

IEC Appliance Inlet C18, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal



6102-5

**Description**

- Panel Mount:
Snap-in version from front side
- 1 Function:
- Appliance Inlet, Pin temperature 70 °C, Protection class II
- Solder terminals or quick connect terminals

Approvals

- VDE Certificate Number: 40015595
- UL File Number: E96454

Other versions on request

- Other panel thickness
- Types for enhanced glow wire test requirements acc. IEC 60695-2-12 and -13 for the use in unattended household equipment acc. IEC 60335-1

References

Alternative: Version in protection class I 6100-4

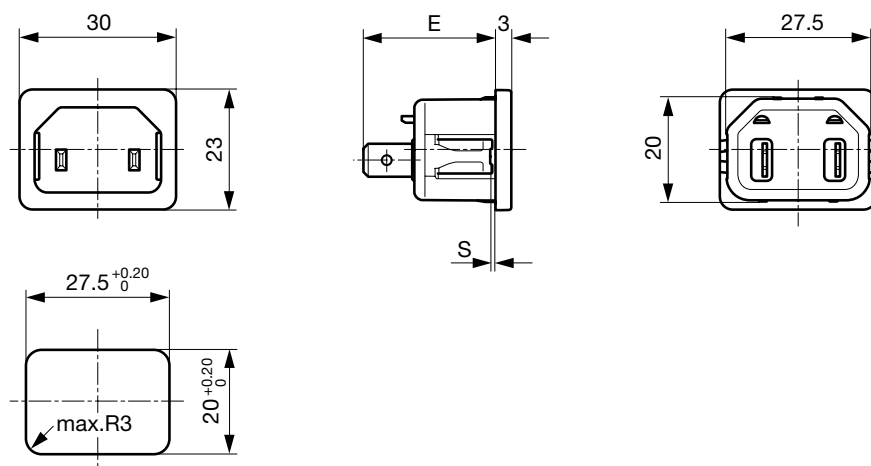
Weblinks

[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Mounting instruction](#), [Detailed request for product](#)

Technical Data

Ratings IEC	10 A / 250 VAC; 50 Hz
Ratings UL/CSA	15 A / 250 VAC; 60 Hz
Dielectric Strength	> 2 kVAC between L-N (1 min/50 Hz)
Allowable Operation Temp.	-25 °C to 70 °C
Degree of Protection	from front side IP 30 acc. to IEC 60529
Protection Class	Suitable for appliances with protection class II acc. to IEC 61140
Terminal	Solder terminals or quick connect terminals
Panel Thickness s	Snap-in: 1/1.2/1.5/2/2.5/3 mm
Material: Housing	Thermoplastic, black, UL 94V-0

Appliance Inlet	C18 acc. to IEC 60320, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class II
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Dimensions

E: Solder terminals 22.5 mm
E: Quick connect terminals 25.5 mm
S: 1.0; 1.2; 1.5; 2.0; 2.5; 3.0 mm

Variants

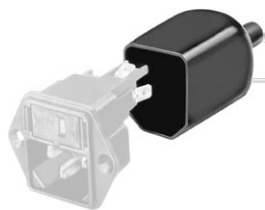
Type	Protection Class	Panel mounting	Panel Thicknesss [mm]	Terminal	Order Number
6102-5	II	Snap-in	1.5	Quick connect terminals 4.8 x 0.8 mm	6102.5215
6102-5	II	Snap-in	2	Quick connect terminals 4.8 x 0.8 mm	6102.5220
6102-5	II	Snap-in	2.5	Quick connect terminals 4.8 x 0.8 mm	6102.5225
6102-5	II	Snap-in	3	Quick connect terminals 4.8 x 0.8 mm	6102.5230
6102-5	II	Snap-in	1	Quick connect terminals 6.3 x 0.8 mm	6102.5310
6102-5	II	Snap-in	1.2	Quick connect terminals 6.3 x 0.8 mm	6102.5312
6102-5	II	Snap-in	1.5	Quick connect terminals 6.3 x 0.8 mm	6102.5315
6102-5	II	Snap-in	2	Quick connect terminals 6.3 x 0.8 mm	6102.5320
6102-5	II	Snap-in	2.5	Quick connect terminals 6.3 x 0.8 mm	6102.5325
6102-5	II	Snap-in	3	Quick connect terminals 6.3 x 0.8 mm	6102.5330
6102-5	II	Snap-in	1	Solder terminals 3.8 x 0.8 mm	6102.5110
6102-5	II	Snap-in	1.2	Solder terminals 3.8 x 0.8 mm	6102.5112
6102-5	II	Snap-in	1.5	Solder terminals 3.8 x 0.8 mm	6102.5115
6102-5	II	Snap-in	2.5	Solder terminals 3.8 x 0.8 mm	6102.5125
6102-5	II	Snap-in	3	Solder terminals 3.8 x 0.8 mm	6102.5130

Articles for enhanced glow wire test requirements acc. IEC 60695-2-12 and -13 can be ordered with ending ".15" (xxxx.xxxx.15). They are suitable for the use in unattended household equipment acc. IEC 60335-1.

Packaging unit 50 Pcs

Accessories

Description



Assorted Covers
Rear Cover



Cord retaining kits
Cord retaining strain relief

Mating Outlets/Connectors

Category / Description

Connector Overview complete



IEC Connector C15A, Rewireable, Straight	0102
IEC Connector C15A, Rewireable, Straight	0102-G
IEC Connector C15A, Rewireable, Angled	0112
IEC Connector C13, Rewireable, Angled	4012
IEC Connector C13, Rewireable, Straight	4022
Connector further types to 6102-5	...



Power Supply or Interconnection Cord Overview complete

Diverse Power Supply and Interconnection Cords 10 A

Cord Sets 10 A

Power Supply or Interconnection Cord further types to 6102-5