Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

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

V-Lock

C14   C18
70° C   70° C

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, RoHS, CHINA-RoHS, REACH, Distributor-Stock-Check, Accessories, 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.
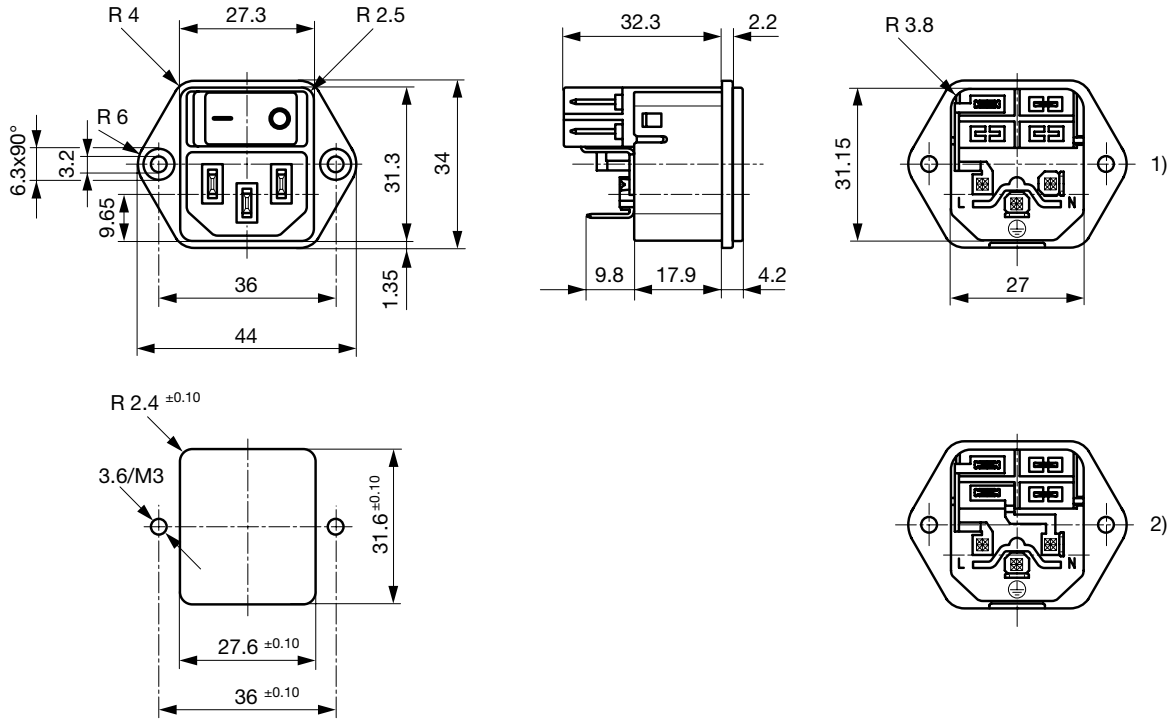
Technical Data

Ratings IEC	10 A / 250 VAC; 50 Hz	appliance inlet/-outlet	C14 acc. to IEC 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I or II
Ratings UL/CSA	15 A / 250 VAC; 50/60 Hz [1]		
Dielectric Strength	> 2.5 kVAC between L-N > 3 kVAC between L/N-PE (1 min/50 Hz)	Line Switch	Rocker switch 1 or 2 pole, non-illuminated or illuminated, acc. to IEC 61058-1 Technical Details
Allowable Operation Temperature	-25 °C to 70 °C		
IP-Protection	from front side IP 40 acc. to IEC 60529		
Insulation cover	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 0.5 Nm Snap-in: 1/1.5/2/2.5/3 mm		
Material: Housing	Thermoplastic, black, UL 94V-0		

[1] Standard version 12 A / special version 15A

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in General Product Information
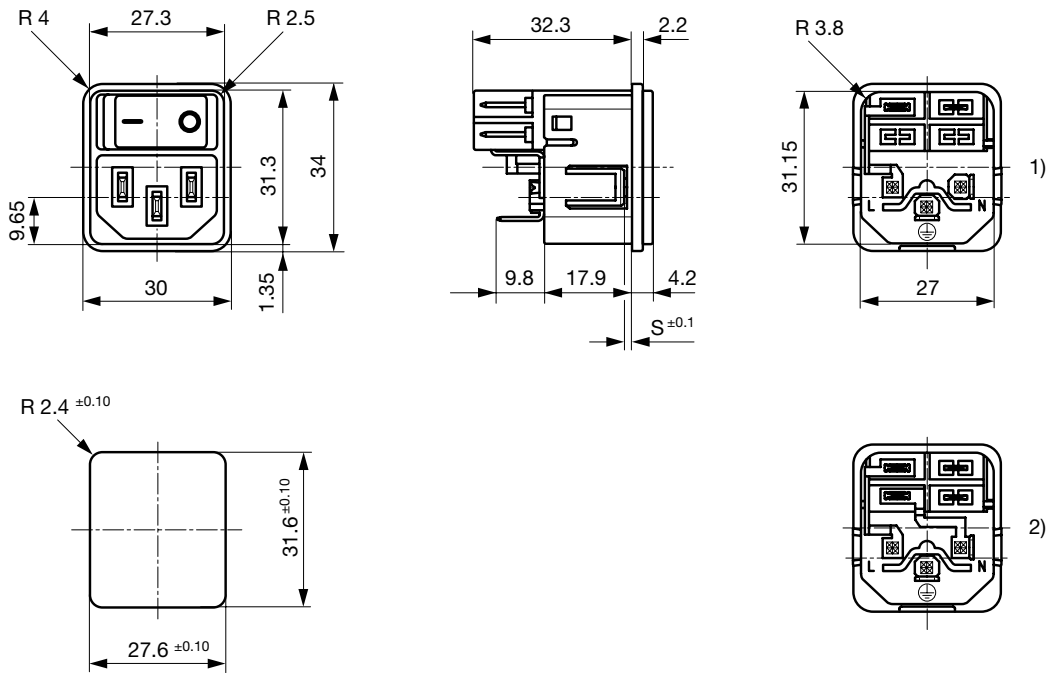
Dimensions

Screw-on mounting

R 4 · 27.3 · R 2.5 · R 6 · 6.3x90° · 3.2 · 9.65 · 36 · 44 · 31.3 · 34 · 1.35

32.3 · 2.2 · 9.8 · 17.9 · 4.2

R 3.8 · 31.15 · 27 · L · N · 1)

R 2.4 ±0.10 · 3.6/M3 · 27.6 ±0.10 · 36 ±0.10 · 31.6 ±0.10

L · N · 2)

1) 1-pol non-illuminated
2) 2-pol illuminated, 2-pol non-illuminated

Snap-in mounting

R 4 · 27.3 · R 2.5 · 9.65 · 30 · 31.3 · 34 · 1.35

32.3 · 2.2 · 9.8 · 17.9 · 4.2 · S ±0.1

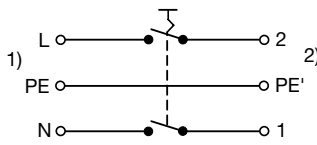R 3.8 · 31.15 · 27 · L · N · 1)

R 2.4 ±0.10 · 27.6 ±0.10 · 31.6 ±0.10

L · N · 2)

1) 1-pol non-illuminated
2) 2-pol illuminated, 2-pol non-illuminated

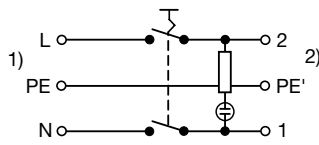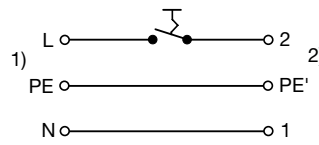## Diagrams

Line switch non-illuminated 2-pole

Line switch illuminated 2-pole

Line switch non-illuminated 1-pole

1) Line
2) Load

1) Line
2) Load

1) Line
2) Load

All Variants

Rated Current UL	Protection Class	Panel mounting	Panel Thickness s [mm]	Line Switch	Illumination	Color	V-Lock	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/en/Stock-Check/Stock-Check-SCHURTER

With screw mounting on PCB, 2 screws are included

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

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	...

Power Supply Cord Overview complete

Cord Sets 10 A, Europlug, 2.5 m, Connector IEC C13, H05VV-F3G1.0, black	6004.0215
Cord Sets 10 A, Europlug, 2.5 m, Connector IEC C13, H05VV-F3G1.0, black	6003.0215
Power Supply Cord further types to DC11	

Mating Outlets/Connectors shuttered

Power Cord Overview complete

VAC17KS, North America, V-Lock cord retaining, 3.0 m, Connector C17, SJT 2x18 AWG, black	3-101-794
VAC17KS, North America, V-Lock cord retaining, 2.0 m, Connector C17, SJT 2x18 AWG, black	6051.2801
VAC17KS, North America, V-Lock cord retaining, 2.0 m, Connector C17, SJT 2x18 AWG, white	6051.2811
VAC17KS, United Kingdom, V-Lock cord retaining, 2.0 m, Connector IEC C17, H05VV-F2G1, black	3-101-184
VAC17KS, Switzerland, V-Lock cord retaining, 2.0 m, Connector IEC C17, H05VV-F2G1, black	3-101-185
Power Cord further types to DC11	...

07.03.2017