IEC Appliance Inlet C14 with Fuseholder 1- or 2-pole and Voltage Selector

IEC connector C14 with fuse holder 1- or 2-pole
Screw-on mounting
from front side

IEC connector C14 with fuse holder 1- or 2-pole
with voltage selector
Snap-in mounting from front side

C14

70° C

See below:
Approvals and Compliances

Description
- Panel mount :
  Screw-on version from front or rear side, snap-in version front side
- 3 Functions :
  Appliance Inlet Protection class I , Fuseholder with interchangeable fuse drawer for Fuse-links 5x20 mm or 6.3x32 mm 1- or 2-pole , with or without voltage selector (step switch)
- Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13.
- Quick connect terminals 4.8 x 0.8 mm

Characteristics
- Available with or without internal connections
- The fuse drawer "Fingergrip" can be removed by hand
- Suitable for use in equipment according to IEC/UL 62368-1

Other versions on request
- Fuse drawer with other voltage values
- For protection class II
- Variant with notch for V-Lock mating Cordsets

References
Alternative: version with line filter   KFC

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

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

Ratings IEC	10A / 250VAC; 50 Hz	Appliance inlet/-outlet	C14 acc. to IEC 60320-1, UL 60320-1, CSA C22.2 no. 60320-1 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I
Ratings UL/CSA	10A / 250VAC; 60 Hz		
Dielectric Strength	> 3 kVAC between L-N > 4 kVAC between L/N-PE (1 min/50 Hz)	Fuseholder	1-/2-pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 / 6.3 x 32 mm
Allowable Operation Temperature	-25 °C to 70 °C	Rated Power Acceptance @ Ta 23 °C	5 x 20: 2.5W (1 pole)/ 2 W (2-pole) per pole 6.3 x 32: 3.15 W (1 pole)/ 2.5 W (2-pole) per pole
IP-Protection	front side IP40 acc. to IEC 60529		
Protection against electric shock	Suitable for appliances with protection class I acc. to IEC 61140	Power Acceptance @ Ta > 23°C	Admissible power acceptance at higher ambient temperature see derating curves
Terminal	Quick connect terminals 4.8 x 0.8 mm		
Panel Thickness S	Screw: max 8 mm Mounting screw torque max 0.5 Nm Snap-in: 1.5/2/2.5 mm	Voltage Selector	optional, step, 2-4 digits
Material: Housing	Thermoplastic, black, UL 94V-0		

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: KEC

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	Certificate Number: 40046766
	UL Approvals	UL	UR File Number: E93617
	CCC Approvals	CCC	CCC Certificate Number: 2010010204409773

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 60127-6	Miniature fuses. Part 6. Fuse-holders for miniature fuse-links
UL	Designed according to	UL 60320-1	Standard for Attachment Plugs and Receptacles
CSA Group	Designed according to	CSA C22.2 no. 60320-1	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices

Application standards

Application standards where the product can be used

| Organization	Design	Standard	Description
IEC	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements
IEC	Suitable for applications acc.	IEC 60601-1	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance
IEC	Suitable for applications acc.	IEC 60335-1	Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 & -13.

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.
UKCA	UKCA declaration of conformity	SCHURTER AG	The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008.
RoHS	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
China RoHS	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.
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.
	White Paper Glow wire test	SCHURTER AG	Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-11 or -12 &-13.
	Medical Equipment	SCHURTER AG	Suitable for use in medical equipment according to IEC/UL 60601-1 (1 MOOP, 1 MOPP)

Dimensions [mm]
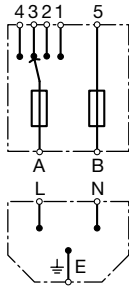
Screw-on mounting
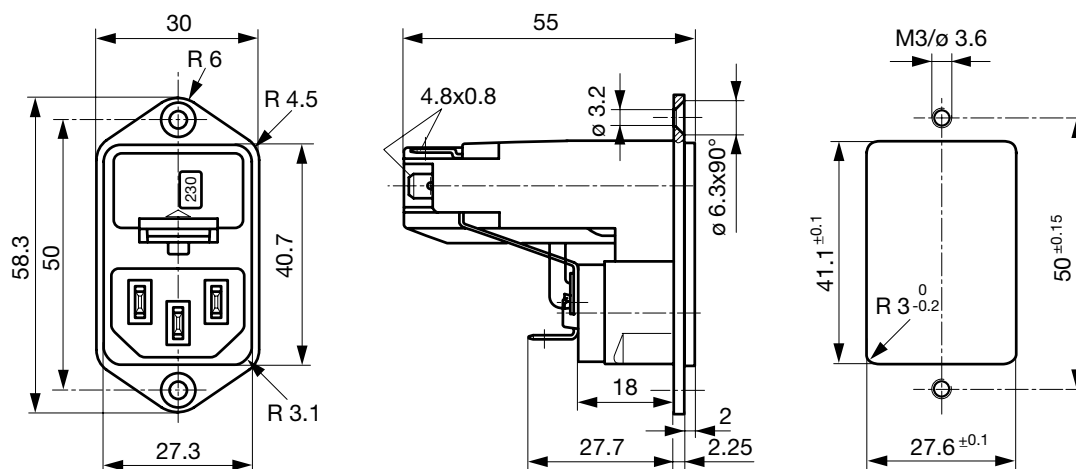
Snap-in mounting
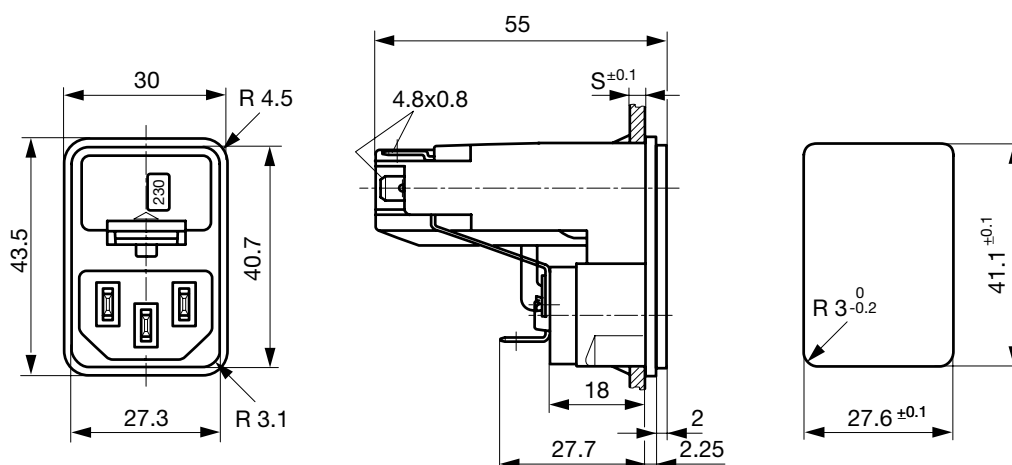
Diagrams

without conn.
Voltage Selector
4-positions, 1-pole
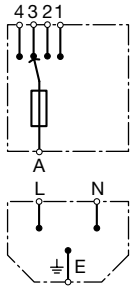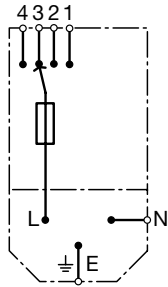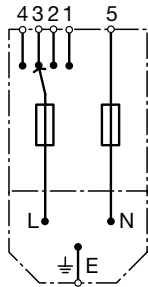

without conn.
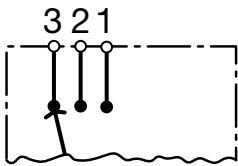Voltage Selector
4-positions, 2-pole

with internal connections
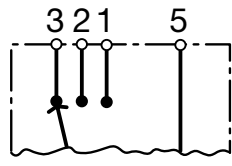Voltage Selector
4-positions, 1-pole

with internal connections
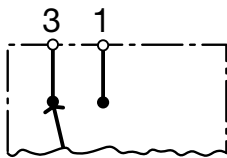Voltage Selector
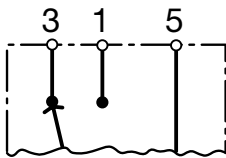4-positions, 2-pole

Voltage Selector
3 pos.
1-pole

Voltage Selector
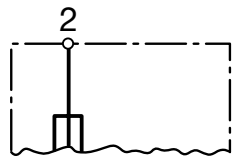3 pos.
2-pole

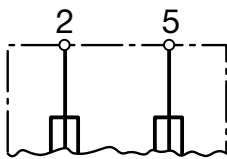Voltage Selector
2 pos.
1-pole

Voltage Selector
2 pos.
2-pole

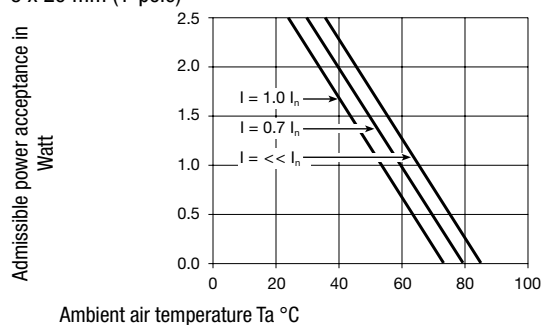
without voltage selector
1-pole

without voltage selector
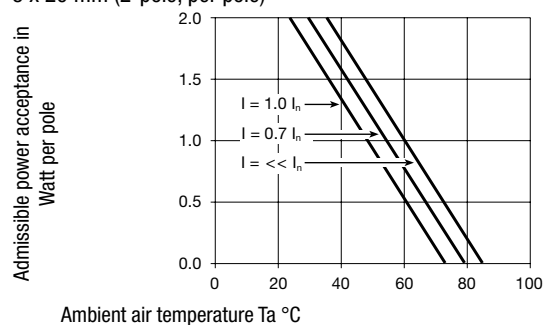2-pole

Derating Curves

Fuses
5 x 20 mm (1-pole)

Fuses
5 x 20 mm (2-pole, per pole)

Fuses
6.3 x 32 mm (1-pole)
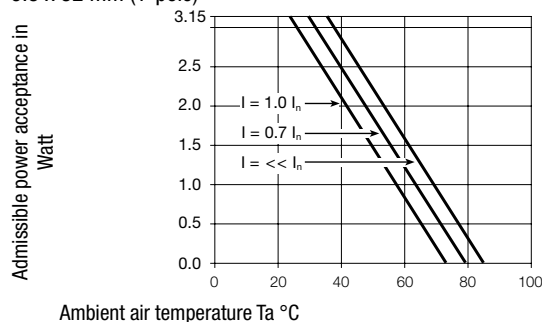
Fuses
6.3 x 32 mm (2-pole, per pole)
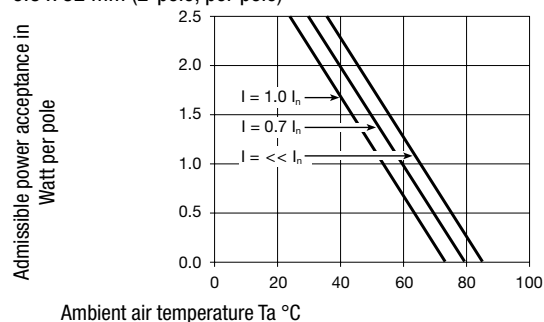
Variants

Panel mounting	Panel Thickness s [mm]	Fuseholder	Voltage Selector	Internally wired	V-Lock	Order Number
Snap-in	1.5	1-pole	-	●		4303.0032
Snap-in	1.5	1-pole	3/4 digits	●		4303.0092
Snap-in	1.5	1-pole	2 pos.	●		4303.0212
Snap-in	2	1-pole	-	●		4303.0033
Snap-in	2	1-pole	3/4 digits	●		4303.0093
Snap-in	2	1-pole	2 pos.	●		4303.0213
Snap-in	2.5	1-pole	-	●		4303.0034
Snap-in	2.5	1-pole	3/4 digits	●		4303.0094
Snap-in	2.5	1-pole	2 pos.	●		4303.0214
Snap-in	1.5	1-pole	-			4303.1032
Snap-in	1.5	1-pole	3/4 digits			4303.1092
Snap-in	1.5	1-pole	2 pos.			4303.1212
Snap-in	2	1-pole	-			4303.1033
Snap-in	2	1-pole	3/4 digits			4303.1093
Snap-in	2	1-pole	2 pos.			4303.1213
Snap-in	2.5	1-pole	-			4303.1034
Snap-in	2.5	1-pole	3/4 digits			4303.1094
Snap-in	2.5	1-pole	2 pos.			4303.1214
Snap-in	1.5	2-pole	-	●		4303.0002
Snap-in	1.5	2-pole	3/4 digits	●		4303.0062
Snap-in	1.5	2-pole	2 pos.	●		4303.0182
Snap-in	2	2-pole	-	●		4303.0003
Snap-in	2	2-pole	3/4 digits	●		4303.0063

Panel mounting	Panel Thickness s [mm]	Fuseholder	Voltage Selector	Internally wired	V-Lock	Order Number
Snap-in	2	2-pole	2 pos.	●		4303.0183
Snap-in	2.5	2-pole	-	●		4303.0004
Snap-in	2.5	2-pole	3/4 digits	●		4303.0064
Snap-in	2.5	2-pole	2 pos.	●		4303.0184
Snap-in	1.5	2-pole	-			4303.1002
Snap-in	1.5	2-pole	3/4 digits			4303.1062
Snap-in	1.5	2-pole	2 pos.			4303.1182
Snap-in	2	2-pole	-			4303.1003
Snap-in	2	2-pole	3/4 digits			4303.1063
Snap-in	2	2-pole	2 pos.			4303.1183
Snap-in	2.5	2-pole	-			4303.1004
Snap-in	2.5	2-pole	3/4 digits			4303.1064
Snap-in	2.5	2-pole	2 pos.			4303.1184
Screw	-	1-pole	-	●		4303.0031
Screw	-	1-pole	3/4 digits	●		4303.0091
Screw	-	1-pole	2 pos.	●		4303.0211
Screw	-	1-pole	-			4303.1031
Screw	-	1-pole	3/4 digits			4303.1091
Screw	-	1-pole	2 pos.			4303.1211
Screw	-	2-pole	-	●		4303.0001
Screw	-	2-pole	3/4 digits	●		4303.0061
Screw	-	2-pole	2 pos.	●		4303.0181
Screw	-	2-pole	-			4303.1001
Screw	-	2-pole	3/4 digits			4303.1061
Screw	-	2-pole	2 pos.			4303.1181

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

The fuse drawer is not included and must be ordered separately (see required accessory).

Packaging unit	50 Pcs

Required Accessory

Description

Fusedrawer_3
Fusedrawer for Fuse Links 5x20 mm resp. 6.3x32 mm

Fingergrip, 5 x 20, 2-pole, Voltage Selector	4303.2014.00
Fingergrip, 5 x 20, 2-pole, Voltage Selector, 100, 120, 220, 240	4303.2014.01
Fingergrip, 5 x 20, 2-pole, Voltage Selector, 110, 150, 220	4303.2014.02
Fingergrip, 5 x 20, 2-pole, Voltage Selector, 110, 220	4303.2014.03
	...

Accessories

RC320
Rear Cover for Power Entry Module

Cord_retaining_kits
Cord retaining strain relief

Flat head, A	4700.0001

Mating Outlets/Connectors

Category / Description

Appliance Outlet Overview complete

4787, Mounting: Screw-on mounting, Appliance Outlet: IEC Solder terminals, 10 A, Suitable for appliances with protection class I	4787
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 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4782
4785 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4785
4300-06 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
4781 Mounting: Power Cord, Cable, Connector: IEC C15	4781
4784 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C15	4784

Mating Outlets/Connectors shuttered

Connector Overview complete

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

Power Cord Overview complete

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

27.02.2025

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schurter](#):

4303.1063 4303.0001 4303.0091 4303.0003 4303.0004 4303.0031 4303.0032 4303.0033 4303.0034 4303.0061
4303.0062 4303.0063 4303.0064 4303.0093 4303.0181 4303.0182 4303.0183 4303.0184 4303.0211 4303.0212
4303.0213 4303.1001 4303.1003 4303.1031 4303.1032 4303.1061 4303.1062 4303.1064 4303.1092 4303.1093
4303.1181 4303.1182 4303.1184 4303.1211 4303.1212 4303.1495 4303.0092 4303.0002 4303.1091 4303.1034