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
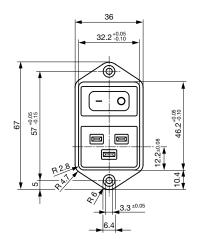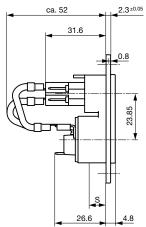
Technical Data

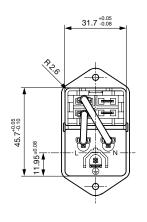|	
Ratings IEC	16 A / 250 VAC; 50 Hz
Ratings UL/CSA	20 A / 250 VAC; 60 Hz
Dielectric Strength	> 2.5 kVAC between L-N > 3 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temp.	-25 °C to 70 °C
Degree of Protection	from front side IP 40 acc. to IEC 60529
Protection Class	Suitable for appliances with protection class 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

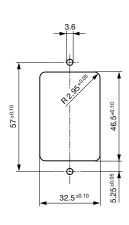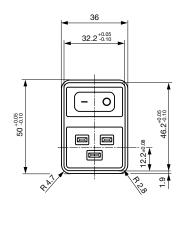|	
Appliance-Inlet/-Outlet	C20 acc. to IEC/EN 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 16 A, Protection class I
Line Switch	Rocker switch 2-pole, non-illuminated or illuminated, acc. to IEC 61058-1 Technical details

Dimensions
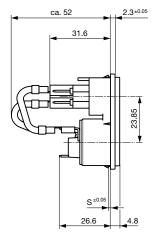Screw-on mounting

Length |———————————————————| 67 mm
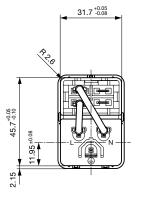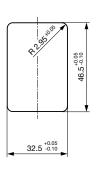

Snap-in mounting

Diagrams

Line switch non-illuminated   Line switch illuminated

1) Line
2) Load

1) Line
2) Load

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Variants

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 retainning strain reliefe

Flat head, Z	0888.0021
Flat head, H	4700.0008

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