IEC Appliance Inlet C18 with Fuseholder 1-pole



C18

70° C

Description
- Panel Mount:
  Screw-on mounting from front or rear-side
- 2 Functions:
  Appliance Inlet Protection class II, Fuseholder for fuse-links 5 x 20 mm
  1-pole
- Solder terminals or quick connect terminals Alternative: Version in protection class I 6200

Approvals
- VDE License Number: 40011091
- UL License Number: E93617
- CSA License Number: 32338

Characteristics
- All single elements are already wired
- Plug removal necessary for fuse-link replacement
  The fuseholder is accessible from the equipment front
  With spare fuse compartment
- Qualified for use in equipment according IEC/EN 60950

Other versions on request
- Types for rivet mounting available upon request

References
General Product Information

Weblinks
Approvals, RoHS, CHINA-RoHS, Mating Connectors, e-Store, Distributor-Stock-Check, Accessories

Technical Data

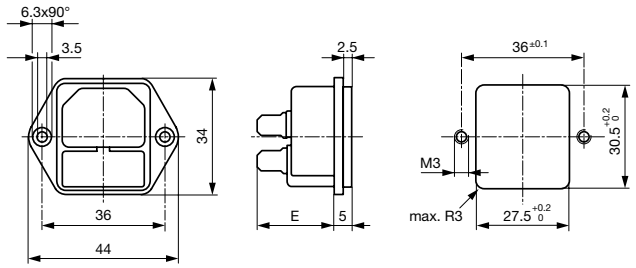
Ratings IEC	10 A / 250 VAC; 50 Hz
Ratings UL/CSA	10 A / 250 VAC; 60 Hz
Dielectric Strength	> 4 kVAC between L-N (1 min/50 Hz)
Allowable Operation Temp.	-25 °C to 70 °C
Degree of Protection	from front side IP 40 acc. to IEC 60529
Protection Class	Suitable for appliances with protection class 2 acc. to IEC 61140
Terminal	Solder terminals or quick connect terminals , tin-plated
Panel Thickness s	Screw: max 6 mm Mounting screw torque max 0.5 Nm
Material: Housing	Thermoplastic, black, UL 94V-0

Appliance Inlet	C18 acc. to IEC/EN 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class 2
Fuseholder	1-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: 2 W (1 pole)
Power Acceptance @ Ta > 23°C	Admissible power acceptance at higher ambient temperature see derating curves

Dimensions

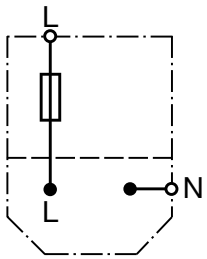
44 mm

Screw on PCB mounting



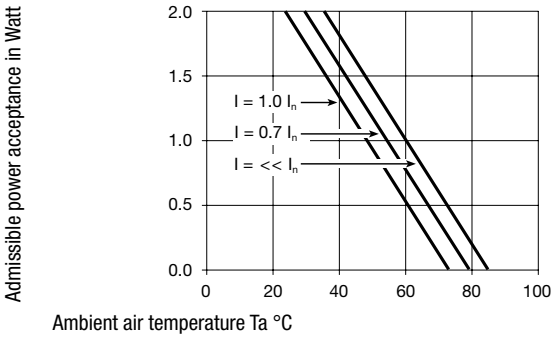
E: Solder terminals 20.5 mm
E: Quick connect terminals 23.5 mm

Diagrams

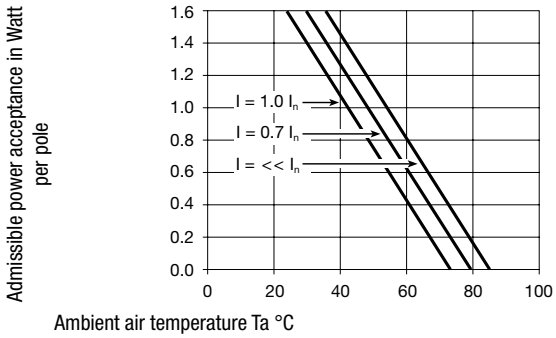


Derating Curves

1-pole



2-pole



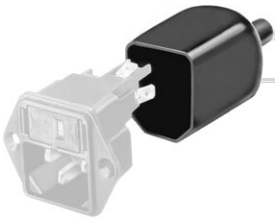
Variants

Socket and fuse-carrier included

Protection Class	Panel mounting	Panel Thickness s [mm]	Fuseholder	Terminal	Internally wired	Order Number
2	Screw	-	1-pole	Quick connect terminals 4.8 x 0.8 mm		6202.2200
2	Screw	-	1-pole	Quick connect terminals 6.3 x 0.8 mm		6202.2300
2	Screw	-	1-pole	Solder terminals 3.8 x 0.8 mm		6202.2100

Packaging unit 50 Pcs

Accessories



Description	
Assorted Covers	
Rear Cover	
	0859.0047
	4311.9403

Mating Outlets/Connectors



Category / Description	
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 6202	...



Power Cord Overview complete

Power Cord with IEC Connector C17, Angled	0301
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 further types to 6202	...

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments.