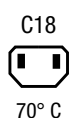


IEC Appliance Inlet C14 or C18 with Line Switch 1- or 2-pole



Description

- Panel Mount:
Screw-on version from front or rear side, snap-in version from front side
- Appliance Inlet protection class I or II, Line Switch 1- or 2-pole
- Quick connect terminals 4.8 x 0.8 mm

Unique Selling Proposition

- Ultra compact design
- Line switch for high inrush currents
- Components internally wired
- V-Lock cord retaining

Approvals

- VDE Certificate Number: 40007009
- UL File 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
- Suitable for use in equipment according to IEC/UL 60950

Other versions on request

- Unwired versions
- Solder terminals
- Line switch with other rocker marking

References

Alternative: version with line filter [DC12](#)
Substitute for type [KEB1](#); [KEB2](#); [6010-K](#)

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](#), [Wire Harnessing](#), [Detailed request for product](#)

Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Technical Data

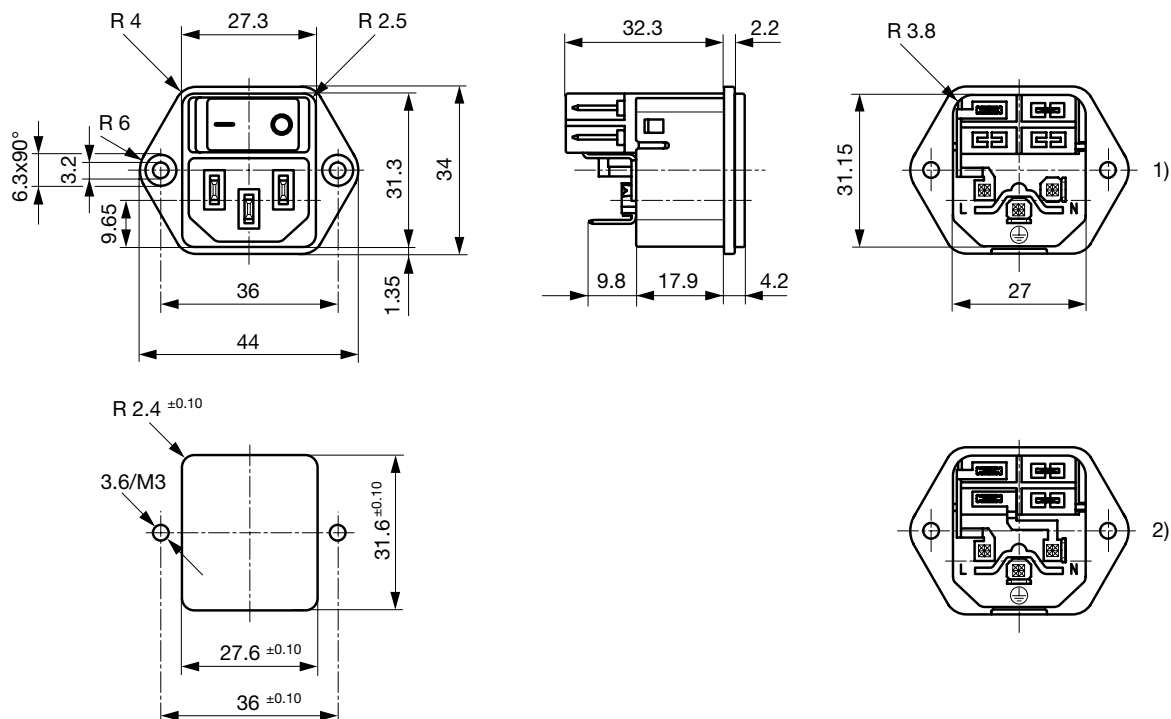
Ratings IEC	10A / 250VAC; 50Hz
Ratings UL/CSA	15A / 250VAC; 50/60Hz ¹⁾
Dielectric Strength	> 2.5kVAC between L-N > 3kVAC between L/N-PE (1 min/50Hz)
Allowable Operation Temp.	-25 °C to 70 °C
Degree of Protection	from front side IP 40 acc. to IEC 60529
Protection Class	Suitable for appliances with protection class I or II acc. to IEC 61140
Terminal	Quick connect terminals 4.8 x 0.8 mm
Panel Thickness s	Screw: max 6 mm Mounting screw torque max 0.5Nm Snap-in: 1/1.5/2/2.5/3 mm
Material: Housing	Thermoplastic, black, UL 94V-0

Appliance Inlet	C14 acc. to IEC 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I or II
Line Switch	Rocker switch 1 or 2 pole, non-illuminated or illuminated, acc. to IEC 61058-1 Technical Details

¹⁾ Standard version 12 A / special version 15A

Dimensions

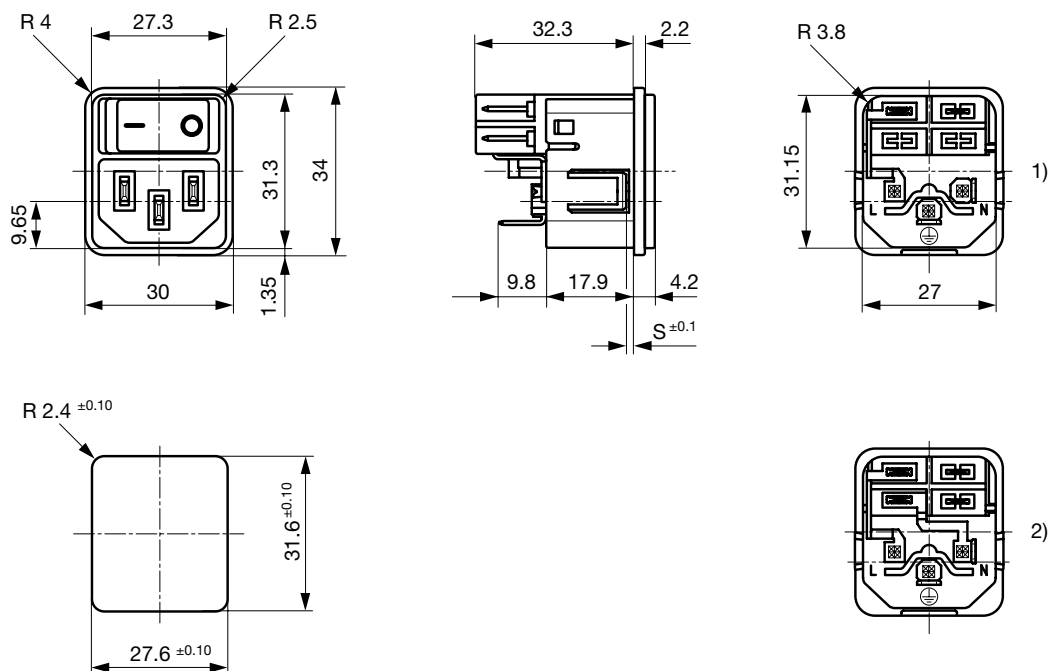
Screw-on mounting



1) 1-pol non-illuminated

2) 2-pol illuminated, 2-pol non-illuminated

Snap-in mounting

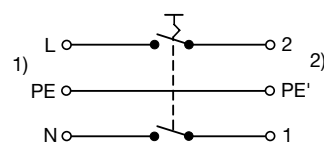


1) 1-pol non-illuminated

2) 2-pol illuminated, 2-pol non-illuminated

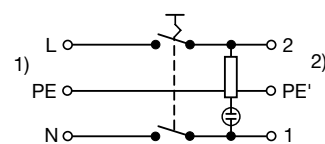
Diagrams

Line switch non-illuminated 2-pole



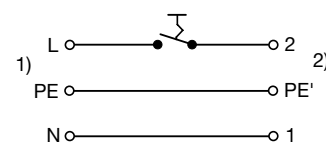
1) Line
2) Load

Line switch illuminated 2-pole



1) Line
2) Load

Line switch non-illuminated 1-pole



1) Line
2) Load

All Variants

Rated Current UL [A]	Protection Class	Panel mounting	Panel Thickness s [mm]	Line Switch	Illumination	Color	Order Number
12	I	Snap-in	1.5	2-pole	●	red	DC11.0021.201
15	I	Snap-in	1.5	2-pole	●	red	DC11.0021.206
12	I	Snap-in	2	2-pole	●	red	DC11.0021.301
12	I	Snap-in	2.5	2-pole	●	red	DC11.0021.401
12	I	Snap-in	1.5	2-pole	●	green	DC11.0031.201
12	I	Snap-in	2	2-pole	●	green	DC11.0031.301
12	I	Snap-in	2.5	2-pole	●	green	DC11.0031.401
12	I	Snap-in	1.5	1-pole	-	-	DC11.0001.203
15	I	Snap-in	1.5	1-pole	-	-	DC11.0001.207
12	I	Snap-in	2	1-pole	-	-	DC11.0001.303
12	I	Snap-in	2.5	1-pole	-	-	DC11.0001.403
12	I	Snap-in	2.5	1-pole	-	-	DC11.0001.403.21
12	I	Snap-in	1.5	2-pole	-	-	DC11.0001.201
12	I	Snap-in	1.5	2-pole	-	-	DC11.0001.201.21
15	I	Snap-in	1.5	2-pole	-	-	DC11.0001.206
12	I	Snap-in	2	2-pole	-	-	DC11.0001.301
12	II	Snap-in	2	2-pole	-	-	DC11.0001.351
12	I	Snap-in	2.5	2-pole	-	-	DC11.0001.401
12	I	Snap-in	3	2-pole	-	-	DC11.0001.501
12	I	Screw	-	2-pole	●	red	DC11.0021.001
15	I	Screw	-	2-pole	●	red	DC11.0021.006
12	I	Screw	-	2-pole	●	green	DC11.0031.001
12	I	Screw	-	1-pole	-	-	DC11.0001.003
15	I	Screw	-	1-pole	-	-	DC11.0001.007
12	I	Screw	-	2-pole	-	-	DC11.0001.001
12	I	Screw	-	2-pole	-	-	DC11.0001.001.21
15	I	Screw	-	2-pole	-	-	DC11.0001.006

Most Popular.

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

With screw mounting on PCB, 2 screws are included

All variants according VDE (ENEC 10) approved for 10 A

Suffix ".21" corresponds to the version with V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Packaging unit

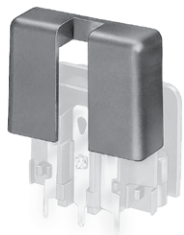
50 Pcs

Accessories

Description



Wire Harness
Wire harness for SCHURTER products



Assorted Covers
Rear Cover

	0859.0047
	4311.9403



Cord retaining kits
Cord retaining strain relief

Flat head, A	4700.0001
Countersunk, B	4700.0002

Mating Outlets/Connectors

Category / Description



Appliance Outlet Overview complete

IEC Appliance Outlet F, Screw-on Mounting, Front Side, Solder Terminal	4787
IEC Appliance Outlet F, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal	4788
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal	5091

Appliance Outlet further types to DC11



Connector Overview complete

4782 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4782
4022 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13	4022
4785 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4785
4300-06 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
4012 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13	4012

Connector further types to DC11

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Power Supply Cord Overview complete

Cord Sets 10 A, Europlug, 2.5 m, Connector IEC C13, cord end:	6004.0215
Cord Sets 10 A, Europlug, 2.5 m, Connector IEC C13, cord end:	6003.0215

Power Supply Cord further types to DC11

Mating Outlets/Connectors shuttered



Power Cord Overview complete

VAC17KS, North America, V-Lock cord retaining, 2.0 m, Connector C17, cord end:	6051.2801
VAC17KS, North America, V-Lock cord retaining, 2.0 m, Connector C17, cord end:	6051.2811
VAC17KS, Europlug, V-Lock cord retaining, 2.0 m, Connector IEC C17, cord end:	6051.2803
VAC17KS, Europlug, V-Lock cord retaining, 2.0 m, Connector IEC C17, cord end:	6051.2813
VAC13KS, Overview, diverse Connector IEC C13, cord end:	VAC13KS

Power Cord further types to DC11