

IEC Appliance Inlet C14, Screw-on Mounting, Front or Rear Side, Solder or Quick-connect or Screw-on Terminal

V-Lock



C14



70 °C



Description

- Panel Mount:
Screw-on mounting, front or rear-side
- 1 Function
- Appliance Inlet, Pin temperature 70 °C, Protection class I
- Solder, Quick Connect or Screw Terminals

Approvals

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

Weblinks

[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Mounting instruction](#), [Detailed request for product](#)

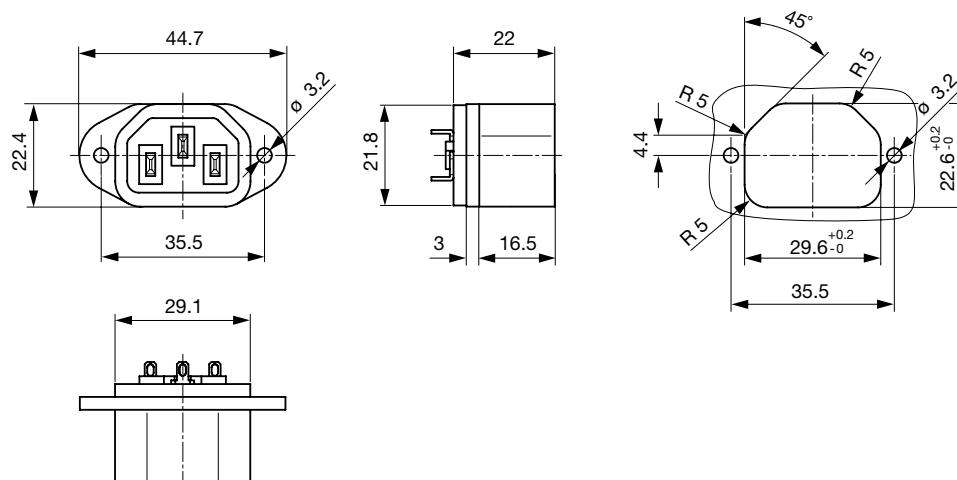
Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Technical Data

Ratings IEC	10 A / 250 VAC; 50 Hz
Ratings UL/CSA	15 A / 250 VAC; 60 Hz
Dielectric Strength	> 3 kVAC between L-N > 1.5 kVAC between L/N-PE (1 min/50 Hz)
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
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, 10 A, Protection Class I
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Dimensions



Length of the terminal please find at the order code configuration table

Config. Code

6048 - H - A B C 0 - D - E O

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

6048 - H - A B C 0 - D - E O = Type

Type	Configuration key
protection class 1	X

6048 - H - A B C 0 - D - E O = Terminals

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

6048 - H - A B C 0 - D - E O = Terminals

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

6048 - H - A B C 0 - D - E O = Terminals

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

6048 - H - A B C 0 - D - E O = Color

Color	Configuration key
Black	A
Grey	B

6048 - H - A B C 0 - D - E O = Style

Style	Configuration key
flange with through holes	2

6048 - H - A B C 0 - D - E O = Features

Features	Configuration key
not used	0
V-Lock	V

Variants

Config. Code	Description	Order Number
6048-X-2220-A-2	6048, IEC Appliance Inlet C14, 70°C, version: 1, 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: flange with through holes, dimension X: , features:	6162.0040
6048-X-8880-A-2	6048, IEC Appliance Inlet C14, 70°C, version: 1, 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: flange with through holes, dimension X: , features:	6162.0042
6048-X-9990-A-2	6048, IEC Appliance Inlet C14, 70°C, version: 1, 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: flange with through holes, dimension X: , features:	6162.0043
6048-X-2220-A-2 V	6048, IEC Appliance Inlet C14, 70°C, version: 1, 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: flange with through holes, dimension X: , features: V-Lock	6162.0174

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

Packaging unit 50 Pcs

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 6048](#)



Connector Overview complete

IEC Connector C15A, Rewireable, Straight	0102
IEC Connector C15A, Rewireable, Straight	0102-G
IEC Connector C15A, Rewireable, Angled	0112
IEC Connector C13, Rewireable, Angled	4012
IEC Connector C13, Rewireable, Straight	4022

[Connector further types to 6048](#)

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Power Supply or Interconnection Cord Overview complete

Diverse Power Supply and Interconnection Cords 10 A	Cord Sets 10 A
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[Power Supply or Interconnection Cord further types to 6048](#)