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

V-Lock

Snap-in version

C14	C18
70° C	70° C

RoHS COMPLIANT

Description
- Panel Mount :
  Snap-in version from front side
- 2 Functions :
  Appliance Inlet protection class I or II , Fuseholder for fuse-links
  5 x 20 mm on the rear-side 1- or 2-pole

Approvals
- VDE Certificate Number: 40024857
- UL File Number: E93617, E96454
- CSA File Number: 38456
- CCC File Number: 2006010204183182

Characteristics
- Two "locking" snappers reinforce connector against repeated or excessive pull out force during plug removal
- All single elements are already wired
- Fuseholder on the inside of the equipment prevents accidental use of incorrect fuse-links by the user
- Suitable for use in equipment according to IEC/UL 60950

Other versions on request
- Ground terminal, solder/quick-connect, 90° to connector axis

Weblinks
pdf datasheet, html-datasheet, General Product Information, RoHS, CHINA-RoHS, REACH, 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.
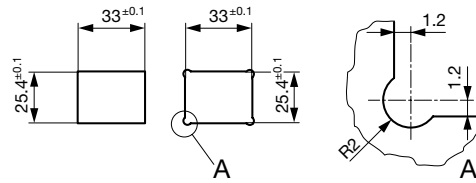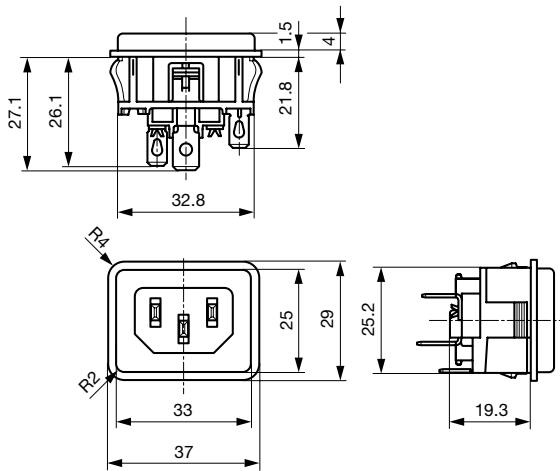
Technical Data

Ratings IEC	10A / 250VAC; 50Hz
Ratings UL/CSA	10A / 125VAC; 60Hz
Dielectric Strength	> 2.2kVAC between L-N > 3kVAC between L/N-PE (1 min/50Hz)
Allowable Operation Temperature	-25°C to 70°C
IP-Protection	from front side IP 40 acc. to IEC 60529
Insulation cover	Suitable for appliances with protection class I or II acc. to IEC 61140
Terminal	Quick connect terminals 4.8 x 0.8 mm , Ground terminal: Solder terminals or quick connect terminals tin-plated Solder terminal on request
Panel Thickness s	Snap-in: 1/1.2/1.5/2/2.5/3 mm (other on request) (all steps with one variant)
Material: Housing	Thermoplastic, black, UL 94V-0

appliance inlet/-outlet	C14 / C18 acc. to IEC 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I or II
Fuseholder	1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20mm
Rated Power Acceptance @ Ta 23 °C	5 x 20: 3.15 W (1 pole)/ 2.5 W (2-pole) per pole
Power Acceptance @ Ta > 23°C	Admissible power acceptance at higher ambient temperature see derating curves

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in
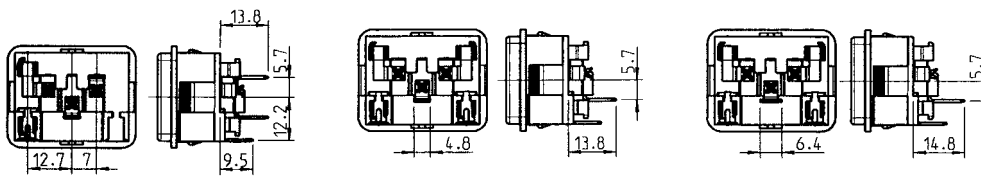General Product Information
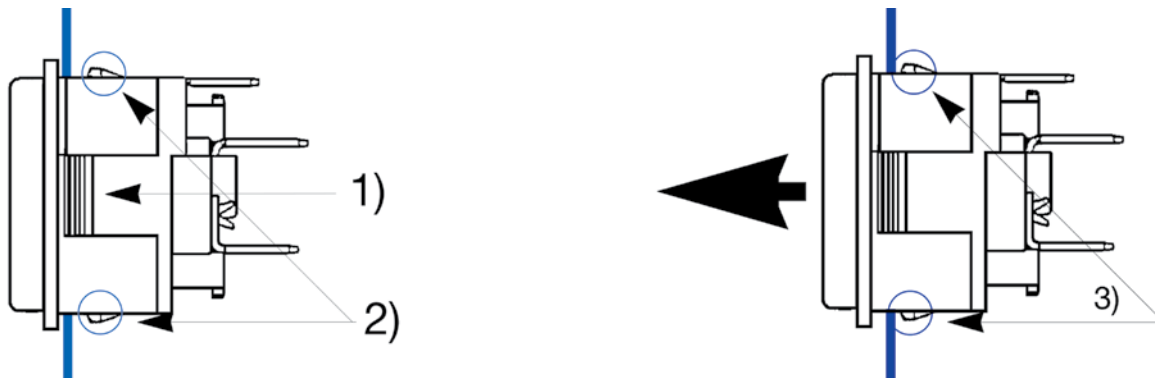
Dimensions

punched / drilled

Line and neutral: Quick-connect
Quick connect terminal 4.8 x 0.8 mm

Ground terminal: Quick connect
Quick connect terminal 4.8 x 0.8 mm

Ground terminal: Quick-connect
Quick connect terminal 6.3 x 0.8 mm
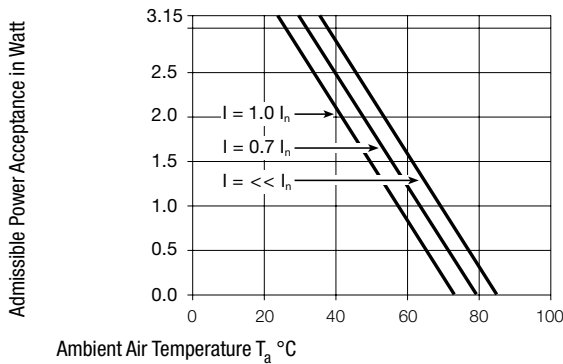
Assembly Instructions

1) Main snappers for snap-in mounting
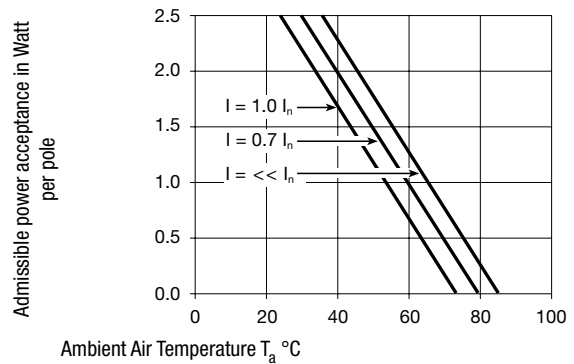2) Additional safety snappers not in use

3) Additional safety snappers in use
   against excessive pull out force

Derating Curves

1-pole

2-pole

All Variants

Protection Class	Fuseholder	Terminals L / N		Ground terminal		V-Lock	Order Number
		connection type	Terminal direction	connection type	Terminal direction		
I	-	Quick connect terminals 4.8 x 0.8 mm	in connector axis	Quick connect terminals 4.8 x 0.8 mm	in connector axis		GSF2.0011.01
I	1-pole	Quick connect terminals 4.8 x 0.8 mm	90° to connector axis	Quick connect terminals 4.8 x 0.8 mm	90° to connector axis		GSF2.1022.01
I	1-pole	Quick connect terminals 4.8 x 0.8 mm	in connector axis	Quick connect terminals 4.8 x 0.8 mm	in connector axis		GSF2.1011.01
I	1-pole	Quick connect terminals 4.8 x 0.8 mm	in connector axis	Quick connect terminals 6.3 x 0.8 mm	in connector axis		GSF2.1013.01
I	2-pole	Quick connect terminals 4.8 x 0.8 mm	90° to connector axis	Quick connect terminals 4.8 x 0.8 mm	90° to connector axis		GSF2.2022.01
I	2-pole	Quick connect terminals 4.8 x 0.8 mm	in connector axis	Quick connect terminals 4.8 x 0.8 mm	in connector axis		GSF2.2011.01
I	2-pole	Quick connect terminals 4.8 x 0.8 mm	in connector axis	Quick connect terminals 6.3 x 0.8 mm	in connector axis		GSF2.2013.01
II	1-pole	Quick connect terminals 4.8 x 0.8 mm	in connector axis	-	-		GSF2.1010.01
II	2-pole	Quick connect terminals 4.8 x 0.8 mm	in connector axis	-	-		GSF2.2010.01

▌ Most Popular.

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

Packaging unit   50 Pcs

Mating Outlets/Connectors

Category / Description

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 GSF2	...

Interconnection Cord Overview complete

Cord Sets 10 A, Interconnection, 2.0 m, IEC H05VV-F3G1.0, black	6007.0204
Cord Sets 10 A, Interconnection, 1.0 m, Connector IEC C13, H05VV-F3G1.0, black	6007.0212
Cord Sets 10 A, Interconnection, 2.0 m, Connector IEC C13, H05VV-F3G1.0, black	6007.0214

Interconnection Cord further types to GSF2

Power Supply Cord Overview complete

Cord Sets 10 A, Europlug, 2.5 m, Connector IEC C13, H05VV-F3G1.0, black	6004.0215
Cord Sets 10 A, Europlug, 2.5 m, Connector IEC C13, H05VV-F3G1.0, black	6003.0215
Cord Sets 10 A, uninsulated wires, 2.0 m, Connector IEC C13, H05VV-F3G1.0, black	6000.0224
Cord Sets 10 A, uninsulated wires, 2.0 m, Connector IEC C13, H05VV-F3G1.0, black	6000.0214
Cord Sets 10 A, United Kingdom, 2.5 m, Connector IEC C13, H05VV-F3G1.0, black	6044.0215

Power Supply Cord further types to GSF2 ...

Power Supply or Interconnection Cord Overview complete

Cord Sets 10 A, United Kingdom, 2.0 m, Connector IEC H05VV-F3G1.0, black	6044.0204

Power Supply or Interconnection Cord further types to GSF2

Mating Outlets/Connectors shuttered

Power Cord Overview complete

VAC17KS, North America, V-Lock cord retaining, 3.0 m, Connector C17, SJT 2x18 AWG, black	3-101-794
VAC17KS, North America, V-Lock cord retaining, 2.0 m, Connector C17, SJT 2x18 AWG, black	6051.2801
VAC17KS, North America, V-Lock cord retaining, 2.0 m, Connector C17, SJT 2x18 AWG, white	6051.2811
VAC17KS, United Kingdom, V-Lock cord retaining, 2.0 m, Connector IEC C17, H05VV-F2G1, black	3-101-184
VAC17KS, Switzerland, V-Lock cord retaining, 2.0 m, Connector IEC C17, H05VV-F2G1, black	3-101-185

Power Cord further types to GSF2 ...

07.03.2017