

IEC Appliance Coupler 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

Weblinks

[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [e-Store](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#)

Technical Data

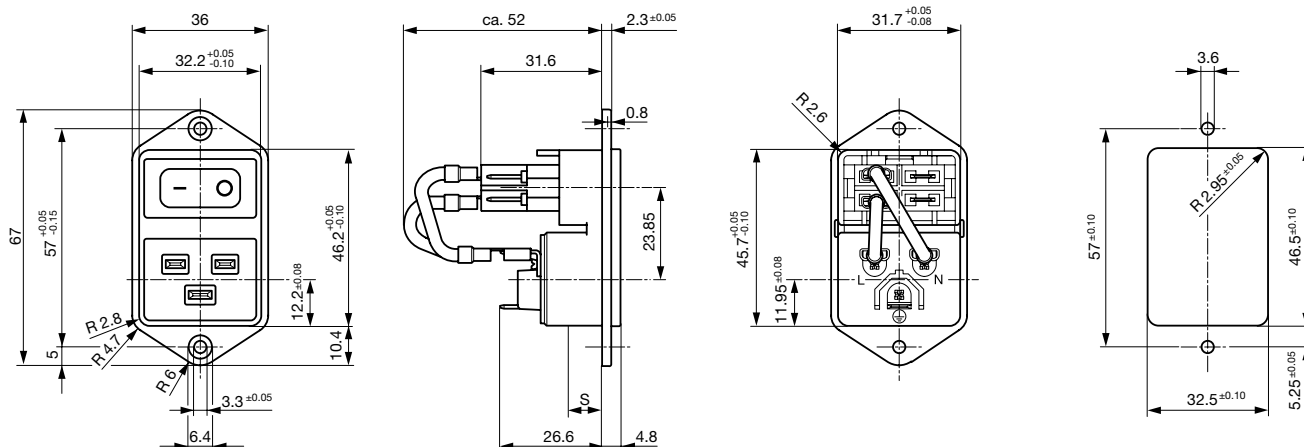
Ratings IEC	16A / 250VAC; 50Hz
Ratings UL/CSA	20A / 250VAC; 60Hz
Dielectric Strength	> 2.5kVAC between L-N > 3kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temp.	-25 °C to 70 °C
Degree of Protection	from front side IP 40 acc. to IEC 60529
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Quick connect terminals 6.3 x 0.8 mm
Panel Thickness s	Screw-on: 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/-Outlet	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 I
Line Switch	Rocker switch 2-pole, non-illuminated or illuminated, acc. to IEC 61058-1 Technical details

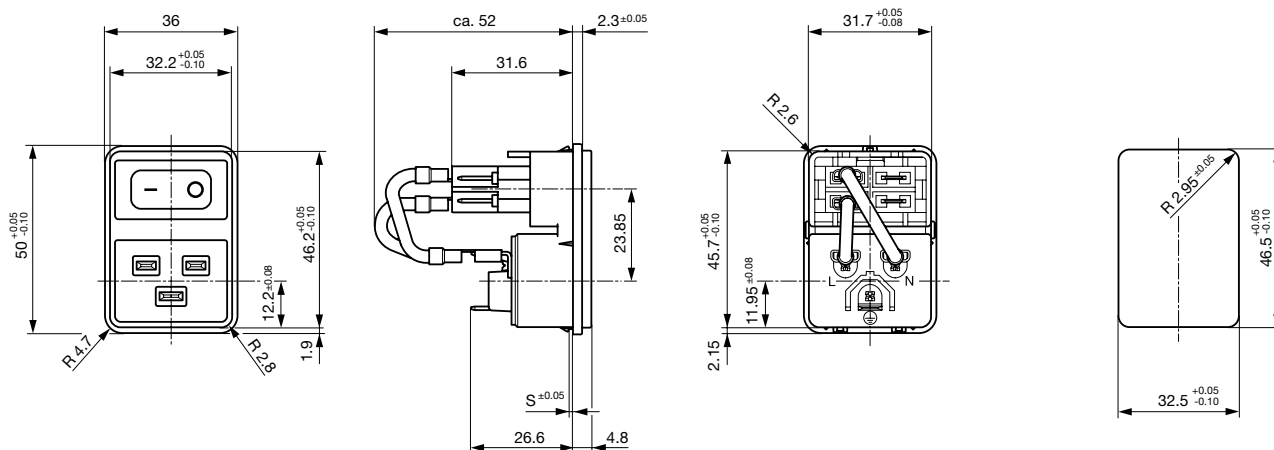
Dimensions

Screw-on mounting

Length | 67 mm

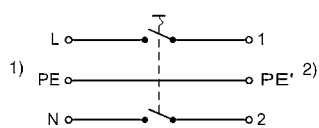


Snap-in mounting



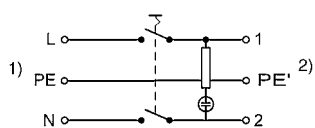
Diagrams

Line switch non-illuminated



1) Line
2) Load

Line switch illuminated



1) Line
2) Load

[Distributor-Stock-Check](#) | [SCHURTER-Stock-Check](#) | [e-Store](#)

Variants

Distributor-Stock-Check | SCHURTER-Stock-Check | e-Store

with internal connections

Panel mounting	Panel Thickness s [mm]	Illumination	Color	internally wired	Order Number
Screw-on	-		-		EC11.0001.002
Screw-on	-	●	red	●	EC11.0021.001
Screw-on	-	●	red		EC11.0021.002
Screw-on	-	●	green	●	EC11.0031.001
Screw-on	-	●	green		EC11.0031.002
Screw-on	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

Accessory

Description

Assorted Covers
Rear Cover

0859.0076

Cord retaining kits
Cord retaining strain relieve

Flat head, Z

0888.0021

Flat head, H

4700.0008

Mating Outlets/Connectors

Category / Description

Connector



IEC connector C19, rewirable, straight	0104
IEC connector C19, rewirable, angled	1651
IEC connector C19, rewirable, straight	1652
IEC connector C19, rewirable, angled	4790
IEC connector C19, rewirable, straight	4795

Power Supply or Interconnection Cord



Power Cord with IEC Appliance Connector C19, straight, 70°C	1654
Power Cord with IEC Appliance Connector C19, Line Plug North America, 70°C	4300.0920
Power Supply Cord with IEC Connector C19, Power Plug North America, 70°C	6003.0395
Power Cord Medical Grade with IEC Appliance Connector C19, Line Plug North America, 70°C	6009.5195