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

V-Lock

Screw-On Version

Snap-In Version

Pick & Place Version

C14

70° C

Description

- Panel Mount:
  Sandwich/rear-side
- 2 Functions:
  Appliance Inlet Protection class I, with or without Fuseholder for fuse-links 5 x 20 mm on the rear-side 1- or 2-pole
- For PCB mounting
- Pick and place version

Approvals

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

Characteristics

- PCB mount with snap-in or screw-on feet
  Suitable for automatic PCB assembling
- All single elements are already wired
- Fuseholder on the inside of the equipment prevents accidental use of incorrect fuse-links by the user
- With or without rear-side insulation cover
- Blister tray as optional packaging variant
- Suitable for use in equipment according to IEC/UL 60950

Other versions on request

- Ground terminal with quick-connect terminal 6,3 x 0,8 mm
- Ground terminal with solder terminal
- For protection class II

Weblinks

pdf-datasheet, html-datasheet, General Product Information, Approvals, CE declaration of conformity, RoHS, CHINA-RoHS, REACH, Mating Connectors, e-Shop, SCHURTER-Stock-Check, Distributor-Stock-Check, CAD-Drawings, Accessories, Detailed request for product

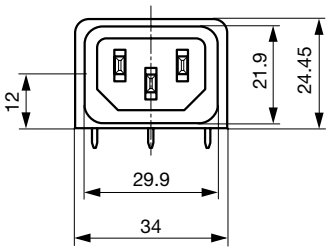
Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

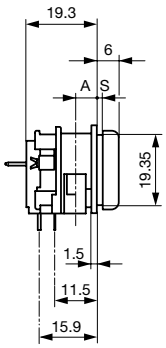
Technical Data

Ratings IEC	10 A / 250 VAC; 50 Hz
Ratings UL/CSA	10 A / 250 VAC; 60 Hz without fuseholder 16A (UL)
Dielectric Strength	> 3 kVAC between L-N > 4 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temp.	-25 °C to 70 °C
Degree of Protection	from front side IP 40 acc. to IEC 60529
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	For PCB mounting
Panel Thickness s	Snap-in: 1.5/2/2.5/3 mm
Material: Housing	Thermoplastic, black, UL 94V-0

Appliance Inlet	C14 acc. to IEC 60320, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I
Fuseholder	optional, 1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 mm
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

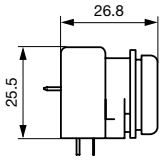
Dimensions

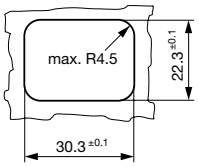




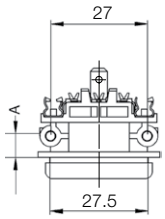
A = 6 mm for standard versions
A = 5 mm for pick and place versions
S = 0 mm for mounting from rear-side

with insulation cover

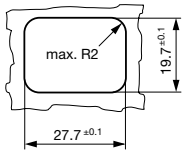




for mounting from rear-side



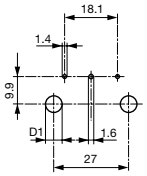
A = 6 mm for standard versions
A = 5 mm for pick and place versions



for sandwich mounting

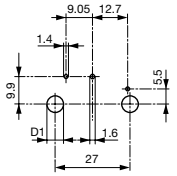
Drilling diagrams

without fuseholder



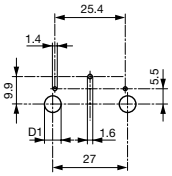
D1 for snap-in mounting = 6 ± 0.05
D1 for self-tapping screw = 3.6 ± 0.1

with 1-pole fuseholder



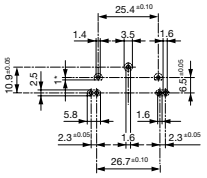
D1 for snap-in mounting = 6 ± 0.05
D1 for self-tapping screw = 3.6 ± 0.1

with 2-pole fuseholder



D1 for snap-in mounting = 6 ± 0.05
D1 for self-tapping screw = 3.6 ± 0.1

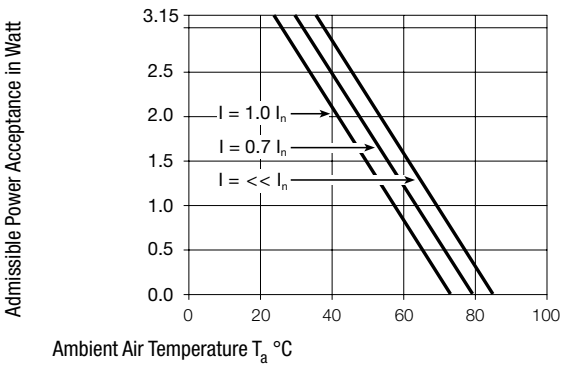
Pick and Place versions
without / with 1-pole or
2-pole fuseholder



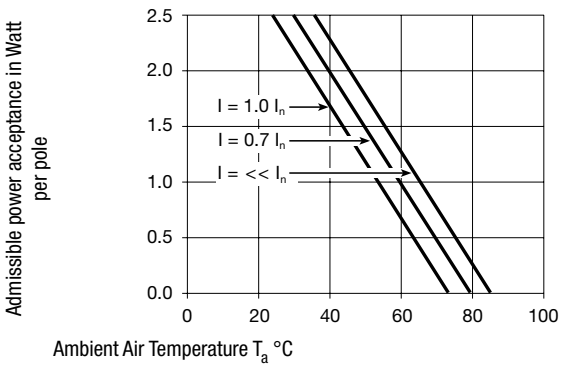
1* only for protection class II

Derating Curves

1-pole



2-pole



All Variants

Mounting side	Panel mounting	Panel Thickness s [mm]	Fuseholder	Ground terminal 4.8 x 0.8 mm	Ground terminal direction	Packaging	Order Number
Sandwich	Snap-in	1.5	-	●	angled to pin axis	-	GSF1.0202.31
Sandwich	Snap-in	1.5	-	●	straight	-	GSF1.0201.31
Sandwich	Snap-in	2	-	●	angled to pin axis	-	GSF1.0202.41
Sandwich	Snap-in	2	-	●	straight	-	GSF1.0201.41
Sandwich	Snap-in	2.5	-	●	angled to pin axis	-	GSF1.0202.51
Sandwich	Snap-in	2.5	-	●	straight	-	GSF1.0201.51
Sandwich	Snap-in	3	-	●	angled to pin axis	-	GSF1.0202.61
Sandwich	Snap-in	3	-	●	straight	-	GSF1.0201.61
Sandwich	Snap-in	1.5	1-pole	●	angled to pin axis	-	GSF1.1202.31
Sandwich	Snap-in	1.5	1-pole	●	straight	-	GSF1.1201.31
Sandwich	Snap-in	2	1-pole	●	angled to pin axis	-	GSF1.1202.41
Sandwich	Snap-in	2	1-pole	●	straight	-	GSF1.1201.41
Sandwich	Snap-in	2.5	1-pole	●	angled to pin axis	-	GSF1.1202.51
Sandwich	Snap-in	2.5	1-pole	●	straight	-	GSF1.1201.51
Sandwich	Snap-in	3	1-pole	●	angled to pin axis	-	GSF1.1202.61
Sandwich	Snap-in	3	1-pole	●	straight	-	GSF1.1201.61
Sandwich	Snap-in	1.5	2-pole	●	angled to pin axis	-	GSF1.2202.31
Sandwich	Snap-in	1.5	2-pole	●	straight	-	GSF1.2201.31
Sandwich	Snap-in	2	2-pole	●	angled to pin axis	-	GSF1.2202.41
Sandwich	Snap-in	2	2-pole	●	straight	-	GSF1.2201.41
Sandwich	Snap-in	2.5	2-pole	●	angled to pin axis	-	GSF1.2202.51
Sandwich	Snap-in	2.5	2-pole	●	straight	-	GSF1.2201.51
Sandwich	Snap-in	3	2-pole	●	straight	-	GSF1.2201.61
Sandwich	Screw	1.5	-	●	angled to pin axis	-	GSF1.0002.31
Sandwich	Screw	1.5	-	●	straight	-	GSF1.0001.31
Sandwich	Screw	2	-	●	angled to pin axis	-	GSF1.0002.41
Sandwich	Screw	2	-	●	straight	-	GSF1.0001.41
Sandwich	Screw	2.5	-	●	angled to pin axis	-	GSF1.0002.51
Sandwich	Screw	2.5	-	●	straight	-	GSF1.0001.51
Sandwich	Screw	3	-	●	angled to pin axis	-	GSF1.0002.61
Sandwich	Screw	3	-	●	straight	-	GSF1.0001.61
Sandwich	Screw	1.5	1-pole	●	angled to pin axis	-	GSF1.1002.31
Sandwich	Screw	1.5	1-pole	●	straight	-	GSF1.1001.31
Sandwich	Screw	2	1-pole	●	angled to pin axis	-	GSF1.1002.41
Sandwich	Screw	2	1-pole	●	straight	-	GSF1.1001.41
Sandwich	Screw	2.5	1-pole	●	angled to pin axis	-	GSF1.1002.51
Sandwich	Screw	2.5	1-pole	●	straight	-	GSF1.1001.51
Sandwich	Screw	3	1-pole	●	angled to pin axis	-	GSF1.1002.61
Sandwich	Screw	3	1-pole	●	straight	-	GSF1.1001.61
Sandwich	Screw	1.5	2-pole	●	angled to pin axis	-	GSF1.2002.31
Sandwich	Screw	1.5	2-pole	●	straight	-	GSF1.2001.31
Sandwich	Screw	2	2-pole	●	angled to pin axis	-	GSF1.2002.41
Sandwich	Screw	2	2-pole	●	straight	-	GSF1.2001.41
Sandwich	Screw	2.5	2-pole	●	angled to pin axis	-	GSF1.2002.51
Sandwich	Screw	2.5	2-pole	●	straight	-	GSF1.2001.51
Sandwich	Screw	3	2-pole	●	angled to pin axis	-	GSF1.2002.61
Sandwich	Screw	3	2-pole	●	straight	-	GSF1.2001.61
Rear Side	Snap-in	6	-	●	angled to pin axis	-	GSF1.0202.01
Rear Side	Snap-in	6	-	●	straight	-	GSF1.0201.01
Rear Side	Snap-in	6	1-pole	●	angled to pin axis	-	GSF1.1202.01
Rear Side	Snap-in	6	1-pole	●	straight	-	GSF1.1201.01
Rear Side	Snap-in	6	2-pole	●	angled to pin axis	-	GSF1.2202.01
Rear Side	Snap-in	6	2-pole	●	straight	-	GSF1.2201.01
Rear Side	Screw	6	-	●	angled to pin axis	-	GSF1.0002.01
Rear Side	Screw	6	-	●	straight	-	GSF1.0001.01

Mounting side	Panel mounting	Panel Thickness s [mm]	Fuseholder	Ground terminal 4.8 x 0.8 mm	Ground terminal direction	Packaging	Order Number
Rear Side	Screw	6	1-pole	●	angled to pin axis	-	GSF1.1002.01
Rear Side	Screw	6	1-pole	●	straight	-	GSF1.1001.01
Rear Side	Screw	6	2-pole	●	angled to pin axis	-	GSF1.2002.01
Rear Side	Screw	6	2-pole	●	straight	-	GSF1.2001.01
Rear Side	Metal snaps	6	-	●	angled to pin axis	Blister tray	GSF1.3402.01
Rear Side	Metal snaps	6	1-pole	●	angled to pin axis	Blister tray	GSF1.4402.01
Rear Side	Metal snaps	6	2-pole	●	angled to pin axis	Blister tray	GSF1.5402.01

Most Popular.

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

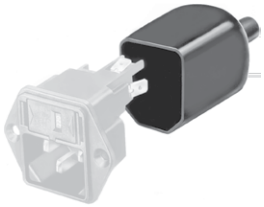
Insulation cover must be ordered separately. Order No. 0098.0078

Suffix ".21" corresponds to the version with 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.

Optional blister tray packaging 250 Pcs

Packaging unit 50 Pcs

Accessories



Description	
Assorted Covers Rear Cover	
	0098.0078

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 GSF1	

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 GSF1	...

Mating Outlets/Connectors shuttered

Power Cord Overview complete

VAC17KS, North America, 2.0 m, Connector C17, cord end:	6051.2801
VAC17KS, Europlug, 2.0 m, Connector IEC C17, cord end:	6051.2803
VAC17KS, Europlug, 2.0 m, Connector IEC C17, cord end:	6051.2813
VAC13KS, Overview, diverse Connector IEC C13, cord end:	VAC13KS

Power Cord further types to GSF1

24.08.2015

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments. Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability and test each product selected for their own applications.