

IEC Appliance Inlet 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 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](#)

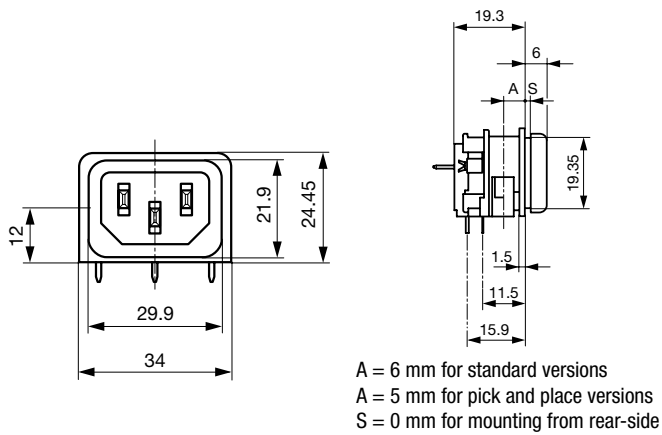
Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Technical Data

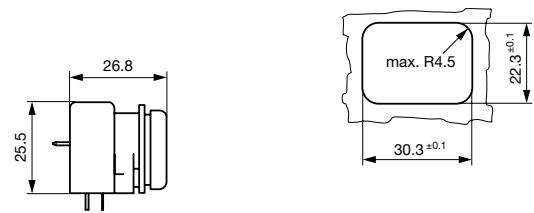
Ratings IEC	10A / 250VAC; 50Hz
Ratings UL/CSA	10A / 250VAC; 60Hz
	without fuseholder 16A (UL)
Dielectric Strength	> 3 kVAC between L-N > 4 kVAC between L/N-PE (1 min/50Hz)
Allowable Operation Temp.	-25 °C to 70 °C
Degree of Protection	from front side IP 40 acc. to IEC 60529
Protection Class	Suitable 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	C14 acc. to IEC 60320, 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

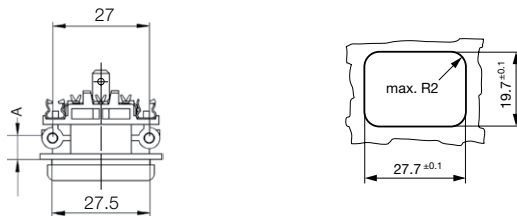
Dimensions



with insulation cover



for mounting from rear-side

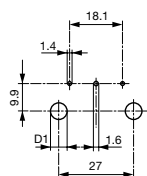


A = 6 mm for standard versions
A = 5 mm for pick and place versions

for sandwich mounting

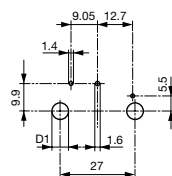
Drilling diagrams

without fuseholder



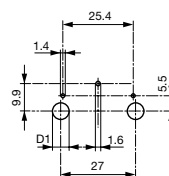
D1 for snap-in mounting = 6 ± 0.05
D1 for self-tapping screw = 3.6 ± 0.1

with 1-pole fuseholder



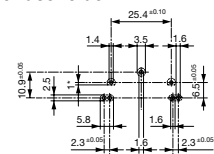
D1 for snap-in mounting = 6 ± 0.05
D1 for self-tapping screw = 3.6 ± 0.1

with 2-pole fuseholder



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

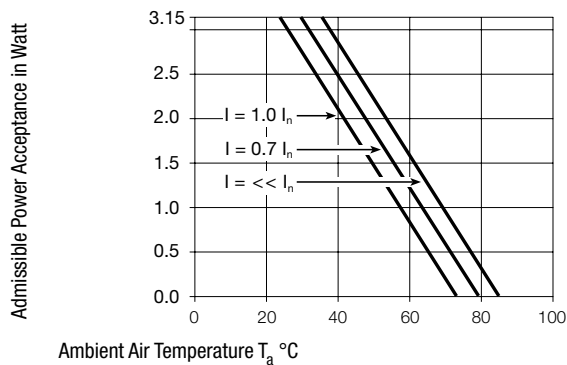
Pick and Place versions
without / with 1-pole or
2-pole fuseholder



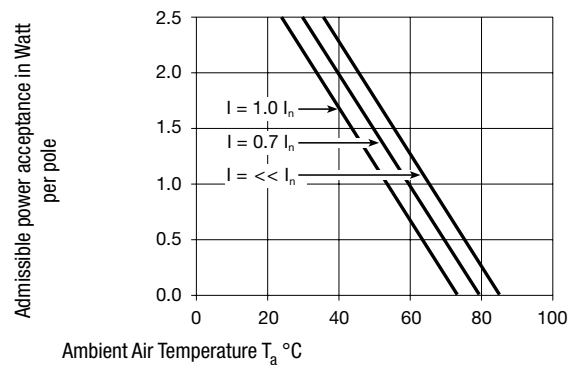
1* only for protection class II

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

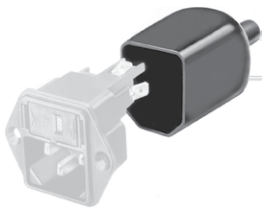
Suffix ".21" corresponds to the version with V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

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](#)

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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](#)