

IEC Appliance Inlet C14, Snap-in Mounting, Solder, Quick-connect, Screw or PCB Terminal



Snap-In Version



Description

- Panel Mount:
Snap-in version, Front Side
- 1 Function
- Appliance Inlet, Pin temperature 70 °C, Protection class I
- Solder, quick-connect, screw, PCB

Approvals

- VDE Certificate Number: 40011871
- UL File Number: E96454
- CSA File Number: 27324
- CCC File Number: 2012010204574855

References

Alternative: protection class II version [6015](#)

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](#), [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.

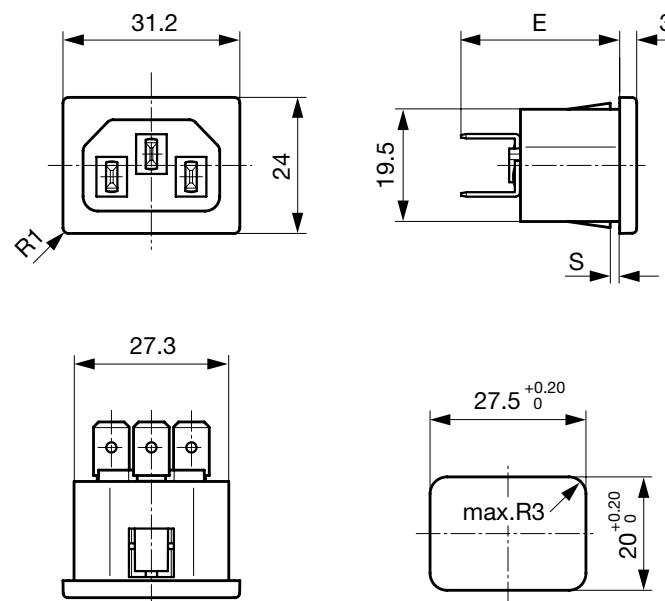
Technical Data

Ratings IEC	10A / 250VAC; 50Hz
Ratings UL/CSA	15A / 250VAC; 60Hz
Dielectric Strength	> 3kVAC between L-N > 1.5kVAC between L/N-PE (1 min/50Hz)
Allowable Operation Temp.	-25 °C to 70 °C
Degree of Protection	from front side IP 20 acc. to IEC 60529
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Solder, quick-connect, screw, PCB
Panel Thickness s	Snap-in version 0.8/1.0/1.2/1.5/2.0/2.5/3.0/4.0 mm
Material: Housing	PA6, black or grey, UL 94V-0

Appliance Inlet	C14 acc. to IEC 60320 UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I
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Dimensions

Quick connect or solder terminals



E: Quick-connect terminals 4.8x0.8 mm: 27.0 mm

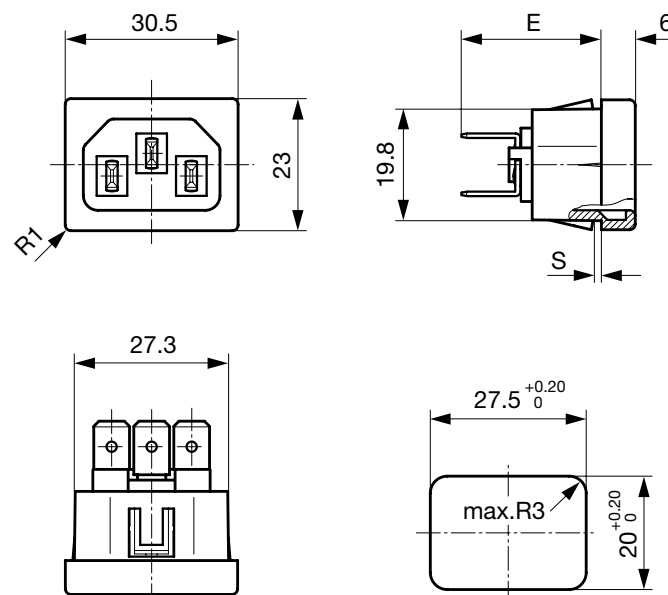
E: Quick-connect terminals 6.3x0.8 mm: 28.0 mm

E: Solder terminals short: 22.5 mm

E: Solder terminals long: 26.2 mm

Dimension "S" please ref. to table order code

Quick-connect or solder terminals, housing for V-Lock



E: Quick-connect terminals 4.8x0.8 mm: 23.8 mm

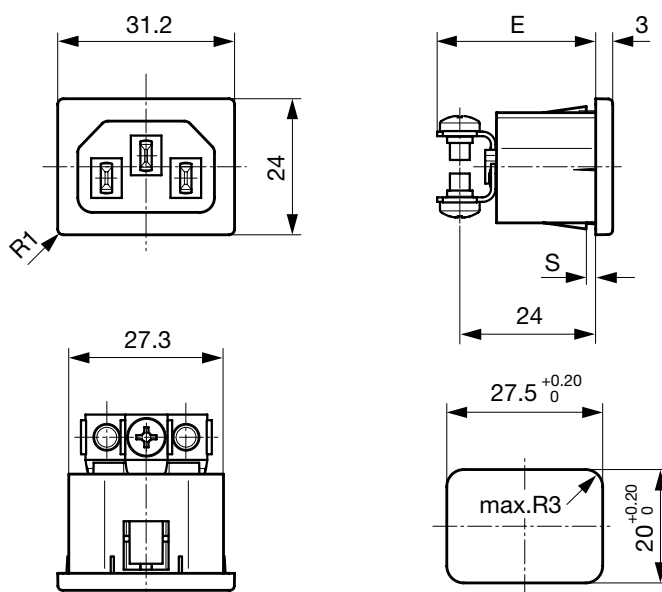
E: Quick-connect terminals 6.3x0.8 mm: 24.8 mm

E: Solder terminals short: 19.3 mm

E: Solder terminals long: 23.0 mm

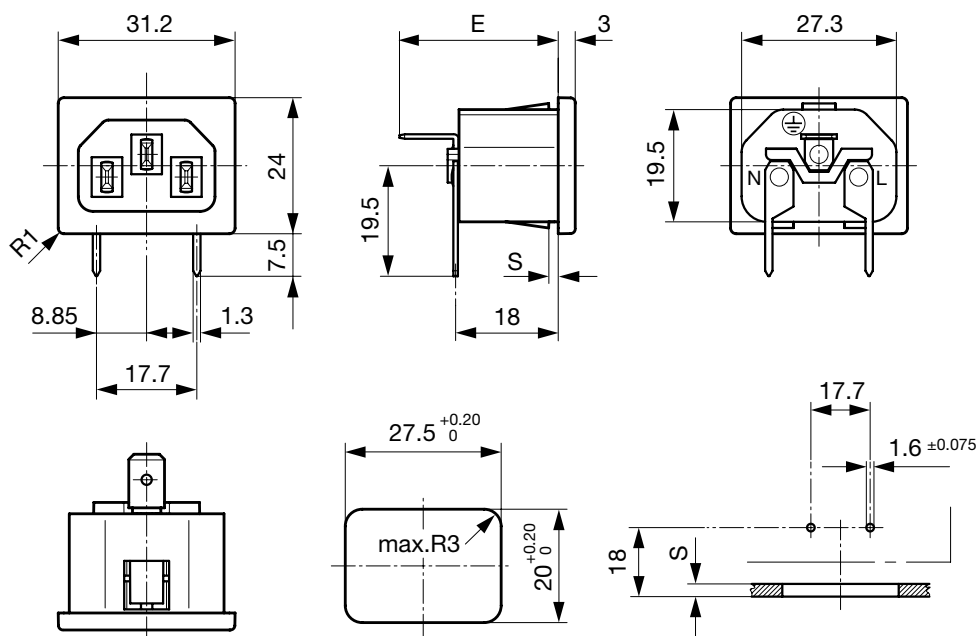
Dimension "S" please ref. to table order code

Screw terminals



E: Screw terminals M3.5: 28.0 mm
Dimension "S" please ref. to table order code

PCB terminals



E: Quick-connect terminals 4.8x0.8 mm: 27.0 mm
E: Quick-connect terminals 6.3x0.8 mm: 28.0 mm
E: Solder terminals short: 22.5 mm
E: Solder terminals long: 26.2 mm
E: Screw terminals M3.5: 28.0
Dimension "S" please ref. to table order code

Config. Code

6010 - H - A B C 0 - D - E G O

The characters are placeholders for the correspondingly keys of selections from the key tables.

6010 - H - A B C 0 - D - E G O = Type

Type	Configuration key
protection class I	X

6010 - H - A B C 0 - D - E G O = Terminals

Terminal L		Configuration key
short solder terminal (L = 4.8 mm)		2
long solder terminal (L = 8.5 mm)		3
PCB-terminal standard (additional solder terminal)		4
Blade terminal (4.8 x 0.8 mm)		8
Blade terminal (6.3 x 0.8 mm)		9
screw terminal		A

6010 - H - A B C 0 - D - E G O = Terminals

Terminal N	Configuration key
short solder terminal (L = 4.8 mm)	2
long solder terminal (L = 8.5 mm)	3
PCB-terminal standard (additional solder terminal)	4
Blade terminal (4.8 x 0.8 mm)	8
Blade terminal (6.3 x 0.8 mm)	9
screw terminal	A

Symbols similar as in table A

6010 - H - A B C 0 - D - E G O = Terminals

Terminal Ground	Configuration key
short solder terminal (L = 4.8 mm)	2

Symbols similar as in table A

Terminal Ground

long solder terminal (L = 8.5 mm)	3
Blade terminal (4.8 x 0.8 mm)	8
Blade terminal (6.3 x 0.8 mm)	9
screw terminal	A

Symbols similar as in table A

6010 - H - A B C 0 - D - E G O = Color

Color	Configuration key
Black	A
Grey	B

6010 - H - A B C 0 - D - E G O = Style

Style	Configuration key
snap-in (s=panel thickness)	4

6010 - H - A B C 0 - D - E G O = Mass S

Mass "S"	Configuration key
08	
10	
12	
15	
20	
25	
30	
40	

The dimension "S" is displayed in ($1/_{10}$ mm). This information is also valid for the order code

6010 - H - A B C 0 - D - E G O = Features

Features	Configuration key
without V-Lock	
V-Lock	V

All Variants

Config. Code	Description	Order Number
6010-X-2220-A-410	6010, IEC Appliance Inlet C14, 70°C, version: protection class I, L: short solder terminal (L = 4.8 mm), N: short solder terminal (L = 4.8 mm), ground: short solder terminal (L = 4.8 mm), color: Black, design: snap-in (s=panel thickness), dimension S: 10, features: without V-Lock	6162.0012
6010-X-8880-A-410	6010, IEC Appliance Inlet C14, 70°C, version: protection class I, L: Blade terminal (4.8 x 0.8 mm), N: Blade terminal (4.8 x 0.8 mm), ground: Blade terminal (4.8 x 0.8 mm), color: Black, design: snap-in (s=panel thickness), dimension S: 10, features: without V-Lock	6162.0019
6010-X-9990-A-410	6010, IEC Appliance Inlet C14, 70°C, version: protection class I, L: Blade terminal (6.3 x 0.8 mm), N: Blade terminal (6.3 x 0.8 mm), ground: Blade terminal (6.3 x 0.8 mm), color: Black, design: snap-in (s=panel thickness), dimension S: 10, features: without V-Lock	6162.0023
6010-X-9990-A-415	6010, IEC Appliance Inlet C14, 70°C, version: protection class I, L: Blade terminal (6.3 x 0.8 mm), N: Blade terminal (6.3 x 0.8 mm), ground: Blade terminal (6.3 x 0.8 mm), color: Black, design: snap-in (s=panel thickness), dimension S: 15, features: without V-Lock	6162.0024
6010-X-9990-A-420	6010, IEC Appliance Inlet C14, 70°C, version: protection class I, L: Blade terminal (6.3 x 0.8 mm), N: Blade terminal (6.3 x 0.8 mm), ground: Blade terminal (6.3 x 0.8 mm), color: Black, design: snap-in (s=panel thickness), dimension S: 20, features: without V-Lock	6162.0025
6010-X-3330-A-410	6010, IEC Appliance Inlet C14, 70°C, version: protection class I, L: long solder terminal (L = 8.5 mm), N: long solder terminal (L = 8.5 mm), ground: long solder terminal (L = 8.5 mm), color: Black, design: snap-in (s=panel thickness), dimension S: 10, features: without V-Lock	6162.0085
6010-X-8880-A-415V	6010, IEC Appliance Inlet C14, 70°C, version: protection class I, L: Blade terminal (4.8 x 0.8 mm), N: Blade terminal (4.8 x 0.8 mm), ground: Blade terminal (4.8 x 0.8 mm), color: Black, design: snap-in (s=panel thickness), dimension S: 15, features: V-Lock	6162.0155
6010-X-9990-A-415V	6010, IEC Appliance Inlet C14, 70°C, version: protection class I, L: Blade terminal (6.3 x 0.8 mm), N: Blade terminal (6.3 x 0.8 mm), ground: Blade terminal (6.3 x 0.8 mm), color: Black, design: snap-in (s=panel thickness), dimension S: 15, features: V-Lock	6162.0156
6010-X-2220-A-410V	6010, IEC Appliance Inlet C14, 70°C, version: protection class I, L: short solder terminal (L = 4.8 mm), N: short solder terminal (L = 4.8 mm), ground: short solder terminal (L = 4.8 mm), color: Black, design: snap-in (s=panel thickness), dimension S: 10, features: V-Lock	6162.0161
6010-X-8880-A-410V	6010, IEC Appliance Inlet C14, 70°C, version: protection class I, L: Blade terminal (4.8 x 0.8 mm), N: Blade terminal (4.8 x 0.8 mm), ground: Blade terminal (4.8 x 0.8 mm), color: Black, design: snap-in (s=panel thickness), dimension S: 10, features: V-Lock	6162.0162
6010-X-8880-A-425V	6010, IEC Appliance Inlet C14, 70°C, version: protection class I, L: Blade terminal (4.8 x 0.8 mm), N: Blade terminal (4.8 x 0.8 mm), ground: Blade terminal (4.8 x 0.8 mm), color: Black, design: snap-in (s=panel thickness), dimension S: 25, features: V-Lock	6162.0165

The listed variants should be available from stock. Other versions on request www.schurter.com/contact

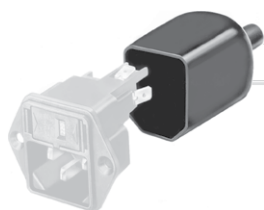
Most Popular.

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

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 6010](#)



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 6010	...

Mating Outlets/Connectors shuttered



Power Cord Overview complete

VAC17KS, North America, 2.0 m, Connector C17, cord end:	6051.2801
VAC17KS, Europlug, 2.0 m, Connector IEC C17, cord end:	6051.2803
VAC17KS, Europlug, 2.0 m, Connector IEC C17, cord end:	6051.2813
VAC13KS, Overview, diverse Connector IEC C13, cord end:	VAC13KS
Power Cord further types to 6010	