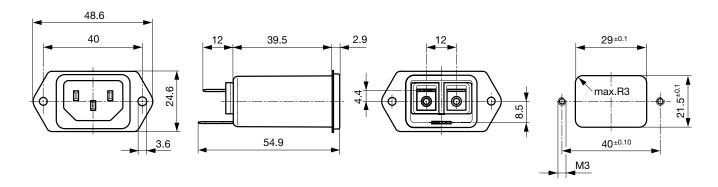
# Compliances

The product complies with following Guide Lines

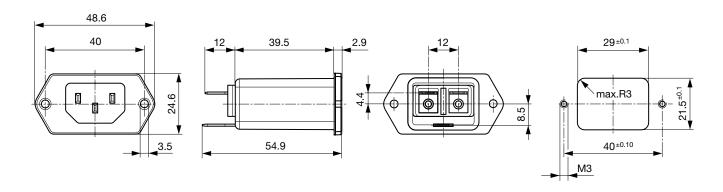
Identification	Details	Initiator	Description
C€	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
ROHS	RoHS	SCHURTER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

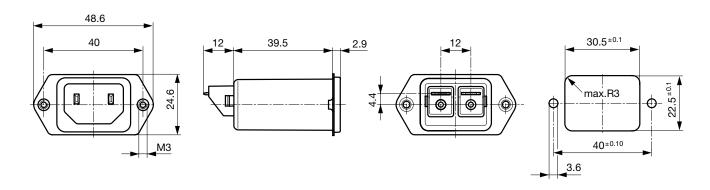
Front or rear side mounting for screws with nuts or blind rivets (panel cutout for frontside mounting)



Front side mounting with plastic flange

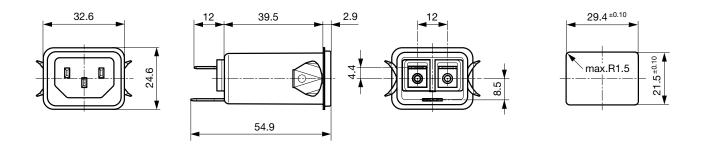


Rear side mounting with pre-formed, threaded holes for M3 screws (panel cutout for rear side mounting)



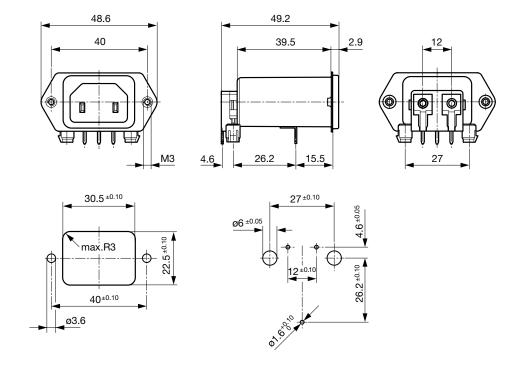
Dimensions for class II version also apply to class  $\mbox{\it I}$ 

# Snap-in mounting from front side

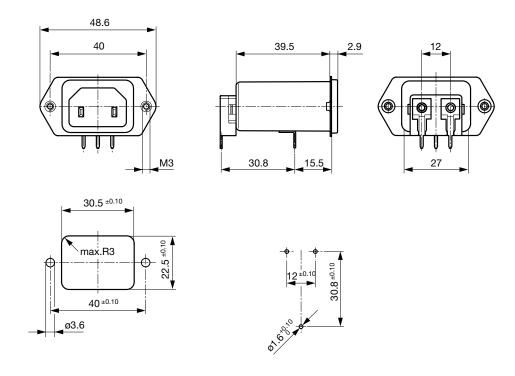


Dimensions for class I version also apply class II

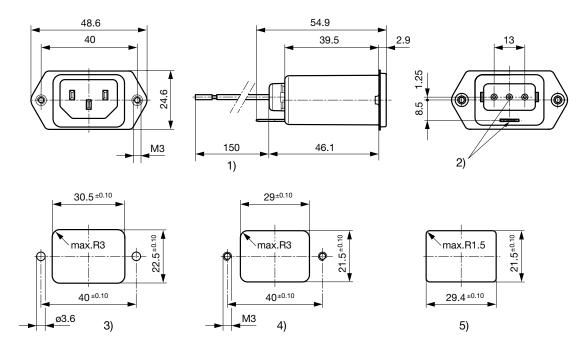
# PCB snap-in rear side mounting, protection class II



# 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

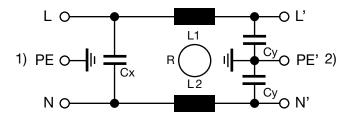
# **Technical Data of Filter-Components**

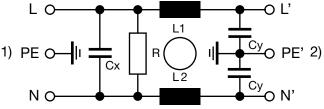
Rated Current [A]	Filter-Type	Inductances L [mH]	Capacitance CX [nF]	Capacitance CY [nF]	<b>R</b> [ <b>M</b> Ω]
1	Standard Version	2 x 12	100	2.2	-
2	Standard Version	2 x 5.2	100	2.2	-
4	Standard Version	2 x 2	100	2.2	-
6	Standard Version	2 x 0.8	100	2.2	-
10	Standard Version	2 x 0.4	100	2.2	-
15	Standard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



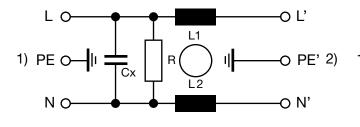


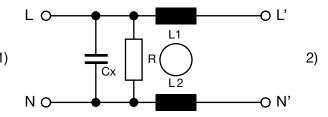
1) Line 2) Load

1) Line 2) Load

Medical version M5

Medical version M5, prot. class II





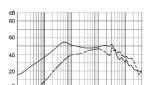
1) Line 2) Load

1) Line 2) Load

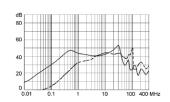
# **Attenuation Loss**

Standard version

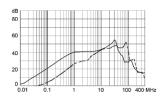
1 A



2 A

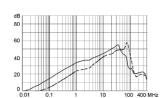


4 A

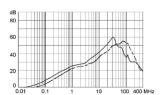


6 A

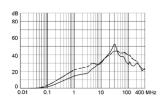
- - - -  $50\Omega$  differential mode \_\_\_\_\_  $50\Omega$  common mode



10 A

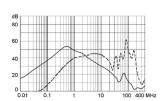


15 A

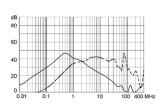


Medical version (M5)

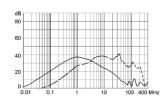
1 A



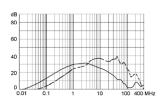
2 A



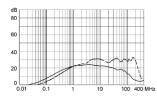
4 A



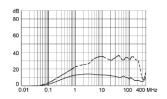
6 A



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

		Filter-Type	Mounting	Mounting side	Terminal	Protection Class	V-Lock	Order Number
1   Standard Version   ScreenPCB stape-in   Rear Side   PCB pin and centh   1   5120.5070.8	15	Standard Version	Snap-in	Front Side	terminals 6.3 x	I		5120.2007.0
2   Standard Version   Scrow/PCB snap-in   Pear Side   pick pin and earth   1   5128.5978.0	1	Standard Version	Screw/PCB snap-in	Rear Side	PCB pin and earth	I	•	5120.5070.0
4   Sanderd Version   Screw/PCB snap-in   Rear Side   POB pile and earth   1   \$120,5073.0   1   \$120,5074.0   10   Sanderd Version   Screw/PCB snap-in   Rear Side   POB pile and earth   1   \$120,5074.0   10   Sanderd Version   Screw/PCB snap-in   Rear Side   POB pile and earth   1   \$120,5077.0   15   Sanderd Version   Screw/PCB snap-in   Rear Side   POB pile and earth   1   \$120,5077.0   15   Sanderd Version   Screw/PCB snap-in   Rear Side   POB pile and earth   1   \$120,5077.0   15   Sanderd Version   Screw/PCB   Rear Side   POB pile and earth   1   \$120,4070.0   15   Sanderd Version   Screw/PCB   Rear Side   POB pile and earth   1   \$120,4070.0   16   Sanderd Version   Screw/PCB   Rear Side   POB pile and earth   1   \$120,4070.0   16   Sanderd Version   Screw/PCB   Rear Side   POB pile and earth   1   \$120,4070.0   16   Sanderd Version   Screw/PCB   Rear Side   POB pile and earth   1   \$120,4070.0   16   Sanderd Version   Screw/PCB   Rear Side   POB pile and earth   1   \$120,4070.0   16   Sanderd Version   Screw/PCB   Rear Side   POB pile and earth   1   \$120,4070.0   16   Sanderd Version   Screw-on-Pile   Rear Side   POB pile and earth   1   \$120,4070.0   16   Sanderd Version   Screw-on-Pile   Rear Side   POB pile and earth   1   \$120,4070.0   16   Sanderd Version   Screw-on-Pile   Front-Rear-Side   PoB pile and earth   1   \$120,4070.0   16   Sanderd Version   Screw-on-Pile   Front-Rear-Side   Out-of-conset   1   \$120,000.0   16   Sanderd Version   Screw-on-Pile   Front-Rear	2	Standard Version	Screw/PCB snap-in	Rear Side	PCB pin and earth	1		5120.5071.0
6 Standard Version   Screw/PCB seage-in   Rear Side   PCB pin and durth print 3 x 10 Standard Version   Screw/PCB seage-in   Rear Side   PCB pin and durth print 3 x 10 Standard Version   Screw/PCB seage-in   Rear Side   PCB pin and durth print 3 x 10 Standard Version   Screw/PCB seage-in   Rear Side   PCB pin and durth print 3 x 10 Standard Version   Screw/PCB   Rear Side   PCB pin and durth print 3 x 10 Standard Version   Screw/PCB   Rear Side   PCB pin and durth print 3 x 10 Standard Version   Screw/PCB   Rear Side   PCB pin and durth print 3 x 10 Standard Version   Screw/PCB   Rear Side   PCB pin and durth print 3 x 10 Standard Version   Screw/PCB   Rear Side   PCB pin and durth print 3 x 10 Standard Version   Screw/PCB   Rear Side   PCB pin and durth print 3 x 10 Standard Version   Screw/PCB   Rear Side   PCB pin and durth print 3 x 10 Standard Version   Screw/PCB   Rear Side   PCB pin and durth print 3 x 10 Standard Version   Screw/PCB   Rear Side   PCB pin and durth print 3 x 10 Standard Version   Screw-PCB   Rear Side   PCB pin and durth print 3 x 10 Standard Version   Screw-PCB   Rear Side   PCB pin and durth print 3 x 10 Standard Version   Screw-PCB   Rear Side   PCB pin and durth print 3 x 10 Standard Version   Screw-PCB   Rear Side   PCB pin and durth print 3 x 10 Standard Version   Screw-PCB   Rear Side   PCB pin and durth print 3 x 10 Standard Version   Screw-PCB   PCB pin and durth print 3 x 10 Standard Version   Screw-PCB   PCB pin and durth print 3 x 10 Standard Version   Screw-PCB   PCB pin and durth print 3 x 10 Standard Version   Screw-PCB   PCB pin and durth print 3 x 10 Standard Version   Screw-PCB   PCB pin and durth print 3 x 10 Standard Version   Screw-PCB   PCB pin and durth print 3 x 10 Standard Version   Screw-PCB   PCB pin and durth print 3 x 10 Standard Version   Screw-PCB   PCB pin and durth print 3 x 10 Standard Version   Screw-PCB pin and pin a	4	Standard Version	Screw/PCB snap-in	Rear Side	PCB pin and earth	I		5120.5073.0
10   Standard Version   Screw/PCB snap in   Pear Side   PCB in and carring pin G 3 x 0 B   Standard Version   Screw/PCB   Pear Side   PCB in and carring pin G 3 x 0 B   Standard Version   Screw/PCB   Pear Side   PCB in and carring pin G 3 x 0 B   Standard Version   Screw/PCB   Pear Side   PCB in and carring pin G 3 x 0 B   Standard Version   Screw/PCB   Pear Side   PCB in and carring pin G 3 x 0 B   Standard Version   Screw/PCB   Pear Side   PCB in and carring pin G 3 x 0 B   Standard Version   Screw/PCB   Pear Side   PCB in and carring pin G 3 x 0 B   Standard Version   Screw/PCB   Pear Side   PCB in and carring pin G 3 x 0 B   Standard Version   Screw/PCB   Pear Side   PCB pin and carring pin G 3 x 0 B   Standard Version   Screw/PCB   Pear Side   PCB pin and carring pin G 3 x 0 B   Standard Version   Screw/PCB   Pear Side   PCB pin and carring pin G 3 x 0 B   Standard Version   Screw/PCB   Pear Side   PCB pin and carring pin G 3 x 0 B   Standard Version   Screw-PCB   Pear Side   PCB pin and carring pin G 3 x 0 B   Standard Version   Screw-PCB   Pear Side   PCB pin and carring pin G 3 x 0 B   Standard Version   Screw-ornPret   Front-Rese-Side   Guick connect   terminals G 3 x 0 B   Standard Version   Screw-ornPret   Front-Rese-Side   Guick connect   terminals G 3 x 0 B   Standard Version   Screw-ornPret   Front-Rese-Side   Guick connect   terminals G 3 x 0 B   Standard Version   Screw-ornPret   Front-Rese-Side   Guick connect   terminals G 3 x 0 B   Standard Version   Screw-ornPret   Front-Rese-Side   Guick connect   terminals G 3 x 0 B   Standard Version   Screw-ornPret   Front-Rese-Side   Guick connect   terminals G 3 x 0 B   Standard Version   Screw-ornPret   Front-Rese-Side   Guick connect   terminals G 3 x 0 B   Standard Version   Screw-ornPret   Front-Rese-Side   Guick connect   terminals G 3 x 0 B   Standard Version   Screw-ornPret   Front-Rese-Side   Guick connect   terminals G 3 x 0 B   Standard Version   Screw-ortPret   Front-Rese-Side   Guick connect   terminals G 3 x 0 B   Standard Version   Scre	6	Standard Version	Screw/PCB snap-in	Rear Side	PCB pin and earth	1		5120.5074.0
Standurd Version   ScrewPCB   Rear Side   PCB in and earth	10	Standard Version	Screw/PCB snap-in	Rear Side	PCB pin and earth	I		5120.5076.0
2   Standard Version   Screw-PCB   Rear Side   PCB in an earth   1   \$120.4071.0	15	Standard Version	Screw/PCB snap-in	Rear Side		1		5120.5077.0
1	1	Standard Version	Screw/PCB	Rear Side		I		5120.4070.0
Standard Version	2	Standard Version	Screw/PCB	Rear Side	PCB pin and earth	1		5120.4071.0
10   Standard Version   ScrewPCB   Rear Side   PCB pin and acrim pin 6.3 x 0.8   1   5120.4077.0	4	Standard Version	Screw/PCB	Rear Side		I		5120.4073.0
15   Standard Version   Screw-PCB   Rear Side   PCB is a not earth   Ppi 6.3 x 0.8   1   \$120,4077.0	6	Standard Version	Screw/PCB	Rear Side		1		5120.4074.0
1   Standard Version   Screw-on/Rivet   Front-/Rear-Side   Context   Conte	10	Standard Version	Screw/PCB	Rear Side		I		5120.4076.0
Standard Version   Screw-on/Rivet   Front-/Rear-Side   Solder terminals 6.3 x 0.8 mm   S120.0010.0	15	Standard Version	Screw/PCB	Rear Side	PCB pin and earth pin 6.3 x 0.8	1		5120.4077.0
Standard Version   Screw-on/Rivet   Front-/Rear-Side   Quick connect terminals 6.3 x 0.8 mm	1	Standard Version	Screw-on/Rivet	Front-/Rear-Side	terminals 6.3 x	I		5120.0000.0
Standard Version   Screw-on/Rivet   Front-/Rear-Side   Quick connect terminals 6.3 x   0.8 mm   5120.0003.0 terminals 6.3 x   0.8 mm   5120.0003.0 terminals 6.3 x   0.8 mm   5120.0004.0 terminals 6.3 x   0.8 mm   5120.0006.0 terminals 6.3 x   0.8 mm   5120.0007.0 terminals 6.3 x   0.8 mm   0.8	1	Standard Version	Screw-on/Rivet	Front-/Rear-Side	Solder terminals	I		5120.0010.0
Standard Version   Screw-on/Rivet   Front-/Rear-Side   Quick connect terminals 6.3 x 0.8 mm   Standard Version   Screw-on/Rivet   Front-/Rear-Side   Quick connect terminals 6.3 x 0.8 mm   Standard Version   Screw-on/Rivet   Front-/Rear-Side terminals 6.3 x 0.8 mm   Standard Version   Screw-on/Rivet   Front-/Rear-Side   Quick connect terminals 6.3 x 0.8 mm   Standard Version   Screw-on/Rivet   Front-/Rear-Side   Quick connect terminals 6.3 x 0.8 mm   Standard Version   Screw-on/Rivet   Front-/Rear-Side   Flexible wire AWG16   I S120.0007.0	2	Standard Version	Screw-on/Rivet	Front-/Rear-Side	terminals 6.3 x	1		5120.0001.0
10	4	Standard Version	Screw-on/Rivet	Front-/Rear-Side	terminals 6.3 x	I		5120.0003.0
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 Flexible wire I 5120.0007.0 mm  Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  Carew 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  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 Rear Side Quick connect terminals 6.3 x 0.8 mm  Screw Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  Screw Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  Screw 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	I		5120.0004.0
15	10	Standard Version	Screw-on/Rivet	Front-/Rear-Side	terminals 6.3 x	I		5120.0006.0
Standard Version   Screw with plastic flange   Front Side   Quick connect terminals 6.3 x	15	Standard Version	Screw-on/Rivet	Front-/Rear-Side	terminals 6.3 x	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  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  15 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  16 Standard Version Screw Rear 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	15	Standard Version	Screw-on/Rivet	Front-/Rear-Side	Flexible wire AWG16	1		5120.0057.0
terminals 6.3 x 0.8 mm  Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  Standard Version Screw with plastic flange Front Side Quick connect terminals 6.3 x 0.8 mm  Standard Version Screw Rear Side Quick connect I 5120.1000.0 terminals 6.3 x 0.8 mm  Standard Version Screw Rear Side Quick connect I 5120.1001.0 terminals 6.3 x 0.8 mm  Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  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	I	•	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	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 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  5 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm  6 Quick connect terminals 6.3 x 0.8 mm  7 Standard Version Screw Rear Side Quick connect terminals 6.3 x 0.8 mm	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					terminals 6.3 x 0.8 mm	1		
	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
i our [rd]							
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	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.1006.0.21
10	Standard Version	Screw	Rear Side	Flexible wire and Earth pin 6.3 x 0.8	I		5120.1046.0
15	Standard Version	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	I		5120.1007.0
15	Standard Version	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.1007.0.21
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	I		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	I		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	I		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	I		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	I		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	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	I		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	I	•	3-101-145
2	Medical Version (M5)	Screw with plastic flange	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	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	I	•	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

Rated Cur- rent [A]	Filter-Type	Mounting	Mounting side	Terminal	Protection Class	V-Lock	Order Number
15	Medical Version (M5)	Screw with plastic flange	Front Side	Quick connect terminals 6.3 x 0.8 mm	1	•	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	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	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.1306.0.21
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 pin 6.3 x 0.8	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
	Medical Version (M5)	Screw	Rear Side	Quick connect	II		5120.1304.1

Rated Cur- rent [A]	Filter-Type	Mounting	Mounting side	Terminal	Protection Class	V-Lock	Order Number
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
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
15	Bleed Resistor Version	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.2207.0.21
10	Bleed Resistor Version	Screw-on/Rivet	Front-/Rear-Side	Solder terminals	I		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

Variants with plastic flange are all V-Lock versions.

Packaging unit 10 Pcs

#### **Accessories**

Description





Assorted Covers Rear Cover

0859.0048



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

IEC Appliance Outlet F, Screw-on Mounting, Front Side, Solder Terminal	4787	
IEC Appliance Outlet F, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal	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 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13	4782
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 $^2$ / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
IEC Connector C15 for hot conditions 120°C, Rewireable, Straight	4781
IEC Connector C15 for hot conditions 120°C, Rewireable, Angled	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
Power cord with IEC connector C17, V-Lock, straight	VAC17KS

Power Cord further types to 5120

# **X-ON Electronics**

Largest Supplier of Electrical and Electronic Components

Click to view similar products for AC Power Entry Modules category:

Click to view products by Schurter manufacturer:

Other Similar products are found below:

0098.0050 6-1609987-9 6167.0002 7-6609955-2 FN389-4-22 FN9233ER-12-06 FN9233S1-10-06 FN9233S1-8-06 FN9233S1B-8-06 FN9233S1R-10-06 FN9233S1R-12-06 FN9233SB-10-06 FN9233SB-10-06 FN9233SR-10-06 FN9233SR-3-06 FN9244B-15-06HI FN9244EB-3-06 FN9244EB-8-06 FN9244ER-15-06 FN9244ER-8-06 FN9244ES1-8-06 FN9244ESB-8-06 FN9244EU-6-06 FN9244R-12-06 FN9244R-3-07 FN9244R-8-06 FN9244S1-10-06 FN9244S1-12-06 FN9244S1B-6-06 FN9244S1B-6-06 FN9244S1B-3-06 FN92