Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
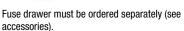
Contact us

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

Fuse drawer must be ordered separately (see accessories).

Fuse drawer must be ordered separately (see accessories).

C14

70° C

See below:
Approvals and Compliances

Description
- Panel Mount :
  Screw-on version from front or rear side, snap-in version from 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 60950

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 datasheet, html-datasheet, General Product Information, Distributor-Stock-Check, Accessories, Detailed request for product, Microsite

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	10 A / 250 VAC; 50 Hz	appliance inlet/-outlet	C14 acc. to IEC 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I
Ratings UL/CSA	13 A / 125 VAC; 60 Hz [1]		
Dielectric Strength	> 3 kVAC between L-N > 4 kVAC between L/N-PE (1 min/50 Hz)	Fuseholder	1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 or 6.3 x 32 mm
Allowable Operation Temperature	-25 °C to 70 °C	Rated Power Acceptance @ Ta 23 °C	5 x 20: 2.5 W (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	from front side IP 40 acc. to IEC 60529		
Insulation cover	Suitable for appliances with protection class I acc. to IEC 61140		
Terminal	Quick connect terminals 4.8 x 0.8 mm	Power Acceptance @ Ta > 23°C	Admissible power acceptance at higher ambient temperature see derating curves
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		

[1] UL/CSA: 1-pole version 13 A, 2-pole version 10 A

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: KEC

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	Certificate Number: 40046766
	UL Approvals	UL	UL File Number: E93617
	CSA Approvals	CSA	CSA Certification Record: 38456
	CQC Approvals	CQC	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
IEC	Designed according to	IEC 61058-1	Switches for appliances. Part 1. General requirements
UL	Designed according to	UL 498	Standard for Attachment Plugs and Receptacles
CSA Group	Designed according to	CSA C22.2 no. 42	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices

Application standards

Application standards where the product can be used

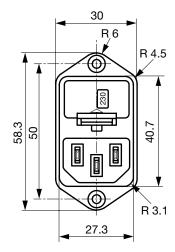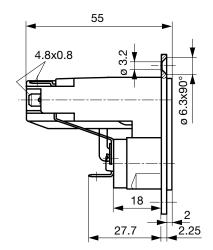| Organization	Design	Standard	Description
IEC	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technologyequipment.
IEC	Designed for applications acc.	IEC 60601-1	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance
IEC	Designed 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 60695-2-12 and -13.

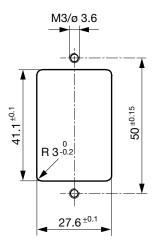## Compliances

The product complies with following Guide Lines

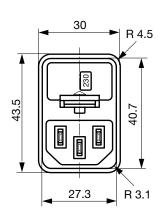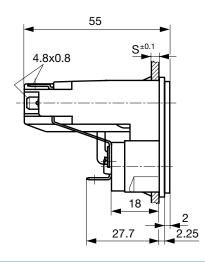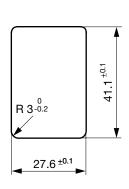| Identification	Details	Initiator	Description
CE	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
RoHS COMPLIANT	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
	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	MicrositeV-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.
	Medical Equipment	SCHURTER AG	Suitable for use in medical equipment according to IEC/UL 60601-1

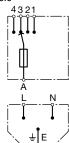## Dimensions [mm]

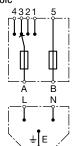Screw-on mounting

Snap-in mounting

Diagrams

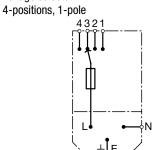**without internal connections
Voltage selector
4-positions, 1-pole**

**without internal connections
Voltage selector
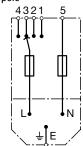4-positions, 2-pole**

**with internal connections
Voltage selector
4-positions, 1-pole**

**with internal connections
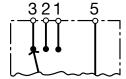Voltage selector
4-positions, 2-pole**

**Voltage selector
3-positions
1-pole**

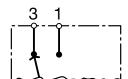**Voltage selector
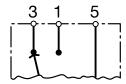3-positions
2-pole**

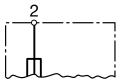**Voltage selector
2-positions
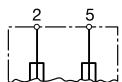1-pole**

**Voltage selector
2-positions
2-pole**
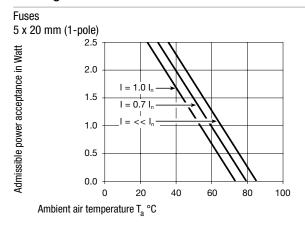
**without voltage selector
1-pole**

**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)

All 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

Panel mounting	Panel Thickness s [mm]	Fuseholder	Voltage Selector	Internally wired	V-Lock	Order Number
Snap-in	2	2-pole	-	●		4303.0003
Snap-in	2	2-pole	3/4 digits	●		4303.0063
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

▌ Most Popular.

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

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

Assorted Covers
Rear Cover

	0859.0072

Cord retaining kits
Cord retaining strain relief

Flat head, A	4700.0001

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 KEC

Connector Overview complete

4782 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4782
4022 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13	4022
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
4012 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13	4012

Connector further types to KEC ...

Mating Outlets/Connectors shuttered

Power Cord Overview complete

VAC13KS, Overview, diverse Connector IEC C13, cord end:	VAC13KS
Power cord with IEC connector C17, V-Lock, straight	VAC17KS

Power Cord further types to KEC

22.01.2018