

IEC Appliance Inlet C14, Screw-on Mounting, Front or Rear Side, Solder or Quick-connect Terminal



6100-3

**Description**

- Panel Mount:
Screw-on mounting from front or rear-side
- 1 Function:
- Appliance Inlet, Pin temperature 70 °C, Protection class I
- Variant with protection degree IP54 to the equipment and power connector
- Solder terminals or quick connect terminals

Approvals

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

Other versions on request

- Types for rivet mounting available upon request
- 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: protection class II version 6102-3

Weblinks

[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Wire Harness](#), [Detailed request for product](#)

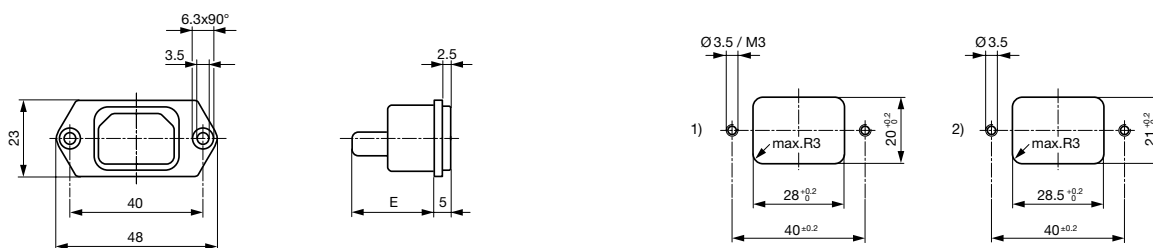
Technical Data

Ratings IEC	10A / 250VAC; 50Hz
Ratings UL/CSA	15A / 250VAC; 60Hz
Dielectric Strength	> 2 kVAC between L-N > 2 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	Solder terminals or quick connect terminals
Panel Thickness s	Screw: max 8 mm Mounting screw torque max 0.5Nm
Material: Housing	Thermoplastic, black, UL 94V-0

Appliance Inlet	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
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Dimensions

6100-3 (6102-3)



E: Solder terminals 20.5 mm
E: Quick connect terminals 23.5 mm

1) mounting from front-side
2) mounting from rear-side

Variants

Type	Protection Class	Panel mounting	Panel Thickness s [mm]	Terminal	IP Protection Class Front Side	Order Number
6100-3	I	Screw	-	Quick connect terminals 4.8 x 0.8 mm	IP 40	6100.3200
6100-3	I	Screw	-	Quick connect terminals 4.8 x 0.8 mm	IP 54	6100.3200.33
6100-3	I	Screw	-	Quick connect terminals 6.3 x 0.8 mm	IP 40	6100.3300
6100-3	I	Screw	-	Quick connect terminals 6.3 x 0.8 mm	IP 54	6100.3300.33
6100-3	I	Screw	-	Solder terminals 3.5 x 0.8 mm	IP 40	6100.3100
6100-3	I	Screw	-	Solder terminals 3.5 x 0.8 mm	IP 54	6100.3100.33

The variants IP54 (6100.xxxx.33) include a sealing kit for IP protection to the equipment and for the power connector incl. a cord retaining for a specific cord connector.

The sealing to the appliance on its own (no protection of power input) is available as accessory (sealing kit): 0098.0103.

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



Sealing Kit
Sealing for Appliance Inlets



Assorted Covers
Rear Cover



Wire Harness
Wire harness for SCHURTER products



Cord retaining kits
Cord retaining strain relief

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
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder or Quick-connect Terminal	5092

[Appliance Outlet further types to 6100-3](#)

[Connector Overview complete](#)

IEC Connector C15, Rewireable, Straight	0101
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

[Connector further types to 6100-3](#)

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[Power Cord Overview complete](#)

Power Cord with IEC Connector C13, Angled	0311
Power Cord with IEC Connector C13, Angled	3011
Power Cord with IEC Connector C13, Angled	3012
Power Cord with IEC Connector C13, Angled	3013
Power Cord with IEC Connector C13	3020

[Power Cord further types to 6100-3](#)

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[Power Supply or Interconnection Cord Overview complete](#)

Diverse Power Supply and Interconnection Cords 10 A	Cord Sets 10 A
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[Power Supply or Interconnection Cord further types to 6100-3](#)