IEC Appliance Inlet C20 with Line Switch, 1- or 2-pole





Snap-In Version or Screw-On Version
illuminated version

C20

70° C

Description
- Panel Mount:
  Screw-on version from front or rear side, snap-in version from front side
- 2 Functions:
  Appliance Inlet Protection class I, Line Switch 2-pole
- Quick connect terminals 6.3 x 0.8 mm
- Alternative: version with line filter EC12

Approvals
- VDE License Number: 40001031
- UL License Number: E96454

Characteristics
- All single elements are already wired
  Unwired versions available on request
- Line switch non-illuminated or illuminated
- Ideal for application with high transient loads
- Qualified for use in equipment according IEC/EN 60950

Other versions on request
- Unwired versions
- Line switch with other rocker marking
- For protection class II

References
General Product Information

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

Technical Data

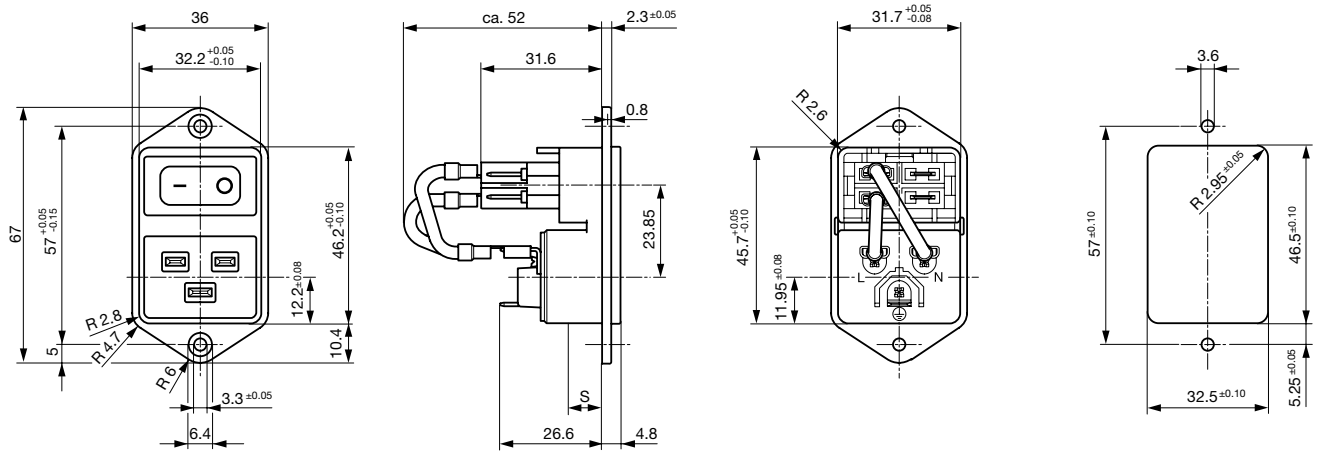
Ratings IEC	16 A / 250 VAC; 50 Hz
Ratings UL/CSA	20 A / 250 VAC; 60 Hz
Dielectric Strength	> 2.5 kVAC between L-N > 3 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temp.	-25 °C to 70 °C
Degree of Protection	from front side IP 40 acc. to IEC 60529
Protection Class	Suitable for appliances with protection class 1 acc. to IEC 61140
Terminal	Quick connect terminals 6.3 x 0.8 mm
Panel Thickness s	Screw: max 8 mm Mounting screw torque max 0.5 Nm Snap-in: 1.5/2/2.5 mm
Material: Housing	Thermoplastic, black, UL 94V-0

Appliance Inlet	C20 acc. to IEC/EN 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 16 A, Protection Class 1
Line Switch	Rocker switch 2-pole, non-illuminated or illuminated, acc. to IEC 61058-1 Technical details

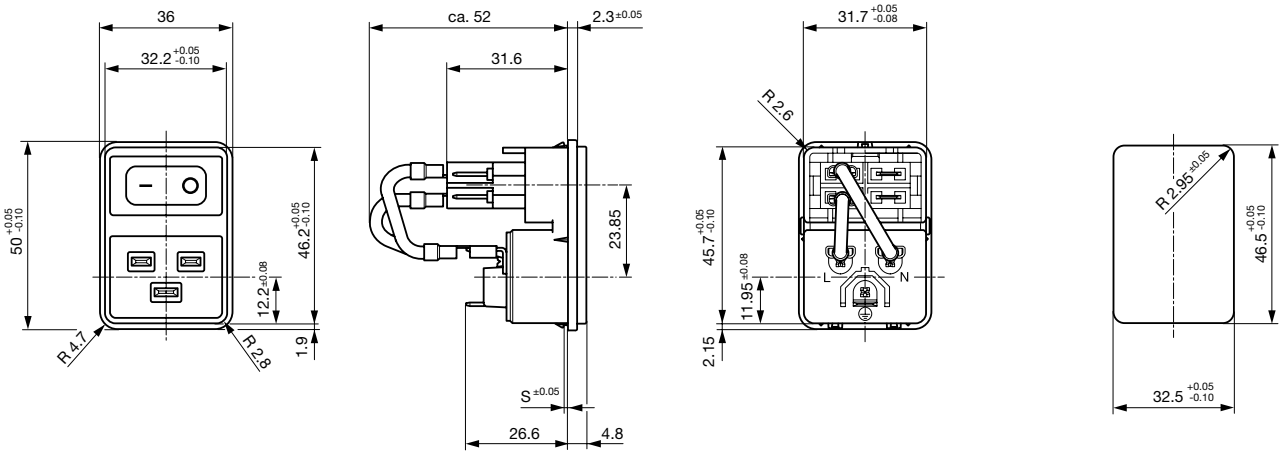
Dimensions

67 mm

Screw on PCB mounting

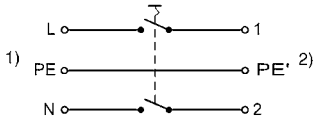


Snap-in mounting



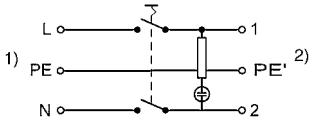
Diagrams

Line switch non-illuminated



1) Line
2) Load

Line switch illuminated



1) Line
2) Load

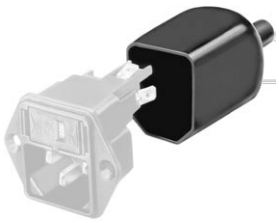
Variants

with internal connections

Panel mounting	Panel Thickness s [mm]	Illumination	Color	Internally wired	Order Number
Screw	-		-		EC11.0001.002
Screw	-	●	red	●	EC11.0021.001
Screw	-	●	red		EC11.0021.002
Screw	-	●	green	●	EC11.0031.001
Screw	-	●	green		EC11.0031.002
Screw	6		-	●	EC11.0001.001
Snap-in	1.5		-	●	EC11.0001.201
Snap-in	1.5		-		EC11.0001.202
Snap-in	1.5	●	red	●	EC11.0021.201
Snap-in	1.5	●	red		EC11.0021.202
Snap-in	1.5	●	green	●	EC11.0031.201
Snap-in	1.5	●	green		EC11.0031.202
Snap-in	2		-	●	EC11.0001.301
Snap-in	2		-		EC11.0001.302
Snap-in	2	●	red	●	EC11.0021.301
Snap-in	2	●	red		EC11.0021.302
Snap-in	2	●	green	●	EC11.0031.301
Snap-in	2	●	green		EC11.0031.302
Snap-in	2.5		-	●	EC11.0001.401
Snap-in	2.5		-		EC11.0001.402
Snap-in	2.5	●	red	●	EC11.0021.401
Snap-in	2.5	●	red		EC11.0021.402
Snap-in	2.5	●	green	●	EC11.0031.401
Snap-in	2.5	●	green		EC11.0031.402

Packaging unit 25 Pcs

Accessories



Description	
Assorted Covers Rear Cover	
	0859.0076



Cord retaining kits Cord retaining strain relief	
Flat head, Z	0888.0021
Flat head, H	4700.0008

Mating Outlets/Connectors



Category / Description

Connector Overview complete

IEC Connector C19, Rewireable, Straight	0104
IEC Connector C19, Rewireable, Angled	1651
IEC Connector C19, Rewireable, Straight	1652
IEC Connector C19, Rewireable, Angled	4790
IEC Connector C19, Rewireable, Straight	4795

Connector further types to EC11



Power Cord Overview complete

Power Cord with IEC Connector C19, Straight	1654

Power Cord further types to EC11



Power Supply or Interconnection Cord Overview complete

Divers Power Supply and Interconnection Cords 10 A	4300.0920
Divers Power Supply and Interconnection Cords 16 A	6003.0395
Divers Power Supply and Interconnection Cords 16 A	6009.5195

Power Supply or Interconnection Cord further types to EC11

SCHURTER ELECTRONIC COMPONENTS

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