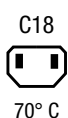


IEC Appliance Inlet C14 with Fuseholder 1- or 2-pole



Snap-in version



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.

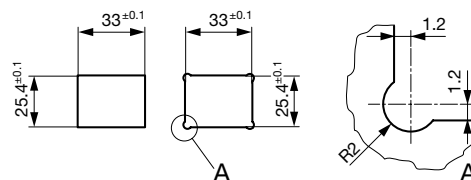
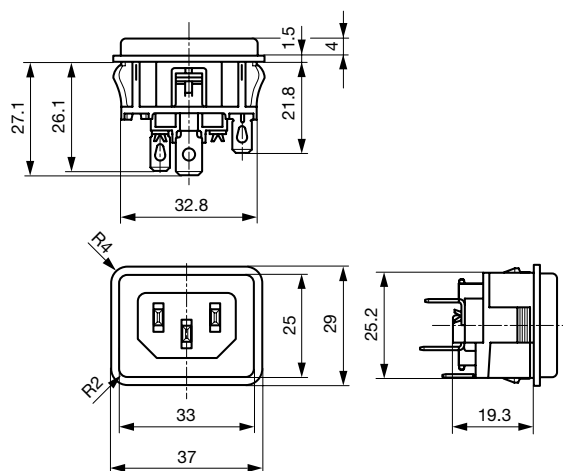
Technical Data

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 Temp.	-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, 10A, 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: 3.15W (1 pole)/ 2.5W (2-pole) per pole
Power Acceptance @ Ta > 23°C	Admissible power acceptance at higher ambient temperature see derating curves

Dimensions

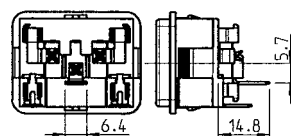
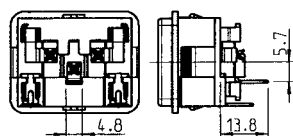
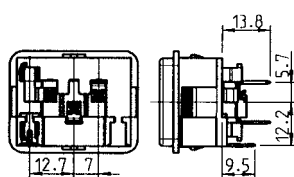
punched / drilled



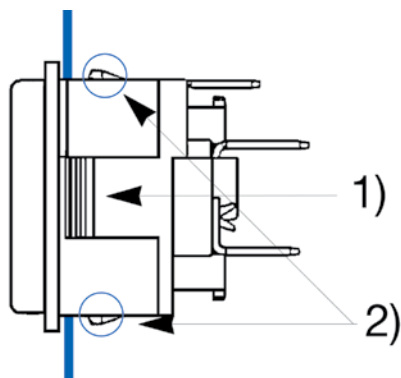
Line and neutral: Quick-connect
Quick connect terminal 4.8 x 0.8
mm

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

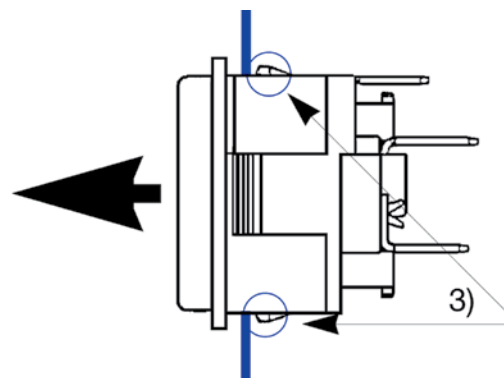
Ground terminal: Quick-connect
Quick connect terminal 6.3 x 0.8
mm



Assembly Instructions



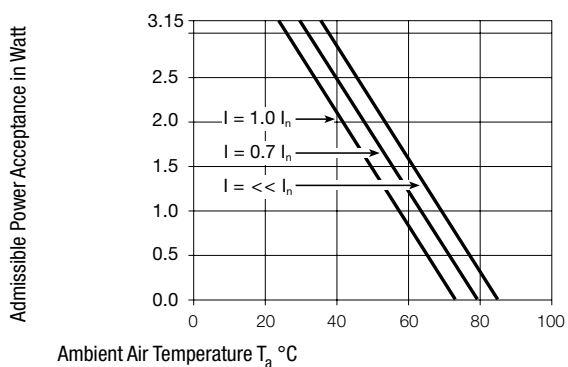
- 1) Main snappers for snap-in mounting
- 2) Additional safety snappers not in use



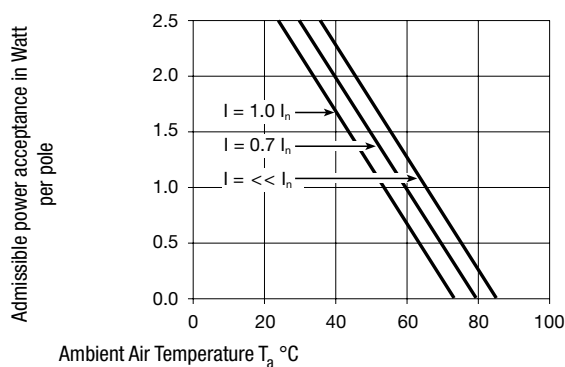
- 3) Additional safety snappers in use
against excessive pull out force

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/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](#)

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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

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Power Supply or Interconnection Cord Overview complete

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

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Mouser Electronics

Authorized Distributor

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

Schurter:

[GSF2.1011.01](#) [GSF2.2011.01](#) [GSF2.1013.01](#) [GSF2.1022.01](#) [GSF2.2010.01](#) [GSF2.2013.01](#) [GSF2.2035.01](#)