Chipsmall

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.

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IEC Appliance Inlet C14 with Fuseholder 1-pole, wired

Screw-on Version

Snap-in version

C14

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 , Fuseholder for fuse-links 5 x 20 mm 1-pole
- Solder terminals or quick connect terminals

Approvals
- VDE Certificate Number: 40036853
- UL File Number: E93617
- CSA File Number: 38456
- CCC File Number: 2013010204594655

Characteristics
- All single elements are already wired
- Plug removal necessary for fuse-link replacement
- Suitable for use in equipment according to IEC/UL 60950

Other versions on request
- Types for rivet mounting available upon request
- Variants with V-Lock cord retaining

References
Alternative: version with line filter   5200
Alternative: Fuseholder 2-pole   6220

Weblinks
pdf datasheet, html-datasheet, General Product Information, RoHS, CHINA-RoHS, REACH, Distributor-Stock-Check, Accessories, Detailed request for product

Technical Data

|	
Ratings IEC	10 A / 250 VAC; 50 Hz
Ratings UL/CSA	10 A / 250 VAC; 60 Hz
Dielectric Strength	> 2 kVAC between L-N > 2 kVAC between L/N-PE (1 min/50 Hz)
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 acc. to IEC 61140
Terminal	Solder terminals or quick connect terminals , tin-plated
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

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
Fuseholder	1-pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 mm
Rated Power Acceptance @ Ta 23 °C	5 x 20: 2 W (1 pole)
Power Acceptance @ Ta > 23°C	Admissible power acceptance at higher ambient temperature see derating curves

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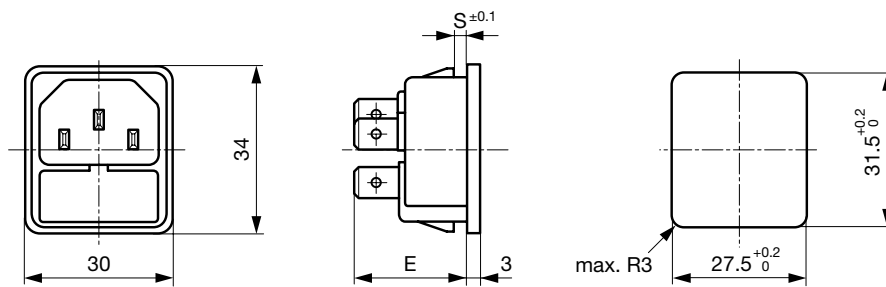
Dimensions

Screw-on mounting

6.3x90°
3.5
30.8 ±0.1
34
27.4 $^{+0.05}_{-0.10}$
36
44

2.5
E
5

36 ±0.1
31.5 $^{+0.2}_{0}$
M3
max. R3
27.5 $^{+0.2}_{0}$
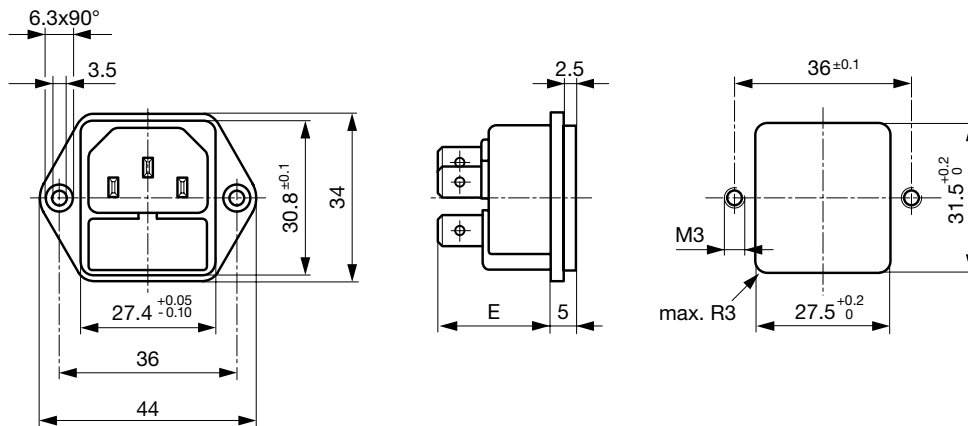
E: Solder terminals 20.5 mm
E: Quick connect terminals 23.5 mm

Snap-in mounting

34
30
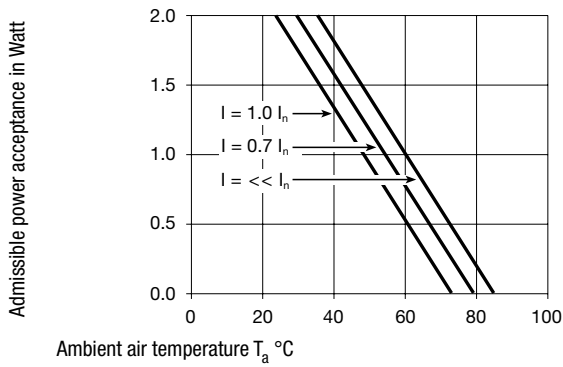
S ±0.1
E
3

31.5 $^{+0.2}_{0}$
max. R3
27.5 $^{+0.2}_{0}$

E: solder terminals 22.5 mm
E: quick-connect terminals 25.5 mm
S: 1.0/1.5/2.0/2.5/3.0 mm

Diagrams

L
L
N
E

Derating Curves

1-pole

Admissible power acceptance in Watt

I = 1.0 I_n

I = 0.7 I_n

I = << I_n

Ambient air temperature T_a °C
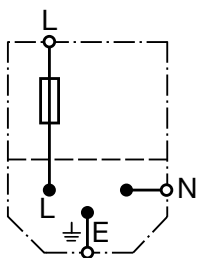
All Variants

Protection Class	Panel mounting	Panel Thickness s [mm]	Fuseholder	Terminal	Internally wired	Order Number	
I	Snap-in	1	1-pole	Quick connect terminals 4.8 x 0.8 mm	●	6200.4210	
I	Snap-in	1.5	1-pole	Quick connect terminals 4.8 x 0.8 mm	●	6200.4215	▊
I	Snap-in	2	1-pole	Quick connect terminals 4.8 x 0.8 mm	●	6200.4220	▊
I	Snap-in	2.5	1-pole	Quick connect terminals 4.8 x 0.8 mm	●	6200.4225	▊
I	Snap-in	3	1-pole	Quick connect terminals 4.8 x 0.8 mm	●	6200.4230	
I	Snap-in	1	1-pole	Quick connect terminals 6.3 x 0.8 mm	●	6200.4310	▊
I	Snap-in	1.5	1-pole	Quick connect terminals 6.3 x 0.8 mm	●	6200.4315	▊
I	Snap-in	2	1-pole	Quick connect terminals 6.3 x 0.8 mm	●	6200.4320	▊
I	Snap-in	2.5	1-pole	Quick connect terminals 6.3 x 0.8 mm	●	6200.4325	
I	Snap-in	3	1-pole	Quick connect terminals 6.3 x 0.8 mm	●	6200.4330	
I	Snap-in	1	1-pole	Solder terminals 3.8 x 0.8 mm	●	6200.4110	▊
I	Snap-in	1.5	1-pole	Solder terminals 3.8 x 0.8 mm	●	6200.4115	▊
I	Snap-in	2	1-pole	Solder terminals 3.8 x 0.8 mm	●	6200.4120	▊
I	Snap-in	2.5	1-pole	Solder terminals 3.8 x 0.8 mm	●	6200.4125	
I	Snap-in	3	1-pole	Solder terminals 3.8 x 0.8 mm	●	6200.4130	
I	Screw	-	1-pole	Quick connect terminals 4.8 x 0.8 mm	●	6200.2200	▊
I	Screw	-	1-pole	Quick connect terminals 6.3 x 0.8 mm	●	6200.2300	▊
I	Screw	-	1-pole	Solder terminals 3.8 x 0.8 mm	●	6200.2100	▊

▊ Most Popular.

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

Packaging unit   50 Pcs

Accessories

Description
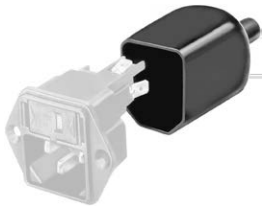
Assorted Covers
Rear Cover

	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 6200

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 6200	...

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