

IEC Connector C19, Rewireable, Straight



C19



70° C



Description

- Connector:
Screwing cable terminal,
- 1 Function:
Pin temperature 70 °C, Protection class I
- Cable diameter max. 13.0 mm
- For max. wire size 12AWG / 2.5 mm²
- Note: cable guard has to be ordered separately, mating cable guards please find under accessories

Approvals

- VDE Certificate Number: 40036952
- UL File Number: E103791
- CSA File Number: 027324

Characteristics

- Suitable for use in equipment according to IEC/UL 60950

Weblinks

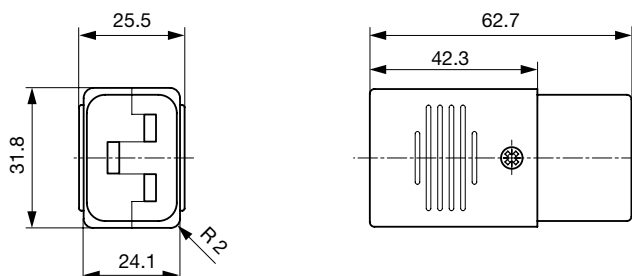
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Detailed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

Technical Data

Ratings IEC	16 A / 250 VAC; 50 Hz
Ratings UL/CSA	21 A / 125/250 VAC; 60 Hz
Dielectric Strength	> 3 kVAC between L-N > 1.5 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temp.	-25 °C to 70 °C
Degree of Protection	from front side IP 20 acc. to IEC 60529
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Screw clamps
Material: Housing	PA6, black, UL 94V-0

Connector	C19 acc. to IEC 60320 UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 16 A, Protection Class I
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Dimensions



All Variants

Color	Max. cable diameter	Max. wire size	Order Number
black	13 mm	3 x 2.5 mm ² / 3 x 12 AWG	4310.0005

Most Popular.

Availability for all products can be searched real-time: <http://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

Max. torque for screws: Terminals: 0.8 Nm, Cable clamps: 0.4 Nm, Cover: 0.5 Nm

Packaging unit 50 Pcs

Accessories

Description



Cable Guard KT14
PVC Cable Guard for rewireable connectors

Mating Inlets/Plugs

Category / Description

[Appliance Inlet Overview complete](#)



IEC Appliance Inlet C20, Screw-on Mounting, Rear Side, PCB Terminal	1601
IEC Appliance Inlet C20, Screw-on Mounting, Front Side, Solder or Quick-connect Terminal	4798
IEC Appliance Inlet C20, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal	4793
IEC Appliance Inlet C24, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal	4794
IEC Appliance Inlet C20, Screw-on Mounting, Front Side, Solder, Quick-connect or Screw Terminal	1621

[Appliance Inlet further types to 0104U](#)



[Appliance inlets/-outlets Overview complete](#)

Plug Coupler IEC C20 / IEC J, Screw-on Mounting	4730
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[Appliance inlets/-outlets further types to 0104U](#)



[Plug Overview complete](#)

IEC Plug I, Cord Connector (Rewireable), Straight	4796
IEC Plug I, Cord Connector (Rewireable), Angled	4789

[Plug further types to 0104U](#)



[Power Entry Module Overview complete](#)

IEC Appliance Inlet C20 with Line Switch, 2-pole	EC11
IEC Appliance Inlet C20 with Circuit Breaker TA35 1-pole	6136
IEC Appliance Inlet C20 with Circuit Breaker TA45	EF11

[Power Entry Module further types to 0104U](#)

Category / Description



Power Entry Module with line filter Overview complete

IEC Appliance Inlet C20 with Filter, Line Switch 2-pole	EC12
IEC Appliance Inlet C20 with Filter, Circuit Breaker TA45 (recessed)	EF12
IEC Appliance Inlet C20 with Filter, ECO design, front or rear side Mounting	5130
IEC Appliance Inlet C20 with Filter, Front or Rear Side Mounting	C20F
IEC Appliance Inlet C22 for Hot Conditions, with Filter for High Temperatures, Front Side Mounting	C22F

[Power Entry Module with line filter further types to 0104U](#)