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







Snap-in mounting from front side

C14	C18
70° C	70° C

Front side mounting with plastic flange



Snap-in 2 - 3 mm

with wires (stranded)

**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/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 - 10A @ 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- rature	-25 °C to 85 °C
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: 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, 10A, 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>AL</b> us	UL Approvals	UL	UL File Number: E72928
	CQC Approvals	CQC	CQC Certificate Number: CQC18001194610

#### **Product standards**

Product standards that are referenced

Organization	Design	Standard	Description
IEC	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
IEC	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
GE Group	Designed according to	CSA C22.2 no. 42	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices
CSA Broup	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
IEC	Designed for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
IEC	Designed for applications acc.	IEC 60601-1	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance

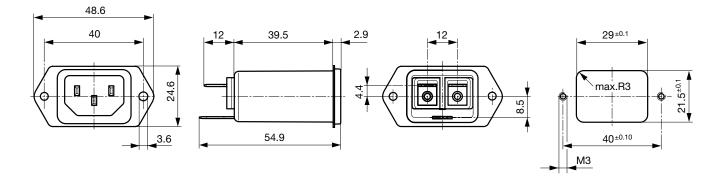
#### Compliances

The product complies with following Guide Lines

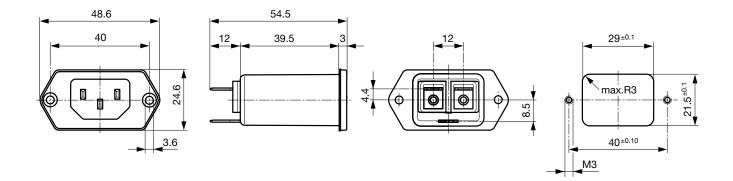
Identification	Details	Initiator	Description
CE	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
UK CA	UKCA declaration 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.
Rolls	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.
Ť	Medical Equipment	SCHURTER AG	Suitable for use in medical equipment according to IEC/UL 60601-1 (1 MOOP, 1 MOPP)

# Dimension [mm]

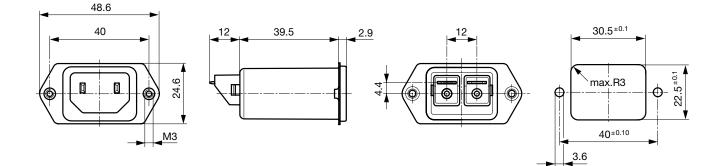
Front or rear side mounting for screws with nuts or blind rivets (panel cutout for frontside mounting)



Front side mounting with plastic flange

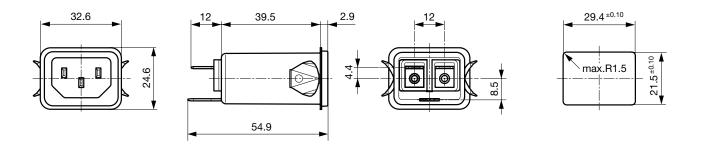


Rear side mounting with pre-formed, threaded holes for M3 screws (panel cutout for rear side mounting)



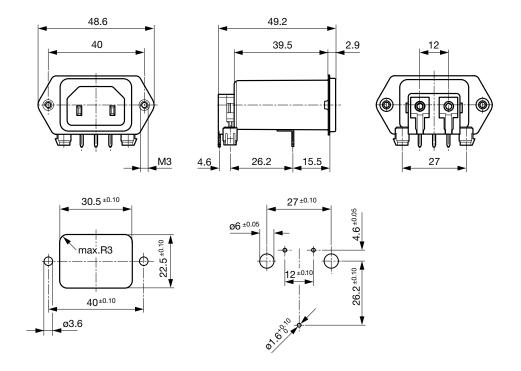
Dimensions for class II version also apply to class I

Snap-in mounting from front side

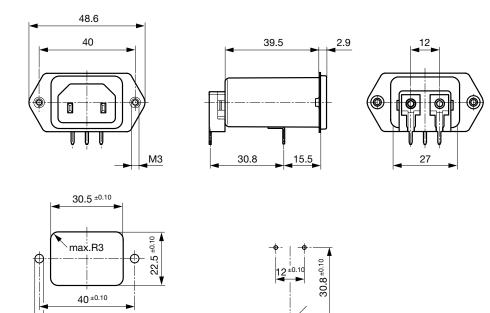


Dimensions for class I version also apply class II

PCB snap-in rear side mounting, protection class II



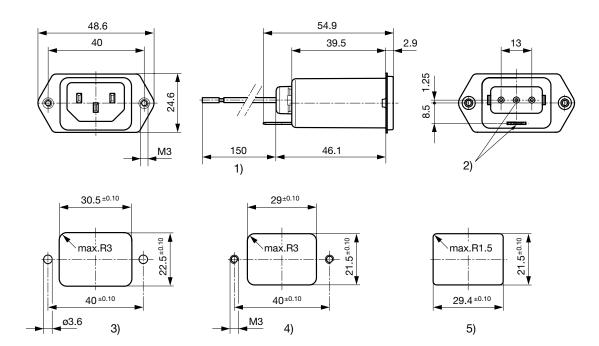
#### PCB rear side mounting, protection class II



**x**0:

Screw and snap-in mounting with flexible wire

ø3.6



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

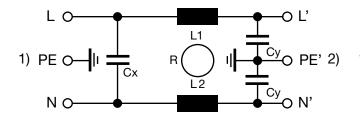
# **Technical Data of Filter-Components**

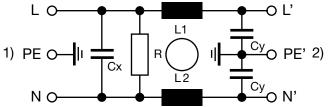
Rated Current [A]	Filter-Type	Inductances L [mH]	Capacitance CX [nF]	Capacitance CY [nF]	<b>R [Μ</b> Ω]
1	Standard version	2 x 12	100	2.2	-
2	Standard version	2 x 5.2	100	2.2	-
4	Standard version	2 x 2	100	2.2	-
6	Standard version	2 x 0.8	100	2.2	-
10	Standard version	2 x 0.4	100	2.2	-
15	Standard version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

Standard version / Medical version M80



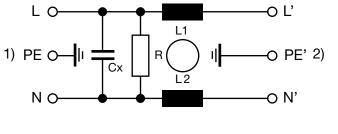


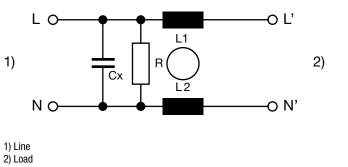
1) Line 2) Load

Medical Version (M5)



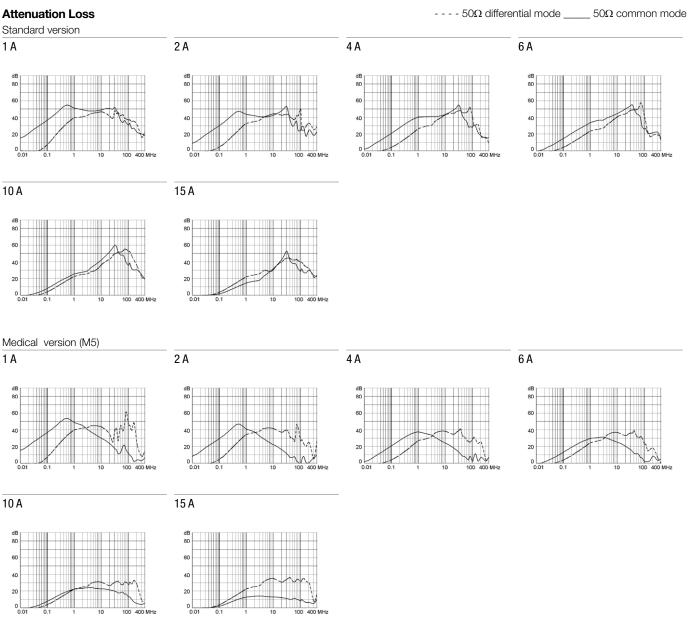
# Medicalversion (M5), Protection Class II











### 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

Black Low and Low 								
Latingtic based of the section of the		Filter-Type	Mounting	Mounting side	Terminal	Protection Class	V-Lock	Order Number
ph 8.3 to dark   ph 8.3 to dark   ph 8.3 to dark   ph 8.3 to dark     2   Standard version   Screw/Soldering on PCB   Rear Side   PCB pin and similar   1   5122.407.0     5   Standard version   Screw/Soldering on PCB   Rear Side   PCB pin and similar   1   5122.407.0     10   Standard version   Screw/Soldering on PCB   Rear Side   PCB pin and similar   1   5122.407.0     11   Standard version   Screw/Soldering on PCB   Rear Side   PCB pin and similar   1   5122.407.0     12   Standard version   Screw/Soldering on PCB   Rear Side   PCB pin and similar   1   5122.407.0     13   Standard version   Screw/Soldering on PCB   Rear Side   PCB pin and similar   1   6   5122.407.0     2   Standard version   Screw/Soldering on PCB   Rear Side   PCB pin and similar   1   6   5122.507.0     2   Standard version   Screw/Soldering on PCB   Rear Side   PCB pin and similar   1   6   5122.507.0     1   Standard ver	15	Standard version	Snap-in	Front Side	terminals 6.3 x	I	٠	5120.2007.0
4   Standard version   Structurd version   PR0 sing and set of PR0 sing and se	1	Standard version	Screw/Soldering on PCB	Rear Side		I	٠	5120.4070.0
6   Standard vention   Strew/Soldering on PCB   Pear Side   PPE is voids   1   5 520.4074.0     10   Standard vention   Screw/Soldering on PCB   Pear Side   PPE is voids   1   5 520.4077.0     11   Standard vention   Screw/Soldering on PCB   Pear Side   PPE is voids   1   5 520.4077.0     12   Standard vention   Screw/Soldering on Screw   Pear Side   PPE is void and the PE is void and the is void and the is void and the pE is void and the PE is void and	2	Standard version	Screw/Soldering on PCB	Rear Side		I	٠	5120.4071.0
No.   Standard version   Stew Wildlefering on PCB   Rear Side   PCB is an and early print 8 x 0.81   I   Standard version     10   Standard version   Screw/Stathering on PCB   Rear Side   PCB is an and early print 8 x 0.81   I   Statubard version     11   Standard version   Screw/Stathering on PCB   Rear Side   PCB is an and early print 8 x 0.81   I   Statubard version     12   Standard version   Screw/Stathering on PCB   Rear Side   PCB is an and early print 8 x 0.81   I   Statubard version     13   Standard version   Screw/Stathering on PCB   Rear Side   PCB is an and early print 8 x 0.81   I   Statubard version   Rear Side   PCB is an and early print 8 x 0.81   I   Statubard version   Statubard version   Statubard version   Statubard version   Rear Side   PCB is an and early print 8 x 0.81   I   Statubard version     10   Statubard version   Statubard version   Statubard version   Statubard version   Statubard version   Statubard v	4	Standard version	Screw/Soldering on PCB	Rear Side		I	•	5120.4073.0
jin Sandari version   Sterek-Stoketing on PCS   Reir Side   PPD gas ad optimistic     1   Standari version   Screw-Stoketing and Sma-n on PB   Reir Side   PPD gas ad earth pin Sa x 0.8   i   5720.4077.0     2   Standard version   Screw-Stoketing and Sma-n on PB   Reir Side   PPD gas ad earth pin Sa x 0.8   i   5720.4077.0     4   Standard version   Screw-Stoketing and Sma-n on PB   Reir Side   PPD gas ad earth pin Sa x 0.8   i   5720.4077.0     6   Standard version   Screw-Stoketing and Sma-n on PD   Reir Side   PPD gas ad earth pin Sa x 0.8   i   5720.4077.0     10   Standard version   Screw-Stoketing and Sma-n on PD   Reir Side   PPD gas ad earth pin Sa x 0.8   i   5720.4077.0     11   Standard version   Screw-Stoketing and Sma-n on PD   Reir Side   PDD gas ad earth PD gas ad earth P	6	Standard version	Screw/Soldering on PCB	Rear Side		I	•	5120.4074.0
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PErs   Pers   Pers     4   Standard version   Screw-Soldering and Srup-in on PERS   Rear Side   PPC Bying and earth pin 5.3 x 0.8 arthur   1   • 5120.507.3.0     6   Standard version   Screw-Soldering and Srup-in on PERS   Rear Side   PPC Bying and earth pin 5.3 x 0.8 arthur   1   • 5120.507.8.0     10   Standard version   Screw-Soldering and Srup-in on PERS   Rear Side   PPCB bying and earth pin 5.3 x 0.8   1   • 5120.507.8.0     11   Standard version   Screw-Soldering and Srup-in on PERS   Rear Side   PPCB bying earth earth   1   • 5120.000.0.0     11   Standard version   Screw-on/Bred   Front-/Rear-Side   Dank connect terminals 6.3 x   1   • 5120.0001.0     2   Standard version   Screw-on/Bred   Front-/Rear-Side   Dauk connect terminals 6.3 x   1   • 5120.0001.0     2   Standard version   Screw-on/Bred   Front-/Rear-Side   Dauk connect terminals 6.3 x   1   • 5120.0007.0     3   Standard version   Screw-on/Bred   Front-/Rear-Side   Dauk connect terminals 6.3 x   1   • 5120.0007.0	1	Standard version		Rear Side		I	•	5120.5070.0
PGB   pin 6 3 to 0.8   pin 6 3 to 0.8 <td>2</td> <td>Standard version</td> <td></td> <td>Rear Side</td> <td></td> <td>I</td> <td>•</td> <td>5120.5071.0</td>	2	Standard version		Rear Side		I	•	5120.5071.0
P68   print 3 x 0.8	4	Standard version		Rear Side		I	•	5120.5073.0
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PCB pin 6.3 x GB   1 Standard version Screw-on/Rivet Front-Rear-Side Quick connect terminals 6.3 x I 5120.000.0   1 Standard version Screw-on/Rivet Front-Rear-Side Sudder terminals 6.3 x I 6 5120.000.0   2 Standard version Screw-on/Rivet Front-Rear-Side Codic connect terminals 6.3 x I 6 5120.0001.0   4 Standard version Screw-on/Rivet Front-Rear-Side Codic connect terminals 6.3 x I 6 5120.0002.0   6 Standard version Screw-on/Rivet Front-Rear-Side Codic connect terminals 6.3 x I 6 5120.0004.0   10 Standard version Screw-on/Rivet Front-Rear-Side Codic connect terminals 6.3 x I 6 5120.0007.0   11 Standard version Screw-on/Rivet Front-Rear-Side Front-Rear-Side Codic connect terminals 6.3 x I 6 5120.0007.0   12 Standard version Screw-on/Rivet Front-Side Front-Side Codic connect terminals 6.3 x I 6 5120.0007.0   13 Standard version	10	Standard version		Rear Side		I	•	5120.5076.0
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4Standard versionScrew-on/RivetFront-/Rear-SideDuelsc connect turninats 63 xI5120.0003.06Standard versionScrew-on/RivetFront-/Rear-SideCuelsc connect turninats 63 xI5120.0004.010Standard versionScrew-on/RivetFront-/Rear-SideCuelsc connect turninats 63 xI5120.0006.015Standard versionScrew-on/RivetFront-/Rear-SideCuelsc connect turninats 63 xI5120.0007.015Standard versionScrew-on/RivetFront-/Rear-SidePuelsc connect turninats 63 xI5120.0007.016Standard versionScrew-on/RivetFront-/Rear-SidePuelsc connect turninats 63 xI5120.0007.016Standard versionScrew-on/RivetFront-/Rear-SidePuelsc connect turninats 63 xI5120.0007.017Standard versionScrew with plastic flangeFront SidePuelsc connect turninats 63 xI5120.0077.02Standard versionScrew with plastic flangeFront SideDuelsc connect turninats 63 xI3101-1414Standard versionScrew with plastic flangeFront SideDuelsc connect turninats 63 xI3101-1425Standard versionScrew with plastic flangeFront SideDuelsc connect turninats 63 xI3101-1436Standard versionScrew with plastic flangeFront SideDuelsc connect turninats 63 xI3100-77610Standard versionScrew w						I		
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terminals 6.3 x 0.8 mm15Standard versionScrew-on/RivetFront-/Rear-SideFlexible wire AWG16I●5120.0057.01Standard versionScrew with plastic flangeFront Side0.8 mmI●3-101-1402Standard versionScrew with plastic flangeFront Side0.0 km0.8 mmI●3-101-1414Standard versionScrew with plastic flangeFront Side0.0 km0.0 km0.8 mm0.8 mmI●3-101-1424Standard versionScrew with plastic flangeFront Side0.0 km0.8 mm0.8 mm0.8 mm0.8 mm3-101-1426Standard versionScrew with plastic flangeFront SideOuick connect terminats 6.3 x 0.8 mmI●3-101-14210Standard versionScrew with plastic flangeFront SideOuick connect terminats 6.3 x 0.8 mmI●3-101-77611Standard versionScrew with plastic flangeFront SideOuick connect terminats 6.3 x 0.8 mmI●3-101-77612Standard versionScrew with plastic flangeFront SideOuick connect terminats 6.3 x 0.8 mmI●3-101-77613Standard versionScrew with plastic flangeFront SideOuick connect terminats 6.3 x 0.8 mmI●3-101-77614Standard versionScrew with plastic flangeFront SideOuick connect terminats 6.3 x 0.8 mmI●512	10	Standard version	Screw-on/Rivet	Front-/Rear-Side	terminals 6.3 x	I	•	5120.0006.0
AWG161Standard versionScrew with plastic flangeFront SideQuick connect to the terminals 6.3 x 0.8 mmIStandard versionScrew with plastic flangeFront SideQuick connect to the terminals 6.3 x 0.8 mmIStandard versionScrew with plastic flangeFront SideQuick connect to the terminals 6.3 x 0.8 mmIStandard versionScrew with plastic flangeFront SideQuick connect to the terminals 6.3 x 0.8 mmIStandard versionScrew with plastic flangeFront SideQuick connect to the terminals 6.3 x 0.8 mmIStandard versionScrew with plastic flangeFront SideQuick connect to the terminals 6.3 x 0.8 mmIStandard versionScrew with plastic flangeFront SideQuick connect to the terminals 6.3 x 0.8 mmIStandard versionScrew with plastic flangeFront SideQuick connect to the terminals 6.3 x 0.8 mmIStandard versionScrew with plastic flangeFront SideQuick connect to the terminals 6.3 x 0.8 mmIStandard versionScrew with plastic flangeFront SideQuick connect to the terminals 6.3 x 0.8 mmIStandard versionScrew with plastic flangeFront SideQuick connect to the terminals 6.3 x 0.8 mmIStandard versionScrew with plastic flangeFront SideScrew to the terminals 6.3 x 0.8 mmIStandard versionScrew terminals 6.3 x 0.8 mmIStandard version	15	Standard version	Screw-on/Rivet	Front-/Rear-Side	terminals 6.3 x	I	•	5120.0007.0
111	15	Standard version	Screw-on/Rivet	Front-/Rear-Side	Flexible wire AWG16	I	•	5120.0057.0
4Standard versionScrew with plastic flangeFront SideQuick connect terminals 6.3 x 0.8 mmI3-101-1426Standard versionScrew with plastic flangeFront SideQuick connect terminals 6.3 x 0.8 mmI3-101-14310Standard versionScrew with plastic flangeFront SideQuick connect terminals 6.3 x 0.8 mmI3-101-14310Standard versionScrew with plastic flangeFront SideQuick connect 	1	Standard version	Screw with plastic flange	Front Side	terminals 6.3 x	I	•	3-101-140
ferminals 6.3 x 0.8 mm6Standard versionScrew with plastic flangeFront SideActive connect terminals 6.3 x 0.8 mmI•3-101-14310Standard versionScrew with plastic flangeFront SideQuick connect terminals 6.3 x 0.8 mmI•3-100-77615Standard versionScrew with plastic flangeFront SideQuick connect terminals 6.3 x 0.8 mmI•3-101-14415Standard versionScrew with plastic flangeFront SideQuick connect terminals 6.3 x 0.8 mmI•3-101-1441Standard versionScrewRear SideQuick connect terminals 6.3 x 0.8 mmI•5120.100.02Standard versionScrewRear SideQuick connect terminals 6.3 x 0.8 mmI•5120.1001.04Standard versionScrewRear SideQuick connect terminals 6.3 x 0.8 mmI•5120.1003.0	2	Standard version	Screw with plastic flange	Front Side	terminals 6.3 x	I	•	3-101-141
terminals 6.3 x 0.8 mmterminals 6.3 x 0.8 mmterminals 6.3 x 0.8 mmIS-3-100-77610Standard versionScrew with plastic flangeFront SideQuick connect terminals 6.3 x 0.8 mmIS-3-101-77615Standard versionScrew with plastic flangeFront SideQuick connect terminals 6.3 x 0.8 mmIS-3-101-1441Standard versionScrewRear SideQuick connect terminals 6.3 x 0.8 mmIS-120.100.02Standard versionScrewRear SideQuick connect terminals 6.3 x 0.8 mmIS-120.1001.04Standard versionScrewRear SideQuick connect terminals 6.3 x 0.8 mmIS-120.1003.0	4	Standard version	Screw with plastic flange	Front Side	terminals 6.3 x	I	•	3-101-142
terminals 6.3 x 0.8 mmterminals 6.3 x 0.8 mm15Standard versionScrew with plastic flangeFront SideQuick connect terminals 6.3 x 0.8 mmI•3-101-1441Standard versionScrewRear SideQuick connect terminals 6.3 x 0.8 mmI•5120.1000.02Standard versionScrewRear SideQuick connect terminals 6.3 x 0.8 mmI•5120.1001.04Standard versionScrewRear SideQuick connect terminals 6.3 x 0.8 mmI•5120.1001.0	6	Standard version	Screw with plastic flange	Front Side	terminals 6.3 x	I	•	3-101-143
Image: standard versionScrewRear SideQuick connect terminals 6.3 x 0.8 mmI\$120.1000.02Standard versionScrewRear SideQuick connect terminals 6.3 x 0.8 mmI\$120.1001.04Standard versionScrewRear SideQuick connect terminals 6.3 x 0.8 mmI\$120.1001.0	10	Standard version	Screw with plastic flange	Front Side	terminals 6.3 x	I	•	3-100-776
terminals 6.3 x 0.8 mm2Standard versionScrewRear SideQuick connect terminals 6.3 x 0.8 mmI• 5120.1001.04Standard versionScrewRear SideQuick connect terminals 6.3 xI• 5120.1003.0	15	Standard version	Screw with plastic flange		terminals 6.3 x 0.8 mm	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		Standard version	Screw		terminals 6.3 x 0.8 mm	I	•	5120.1000.0
terminals 6.3 x					terminals 6.3 x 0.8 mm	I	•	
	4	Standard version	Screw	Rear Side	terminals 6.3 x	I	•	5120.1003.0

# 5120

Rated Cur-	Filter-Type	Mounting	Mounting side	Terminal	Protection Class	V-Lock	Order Number
rent [A]							
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	I	٠	5120.1046.0
15	Standard version	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	I	٠	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	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/Soldering on PCB	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	٠	5120.4373.0
6	Medical Version (M5)	Screw/Soldering on PCB	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	٠	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	٠	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	٠	5120.5374.0
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	٠	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
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	٠	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	٠	5120.1306.0
10	Medical Version (M5)	Screw	Rear Side	Flexible wire and Earth pin 6.3 x 0.8	L	•	5120.1346.0
15	Medical Version (M5)	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	I	٠	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	٠	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	٠	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	٠	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	٠	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	٠	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	٠	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	٠	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	ll	•	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	٠	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	ll	•	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	ļ	•	5120.2207.0
10	Bleed Resistor Version	Screw-on/Rivet	Front-/Rear-Side	Solder terminals	I	•	5120.0216.0

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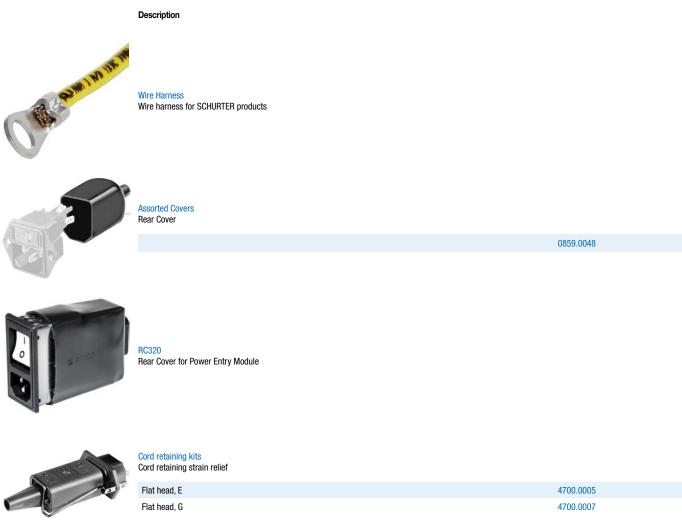
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- 15 A version only according UL/CSA

- Type for screw-on mounting from rear side has pre-threaded holes for M3 screws

Packaging unit	10 Pcs
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Accessories



# 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 pro- tection 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 <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 <sup>2</sup> / 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 mm <sup>2</sup> / 3 x 18 AWG, Cable, Connector: IEC C13	4783	
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#### 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

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