

IEC Appliance Inlet C16A, Screw-on Mounting, Front or Rear Side, Solder or Quick-connect Terminal



6120-3

C16 A



155 °C

**Description**

- Panel Mount:
Screw-on mounting from front or rear-side
- Appliance Inlet, Pin temperature 155 °C, Protection class I
- Solder terminals or quick connect terminals

Approvals

- VDE License Number: 40015595
- UL License Number: E96454

Other versions on request

- Quick-connect terminals 4.8 x 0.8 mm
- Sealing (IP54) of appliance and power input
- Types for enhanced glow wire test requirements acc. IEC 60695-2-11 to -13 for the use in unattended household equipment acc. IEC 60335-1

References

[General Product Information](#)

Weblinks

[Approvals, RoHS, CHINA-RoHS, Mating Connectors, e-Store, Distributor-Stock-Check, Accessories](#)

Technical Data

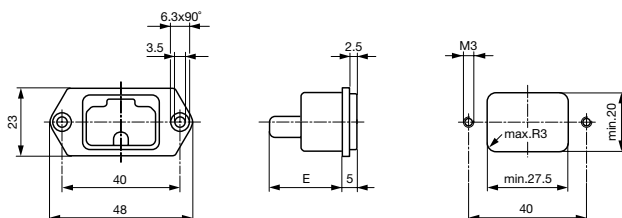
Ratings IEC	10A / 250VAC; 50Hz
Ratings UL/CSA	15A / 250VAC; 60Hz
Dielectric Strength	> 2 kVAC between L-N > 2 kVAC between L/N-PE (1 min/50Hz)
Allowable Operation Temp.	-25 °C to 155 °C
Degree of Protection	from front side IP 40 acc. to IEC 60529
Protection Class	Suitable for appliances with protection class 1 acc. to IEC 61140
Terminal	Solder terminals or quick connect terminals
Panel Thickness s	Screw: max 8 mm Mounting screw torque max 0.5 Nm
Material: Housing	Thermoplastic, black, UL 94V-0

Appliance Inlet	C16A acc. to IEC/EN 60320-1, UL 498, CSA C22.2 no. 42 (for very hot conditions) pin-temperature 155 °C, 10A, Protection Class 1
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Dimensions

6120-3

48 mm



E: Solder terminals: 22.5 mm

E: Quick connect terminals: 25.5 mm

Variants

Type	Panel mounting	Panel Thickness s [mm]	Terminal	Order Number
6120-3	Screw	-	Quick connect terminals 4.8 x 0.8 mm	6120.3200
6120-3	Screw	-	Quick connect terminals 6.3 x 0.8 mm	6120.3300
6120-3	Screw	-	Solder terminals 3.8 x 0.8 mm	6120.3100

Option with IP54 sealing protects from entering fluids and dust into the appliance and the power input. This option can be ordered with ending ".30" (61xx.xxxx.30).

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

Articles for enhanced glow wire test requirements acc. IEC 60695-2-11 to -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

IP 54

0098.0103

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

[Connector further types to 6120-3](#)