

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



Screw-On Version



Snap-In Version



Pick & Place Version

**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 License Number: 40024857
- UL License Number: E93617, E96454
- CSA License Number: 38456

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 meets ESD requirements
- Qualified for use in equipment according IEC/EN 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

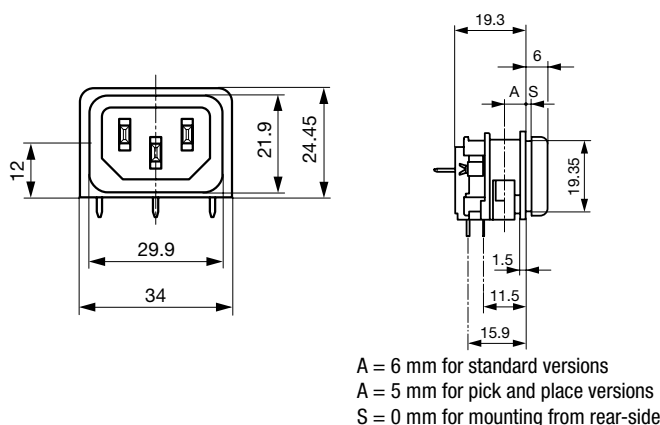
Weblinks

[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [e-Store](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#)

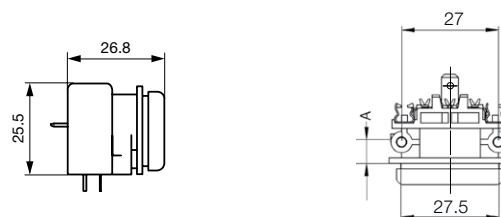
Technical Data

Ratings IEC	10A / 250VAC; 50Hz
Ratings UL/CSA	10A / 250VAC; 60Hz
Dielectric Strength	> 3kVAC between L-N > 4kVAC between L/N-PE (1 min/50Hz)
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/-Outlet	C14 acc. to IEC/EN 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A, 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: 3.15W (1 pole)/ 2.5W (2-pole) per pole
Power Acceptance @ Ta > 23°C	Admissible power acceptance at higher ambient temperature see derating curves

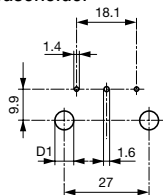
Dimensions

with insulation cover



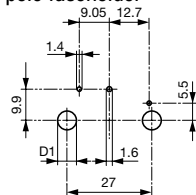
Drilling diagrams

without fuseholder



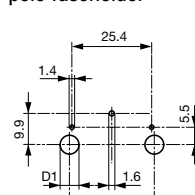
d1 for snap-in mounting = 6 ± 0.05
 d1 for self-tapping screw = 3.6 ± 0.1

with 1-pole fuseholder



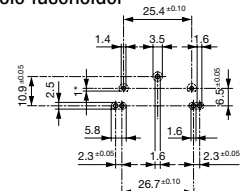
d1 for snap-in mounting = 6 ± 0.05
 d1 for self-tapping screw = 3.6 ± 0.1

with 2-pole fuseholder



d1 for snap-in mounting = 6 ± 0.05
 d1 for self-tapping screw = 3.6 ± 0.1

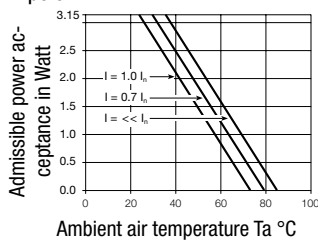
Pick and Place versions
 without / with 1-pole or
 2-pole fuseholder



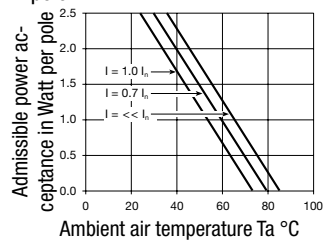
1* only for protection class II

Derating Curves

1-pole



2-pole



Variants

[Distributor-Stock-Check](#) | [SCHURTER-Stock-Check](#) | [e-Store](#)

Mounting side	Panel mounting	Panel Thickness s [mm]	Fuseholder	Ground terminal 4.8 x 0.8 mm	Ground terminal direction	Packaging	Order Number
Sandwich	Screw-on	1.5	-	●	angled to pin axis	-	GSF1.0002.31
Sandwich	Screw-on	1.5	-	●	straight	-	GSF1.0001.31
Sandwich	Screw-on	2	-	●	angled to pin axis	-	GSF1.0002.41
Sandwich	Screw-on	2	-	●	straight	-	GSF1.0001.41
Sandwich	Screw-on	2.5	-	●	angled to pin axis	-	GSF1.0002.51
Sandwich	Screw-on	2.5	-	●	straight	-	GSF1.0001.51
Sandwich	Screw-on	3	-	●	angled to pin axis	-	GSF1.0002.61
Sandwich	Screw-on	3	-	●	straight	-	GSF1.0001.61
Sandwich	Screw-on	1.5	1 pole	●	angled to pin axis	-	GSF1.1002.31
Sandwich	Screw-on	1.5	1 pole	●	straight	-	GSF1.1001.31
Sandwich	Screw-on	2	1 pole	●	angled to pin axis	-	GSF1.1002.41
Sandwich	Screw-on	2	1 pole	●	straight	-	GSF1.1001.41
Sandwich	Screw-on	2.5	1 pole	●	angled to pin axis	-	GSF1.1002.51
Sandwich	Screw-on	2.5	1 pole	●	straight	-	GSF1.1001.51
Sandwich	Screw-on	3	1 pole	●	angled to pin axis	-	GSF1.1002.61
Sandwich	Screw-on	3	1 pole	●	straight	-	GSF1.1001.61
Sandwich	Screw-on	1.5	2-pole	●	angled to pin axis	-	GSF1.2002.31
Sandwich	Screw-on	1.5	2-pole	●	straight	-	GSF1.2001.31
Sandwich	Screw-on	2	2-pole	●	angled to pin axis	-	GSF1.2002.41

Mounting side	Panel mounting	Panel Thickness s [mm]	Fuseholder	Ground terminal 4.8 x 0.8 mm	Ground terminal direction	Packaging	Order Number
Sandwich	Screw-on	2	2-pole	●	straight	-	GSF1.2001.41
Sandwich	Screw-on	2.5	2-pole	●	angled to pin axis	-	GSF1.2002.51
Sandwich	Screw-on	2.5	2-pole	●	straight	-	GSF1.2001.51
Sandwich	Screw-on	3	2-pole	●	angled to pin axis	-	GSF1.2002.61
Sandwich	Screw-on	3	2-pole	●	straight	-	GSF1.2001.61
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	●	angled to pin axis	-	GSF1.2202.61
Sandwich	Snap-in	3	2-pole	●	straight	-	GSF1.2201.61
Rear-Side	Screw-on	6	-	●	angled to pin axis	-	GSF1.0002.01
Rear-Side	Screw-on	6	-	●	straight	-	GSF1.0001.01
Rear-Side	Screw-on	6	1 pole	●	angled to pin axis	-	GSF1.1002.01
Rear-Side	Screw-on	6	1 pole	●	straight	-	GSF1.1001.01
Rear-Side	Screw-on	6	2-pole	●	angled to pin axis	-	GSF1.2002.01
Rear-Side	Screw-on	6	2-pole	●	straight	-	GSF1.2001.01
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	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

Insulation cover must be ordered separately. Order No. 0098.0078

Packaging unit 50 Pcs

Accessory

Description



Assorted Covers
Rear Cover

0098.0078

Mating Outlets/Connectors

Category / Description

Appliance Outlet



IEC appliance outlet F, screw-on mounting, front side, solder /quick connect terminal	4787
IEC appliance outlet F, screw-on mounting, front side, solder /quick connect terminal	4788
IEC appliance outlet F oder H, screw-on mounting, front side, solder/PCB/quick connect terminal	5091
IEC appliance outlet F oder H, screw-on mounting, front side, solder/quick connect terminal	5092

Connector



IEC cord connector C15, rewirable, straight	0101
IEC cord connector C15A, rewirable, straight	0102
IEC cord connector C15A, rewirable, straight	0102-G
IEC cord connector C15A, rewirable, angled	0112
IEC cord connector C13, rewirable, angled	4012
IEC cord connector C13, rewirable, angled	4013
IEC cord connector C13, rewirable, straight	4020
IEC cord connector C13, rewirable, straight	4021
IEC cord connector C13, rewirable, straight	4022
IEC cord connector C13, rewirable, angled	4300-06

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Power Supply or Interconnection Cord



Power Cord with IEC Appliance Connector C13, angled, 70°C	0311
Power Cord with IEC Appliance Connector C13, angled, 70°C	3011
Power Cord with IEC Appliance Connector C13, angled, 70°C	3012
Power Cord with IEC Appliance Connector C13, angled, 70°C	3013
Power Cord with IEC Appliance Connector C13, 70°C	3020
Power Cord with IEC Appliance Connector C13, straight, 70°C	3027
Power Cord with IEC Appliance Connector C13, straight, 70°C	302U
Power Cord with IEC Appliance Connector C13, straight, 70°C	3030
Power Cord with IEC Appliance Connector C13, angled, 70°C	311L
Power Cord with IEC Appliance Connector C13, angled, 70°C	312L

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