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







Optimal shielding due to completely closed filter case, unpotted

- Class X1- and Y1-capacitors for enhanced withstand voltage

Suitable for use in medical equipment according to IEC/UL 60601-1

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

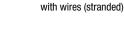
pdf data sheet, html datasheet, General Product Information, Distributor-Stock-Check, Accessories, Detailed request for product, Landing Page

- Suitable for assembly in metal plated plastic housings - Suitable for use in equipment according to IEC/UL 60950

Snap-in mounting from front side



Front side mounting with plastic flange



Snap-in 2 - 3 mm

# See below: **Approvals and Compliances**

- Compact high performance filter

Other versions on request

- Medical Version (M80)

References

Weblinks

- flexible wire with various lenghts

- Snap-in for panel thickness >2mm to 3mm

**Characteristics** 

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

# **Technical Data**

#### Ratings IEC 1 - 10 A @ Ta 40 °C / 250 VAC; 50 Hz Ratings UL/CSA 1 - 15 A @ Ta 40 °C / 250 VAC; 60 Hz Leakage Current standard < 0.5 mA (250 V / 60 Hz) medical < 5 µA (250 V / 60 Hz) **Dielectric Strength** > 1.7 kVDC between L-N > 2.7 kVDC between L/N-PE Test voltage (2 sec) Allowable Operation Tempe--25 °C to 85 °C rature **Climatic Category** 25/085/21 acc. to IEC 60068-1 from front side IP40 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: 0.8mm to 2mm (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
(H)	Designed according to	UL 498	Standard for Attachment Plugs and Receptacles
(H)	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
CSA Group	Designed according to	CSA C22.2 no. 8	Electromagnetic interference (EMI) filters

#### Application standards

Application standards where the product can be used

Organization	Design	Standard	Description
IEC	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.
IEC	Designed for applications acc.	IEC 60601-1	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance

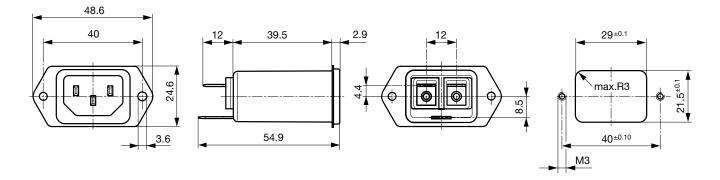
#### Compliances

The product complies with following Guide Lines

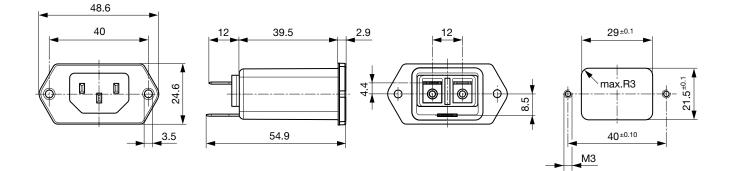
Identification	Details	Initiator	Description
CE	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
COMPLIANT	RoHS	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>√</b> -Lock	Landing Page V-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 Technology	SCHURTER AG	Suitable for use in medical equipment according to IEC/UL 60601-1

# Dimension [mm]

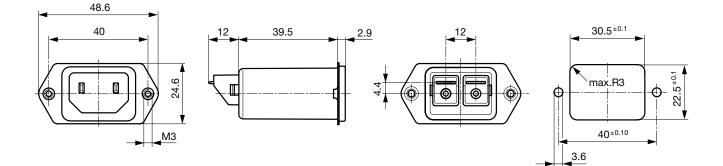
Front or rear side mounting for screws with nuts or blind rivets (panel cutout for frontside mounting)



Front side mounting with plastic flange

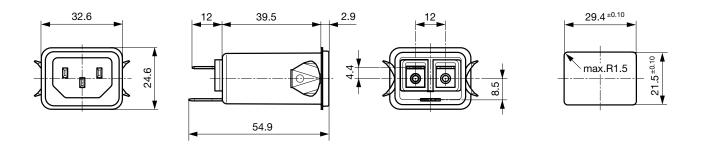


Rear side mounting with pre-formed, threaded holes for M3 screws (panel cutout for rear side mounting)



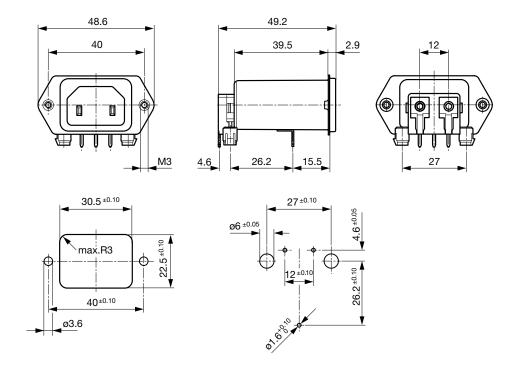
Dimensions for class II version also apply to class I

Snap-in mounting from front side

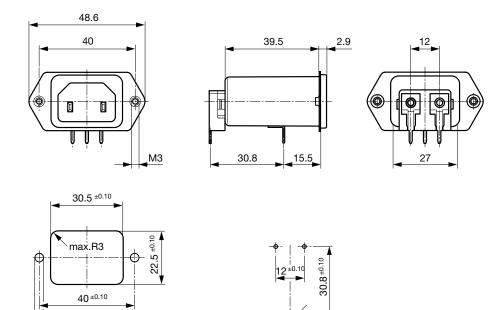


Dimensions for class I version also apply class II

PCB snap-in rear side mounting, protection class II



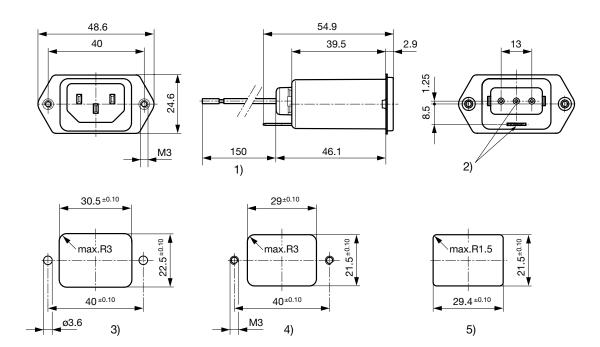
#### PCB rear side mounting, protection class II



**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

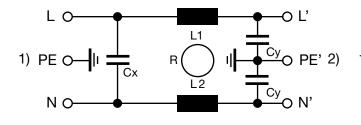
# **Technical Data of Filter-Components**

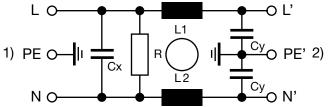
Rated Current [A]	Filter-Type	Inductances L [mH]	Capacitance CX [nF]	Capacitance CY [nF]	<b>R [Μ</b> Ω]
1	Standard version	2 x 12	100	2.2	-
2	Standard version	2 x 5.2	100	2.2	-
4	Standard version	2 x 2	100	2.2	-
6	Standard version	2 x 0.8	100	2.2	-
10	Standard version	2 x 0.4	100	2.2	-
15	Standard version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

Bleed resistor version / medical version M80



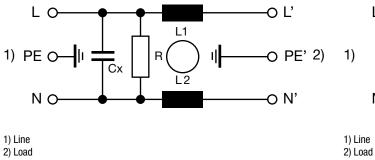


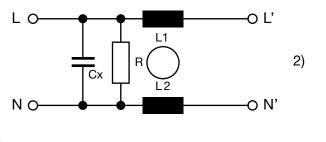


Medical Version (M5)

1) Line 2) Load

Medicalversion (M5), Protection Class II







# Attenuation Loss Standard version

1 A

dB 80

60

40

20

0 L 0.0

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

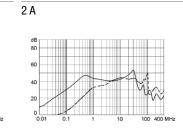
6 A

dB 80

60

40

20



15 A

2 A

4 A

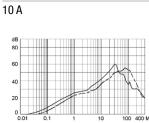
dB 80

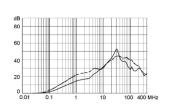
60

40

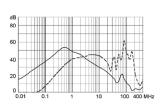
20

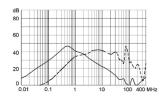
4 A

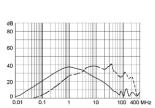




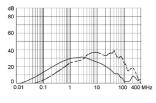


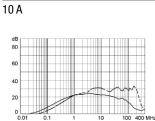


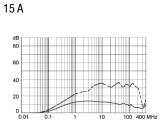












All Variants

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	٠	5120.2046.0

# 5120

Rated Cur-	Filter-Type	Mounting	Mounting side	Terminal	Protection Class	V-Lock	Order Number
rent [A]							
15	Standard version	Snap-in	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	٠	5120.2007.0
1	Standard version	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	•	5120.4070.0
1	Standard version	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	•	5120.5070.0
2	Standard version	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	٠	5120.4071.0
2	Standard version	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	•	5120.5071.0
4	Standard version	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	٠	5120.4073.0
4	Standard version	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	•	5120.5073.0
6	Standard version	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	٠	5120.4074.0
6	Standard version	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	•	5120.5074.0
10	Standard version	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	•	5120.4076.0
10	Standard version	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	•	5120.5076.0
15	Standard version	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	٠	5120.4077.0
15	Standard version	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	•	5120.5077.0
1	Standard version	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	I	٠	5120.0000.0
1	Standard version	Screw-on/Rivet	Front-/Rear-Side	Solder terminals	I	٠	5120.0010.0
2	Standard version	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.0001.0
4	Standard version	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.0003.0
6	Standard version	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.0004.0
10	Standard version	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.0006.0
15	Standard version	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.0007.0
15	Standard version	Screw-on/Rivet	Front-/Rear-Side	Flexible wire AWG16	I	•	5120.0057.0
1	Standard version	Screw with plastic flange	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	3-101-140
2	Standard version	Screw with plastic flange	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	3-101-141
4	Standard version	Screw with plastic flange	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	•	3-101-142
6	Standard version	Screw with plastic flange	Front Side	Quick connect terminals 6.3 x 0.8 mm		•	3-101-143
10	Standard version	Screw with plastic flange	Front Side	Quick connect terminals 6.3 x 0.8 mm	1	•	3-100-776
15	Standard version	Screw with plastic flange	Front Side	Quick connect terminals 6.3 x 0.8 mm	1	•	3-101-144
1	Standard version	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	I	•	5120.1001.0
2	Standard version	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm		•	5120.1001.0
4	Standard version	Screw	Rear Side	Quick connect 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]		mounting	mounting side	Termina	Trocodon olass	V LOOK	order Number
6	Standard version	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	I	٠	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	•	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	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	٠	5120.2307.0
4	Medical Version (M5)	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	•	5120.4373.0
4	Medical Version (M5)	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	٠	5120.5373.0
6	Medical Version (M5)	Screw/PCB snap-in	Rear Side	PCB pin and earth pin 6.3 x 0.8	I	•	5120.4374.0
6	Medical Version (M5)	Screw/PCB snap-in	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	•	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	٠	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	٠	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	٠	3-101-145
2	Medical Version (M5)	Screw with plastic flange	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	٠	3-101-146
4	Medical Version (M5)	Screw with plastic flange	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	٠	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	٠	3-101-148
15	Medical Version (M5)	Screw with plastic flange	Front Side	Quick connect terminals 6.3 x 0.8 mm	I	٠	3-101-149
1	Medical Version (M5)	Screw	Rear Side	Quick connect terminals 6.3 x 0.8 mm	I	٠	5120.1300.0

Retor Var Mod (A)     Felter Var Museum (Mp)     Mounting det Museum (Mp)     Terminal Source     Pedecision (Museum (Mp)     Source     Reur Side (Markaul Version (Mp)     Source<								
4     Modical Variation, MAS     Scropy     Rearr Stole     Link of k annumber of Stale     Image of Stale	Rated Cur- rent [A]	Filter-Type	Mounting	Mounting side	Terminal	Protection Class	V-Lock	Order Number
International and a second s	2	Medical Version (M5)	Screw	Rear Side	terminals 6.3 x	I	•	5120.1301.0
10Medical Version (MS)ScreevRear SideDate: connect solution (MS)Screev-inRear SideDate: connect solution (MS)Screev-inRear SideDate: connect solution (MS)Screev-inRear SideDate: connect solution (MS)Rear SideDate: connect solution (MS)Rear SideRear Side<	4	Medical Version (M5)	Screw	Rear Side	terminals 6.3 x	I	٠	5120.1303.0
International Solution     Science     Near Science     Part Sci	6	Medical Version (M5)	Screw	Rear Side	terminals 6.3 x	I	•	5120.1304.0
Image: Bit is a set of the set o	10	Medical Version (M5)	Screw	Rear Side	terminals 6.3 x	I	٠	5120.1306.0
15   Mudical Version (M5)   Scrow   Rear Side   Gamma Sign Sign Sign Sign Sign Sign Sign Sign	10	Medical Version (M5)	Screw	Rear Side		I	•	5120.1346.0
1 Medical Version (MS) Snap-in Front Side Data Konnect, B R MR II • 5120.230.1   2 Medical Version (MS) Snap-in Front Side Data Konnect, B R MR II • 5120.230.1   4 Medical Version (MS) Snap-in Front Side Data Konnect, B R MR II • 5120.230.1   6 Medical Version (MS) Snap-in Front Side Data Konnect, B R MR II • 5120.230.1   10 Medical Version (MS) Snap-in Front Side Data Konnect, B R MR II • 5120.230.5   15 Medical Version (MS) Snap-in Front Side Obtic Konnect, B R MR II • 5120.230.5   16 Medical Version (MS) Snap-in Front Side Obtic Konnect, B R MR II • 5120.230.5   15 Medical Version (MS) Scraw-PCB snap-in Res Side PCB sn and earth PIR S 3 v B II • 5120.237.3   16 Medical Version (MS) Scraw-PCB snap-in Res Side PCB sn and earth PIR S 3 v B II • 5120.237.5   10 Medical Version (MS) Scraw-PCB snap-in Res Side PCB sn and earth PIR S 3 v B II • 5120.237.5	15	Medical Version (M5)	Screw	Rear Side	Quick connect terminals 6.3 x	I	•	5120.1307.0
2   Medical Version (MS)   Smp-in   Front Side   Munick connect 0.8 mm   II   • 5120.2303.1     4   Medical Version (MS)   Smp-in   Front Side   Quark connect 0.8 mm   II   • 5120.2303.1     6   Medical Version (MS)   Smp-in   Front Side   Quark connect 0.8 mm   II   • 5120.2303.1     10   Medical Version (MS)   Smp-in   Front Side   Quark connect 0.8 mm   II   • 5120.2306.1     15   Medical Version (MS)   Smp-in   Front Side   Quark connect 0.8 mm   II   • 5120.2307.1     4   Medical Version (MS)   Screw/PCB smp-in   Rear Side   PCB pin and senth minus 0.3 x.3   II   • 5120.2307.1     4   Medical Version (MS)   Screw/PCB smp-in   Rear Side   PCB pin and senth minus 0.3 x.3   II   • 5120.2307.1     4   Medical Version (MS)   Screw/PCB smp-in   Rear Side   PCB pin and senth minus 0.8 x.3   II   • 5120.537.5     10   Medical Version (MS)   Screw/PCB smp-in   Rear Side   PCB pin and senth minus 0.8 x.3   II   • 5120.537.5     10   Medical Version (MS)   Screw-on/Rivet   Front-Rear-Side	1	Medical Version (M5)	Snap-in	Front Side	Quick connect terminals 6.3 x	II	•	5120.2300.1
4   Medical Version (MS)   Stap-in   Front Stide   Datic connect 0.0 mm   II   • 5120.2203.1     6   Medical Version (MS)   Snap-in   Front Stide   Quick connect 100 mm   II   • 5120.2204.1     10   Medical Version (MS)   Snap-in   Front Stide   Quick connect 100 mm   II   • 5120.2206.1     10   Medical Version (MS)   Snap-in   Front Stide   Quick connect 100 mm   II   • 5120.2206.1     15   Medical Version (MS)   Snap-in   Front Stide   Quick connect 100 mm   II   • 5120.2207.1     4   Medical Version (MS)   Screw/PCB snap-in   Rear Stide   PCB pin and earth PCB pin and	2	Medical Version (M5)	Snap-in	Front Side	Quick connect terminals 6.3 x	II	٠	5120.2301.1
10Medical Version (M5)Snap-inFront SideDuick connect to B nmIIS120 2306.115Medical Version (M5)Snap-inFront SideDuick connect to B nmII6 1/20 2307.14Medical Version (M5)Snap-inRear SidePDB pin and earth to B nmII6 1/20 2307.14Medical Version (M5)Screw/PCB snap-inRear SidePDB pin and earth to B nmII6 1/20 2307.16Medical Version (M5)Screw/PCB snap-inRear SidePDB pin and earth to B nmII6 1/20 237.36Medical Version (M5)Screw/PCB snap-inRear SidePDB pin and earth to B nmII6 1/20 237.110Medical Version (M5)Screw/PCB snap-inRear SidePDB pin and earth to B nmII6 1/20 237.111Medical Version (M5)Screw-on/RivetFront-/Rear-SidePDB pin and earth to B nmII6 1/20 2307.12Medical Version (M5)Screw-on/RivetFront-/Rear-SideOuriek connect to B nmII6 1/20 2303.13Medical Version (M5)Screw-on/RivetFront-/Rear-SideOuriek connect to B nmII6 1/20 2303.13Medical Version (M5)Screw-on/RivetFront-/Rear-SideOuriek connect to B nmII6 1/20 2303.14Medical Version (M5)Screw-on/RivetFront-/Rear-SideOuriek connect to B nmII6 1/20 2303.11Medical Version (M5)Screw-on/RivetFront-/Rear-SideOuriek connect to B nmI	4	Medical Version (M5)	Snap-in	Front Side	Quick connect terminals 6.3 x	II	•	5120.2303.1
Iterminates is a subset to the terminate is a subset to terminat	6	Medical Version (M5)	Snap-in	Front Side	terminals 6.3 x	II	٠	5120.2304.1
4Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.8 mmII5120.4373.14Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.8II5120.5373.16Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.8II5120.5374.110Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.8II5120.5374.111Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.8II65120.5376.12Medical Version (M5)Screw-on/RivetFront-/Rear-SideBuick connect terminals 6.3 x 0.8 mmII5120.0301.12Medical Version (M5)Screw-on/RivetFront-/Rear-SideDuick connect terminals 6.3 x 0.8 mmII5120.0303.16Medical Version (M5)Screw-on/RivetFront-/Rear-SideDuick connect terminals 6.3 x 0.8 mmII5120.0301.110Medical Version (M5)Screw-on/RivetFront-/Rear-SideDuick connect terminals 6.3 x 0.8 mmII5120.0301.12Medical Version (M5)Screw-on/RivetFront-/Rear-SideDuick connect terminals 6.3 x 0.8 mmII5120.0301.110Medical Version (M5)Screw-on/RivetFront-/Rear-SideDuick connect terminals 6.3 x 0.8 mmII5120.0301.12Medical Version (M5)ScrewRear SideDuick connect terminals	10	Medical Version (M5)	Snap-in	Front Side	Quick connect terminals 6.3 x	II	•	5120.2306.1
4Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.8II• 5120.537.3.16Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.8II• 5120.537.4.16Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.8II• 5120.537.6.110Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.8II• 5120.537.6.12Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.8II• 5120.0301.14Medical Version (M5)Screw-on/RivetFront-/Rear-SideQuick connect terminals 6.3 xII• 5120.0301.16Medical Version (M5)Screw-on/RivetFront-/Rear-SideQuick connect terminals 6.3 xII• 5120.0301.110Medical Version (M5)Screw-on/RivetFront-/Rear-SideSolder terminals 6.3 xII• 5120.0301.111Medical Version (M5)Screw-on/RivetFront-/Rear-SideQuick connect terminals 6.3 xII• 5120.0306.112Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 xII• 5120.0301.12Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 xII• 5120.0301.12Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 xII• 5120.0301.12Medical Version (M5)ScrewRear SideQuick connec	15	Medical Version (M5)	Snap-in	Front Side	terminals 6.3 x	II	٠	5120.2307.1
4Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.3II• 5120.5373.16Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.3II• 5120.4374.110Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.3II• 5120.5376.110Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.3II• 5120.5376.12Medical Version (M5)Screw-on/RivetFront-/Rear-SideDuin 6.3 x 0.3II• 5120.0301.14Medical Version (M5)Screw-on/RivetFront-/Rear-SideDuick connect terminals 6.3 x 0.8 mmII• 5120.0303.16Medical Version (M5)Screw-on/RivetFront-/Rear-SideDuick connect terminals 6.3 x 0.8 mmII• 5120.0304.110Medical Version (M5)Screw-on/RivetFront-/Rear-SideDuick connect terminals 6.3 x 0.8 mmII• 5120.0304.111Medical Version (M5)Screw-on/RivetFront-/Rear-SideDuick connect terminals 6.3 x 0.8 mmII• 5120.0304.112Medical Version (M5)ScrewRear SideSolder terminals 6.3 x 0.8 mmII• 5120.0304.113Medical Version (M5)ScrewRear SideSolder terminals 6.3 x 0.8 mmII• 5120.0301.114Medical Version (M5)ScrewRear SideSolder terminals 6.3 x 0.8 mmII• 5120.1301.114Medical Version (M5)ScrewRear Sid	4	Medical Version (M5)	Screw/PCB snap-in	Rear Side		II	•	5120.4373.1
6Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.8II5120.4374.10Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.8II5120.5376.110Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.8II5120.5376.12Medical Version (M5)Screw-on/RivetFront-/Rear-SideQuick connect terminals 6.3 x 0.8 nmII5120.0301.14Medical Version (M5)Screw-on/RivetFront-/Rear-SideQuick connect terminals 6.3 x 0.8 nmII5120.0303.16Medical Version (M5)Screw-on/RivetFront-/Rear-SideQuick connect terminals 6.3 x 0.8 nmII5120.0304.110Medical Version (M5)Screw-on/RivetFront-/Rear-SideQuick connect terminals 6.3 x 0.8 nmII5120.0304.111Medical Version (M5)Screw-on/RivetFront-/Rear-SideQuick connect terminals 6.3 x 0.8 nmII5120.0304.112Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 nmII5120.1301.12Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 nmII5120.1301.12Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 nmII5120.1301.12Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 nmII <t< td=""><td>4</td><td>Medical Version (M5)</td><td>Screw/PCB snap-in</td><td>Rear Side</td><td>PCB pin and earth</td><td>II</td><td>٠</td><td>5120.5373.1</td></t<>	4	Medical Version (M5)	Screw/PCB snap-in	Rear Side	PCB pin and earth	II	٠	5120.5373.1
6Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.8II•5120.5376.110Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 6.3 x 0.8II•5120.5376.12Medical Version (M5)Screw-on/RivetFront-/Rear-SideDuick connect terminals 6.3 x 0.8II•5120.0301.14Medical Version (M5)Screw-on/RivetFront-/Rear-SideDuick connect terminals 6.3 x 0.8II•5120.0303.16Medical Version (M5)Screw-on/RivetFront-/Rear-SideDuick connect terminals 6.3 x 0.8II•5120.0303.110Medical Version (M5)Screw-on/RivetFront-/Rear-SideSolder terminals 6.3 x 0.8II•5120.0304.111Medical Version (M5)Screw-on/RivetFront-/Rear-SideSolder terminals 6.3 x 0.8II•5120.0304.112Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8II•5120.1301.113Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8II•5120.1301.114Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8II•5120.1301.114Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8II•5120.1301.115Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8II•5120.1303	6	Medical Version (M5)	Screw/PCB snap-in	Rear Side	PCB pin and earth	II	•	5120.4374.1
10Medical Version (M5)Screw/PCB snap-inRear SidePCB pin and earth pin 5.3 x 0.8II•5120.5376.12Medical Version (M5)Screw-on/RivetFront-/Rear-SideQuick connect terminals 6.3 x 0.8 mmII•5120.0301.14Medical Version (M5)Screw-on/RivetFront-/Rear-SideQuick connect terminals 6.3 x 0.8 mmII•5120.0303.16Medical Version (M5)Screw-on/RivetFront-/Rear-SideQuick connect terminals 6.3 x 0.8 mmII•5120.0304.110Medical Version (M5)Screw-on/RivetFront-/Rear-SideQuick connect terminals 6.3 x 0.8 mmII•5120.0304.111Medical Version (M5)Screw-on/RivetFront-/Rear-SideSolder terminalsII•5120.0304.111Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 mmII•5120.0316.112Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 mmII•5120.1301.12Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 mmII•5120.1301.13Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 mmII•5120.1301.14Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 mmII•5120.1304.14Medical Version (M5)ScrewRea	6	Medical Version (M5)	Screw/PCB snap-in	Rear Side	PCB pin and earth	II	٠	5120.5374.1
2Medical Version (M5)Screw-on/RivetFront-/Rear-SideQuick connect terminals 6.3 x 0.8 mmII•5120.0301.14Medical Version (M5)Screw-on/RivetFront-/Rear-SideQuick connect terminals 6.3 x 0.8 mmII•5120.0303.16Medical Version (M5)Screw-on/RivetFront-/Rear-SideQuick connect terminals 6.3 x 0.8 mmII•5120.0304.110Medical Version (M5)Screw-on/RivetFront-/Rear-SideSolder terminalsII•5120.0304.111Medical Version (M5)Screw-on/RivetFront-/Rear-SideSolder terminalsII•5120.0304.112Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 mmII•5120.1301.12Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 mmII•5120.1301.12Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 mmII•5120.1301.12Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 mmII•5120.1301.14Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 mmII•5120.1304.15Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 mmII•5120.1304.16Medical Version (M5)ScrewRear SideQuick connect 	10	Medical Version (M5)	Screw/PCB snap-in	Rear Side	PCB pin and earth	II	٠	5120.5376.1
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10Medical Version (M5)Screw-on/RivetFront-/Rear-SideSolder terminalsII5120.0316.11Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 mmII\$120.1300.12Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 mmII\$120.1301.12Medical Version (M5)ScrewRear SideSolder terminalsII\$120.1301.14Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 mmII\$120.1303.16Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 mmII\$120.1304.110Medical Version (M5)ScrewRear SideQuick connect terminals 6.3 x 0.8 mmII\$120.1304.12Bleed Resistor VersionSnap-inFront SideQuick connect terminals 6.3 x 0.8 mmII\$120.1306.14Bleed Resistor VersionSnap-inFront SideQuick connect terminals 6.3 xI\$120.2201.04Bleed Resistor VersionSnap-inFront SideQuick connect terminals 6.3 xI\$120.2203.0	6	Medical Version (M5)	Screw-on/Rivet	Front-/Rear-Side	Quick connect terminals 6.3 x	II	•	5120.0304.1
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4 Bleed Resistor Version Snap-in Front Side Quick connect terminals 6.3 x • 5120.2203.0   terminals 6.3 x • 5120.2203.0	10	Medical Version (M5)	Screw	Rear Side	terminals 6.3 x	II	•	5120.1306.1
terminals 6.3 x	2	Bleed Resistor Version	Snap-in	Front Side	terminals 6.3 x	I	•	5120.2201.0
	4	Bleed Resistor Version	Snap-in	Front Side	terminals 6.3 x	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	I	٠	5120.0216.0

#### Most Popular.

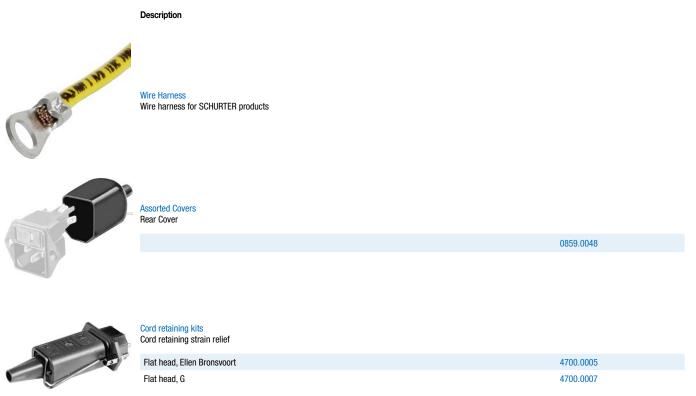
Availability for all products can be searched real-time:https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER

- 15 A version only according UL/CSA

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

Packaging unit
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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-4787 tection class I 4788, Mounting: Snap-in version, Appliance Outlet: IEC Solder terminals or quick connect terminals, 10 A, Suitable for 4788 appliances with protection class I 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



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