

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



C14



70 °C

**Description**

- Panel Mount:
- Drop-in type
- Appliance Inlet, Pin temperature 70 °C, Protection class I

Approvals

- VDE License Number: 40011871

References

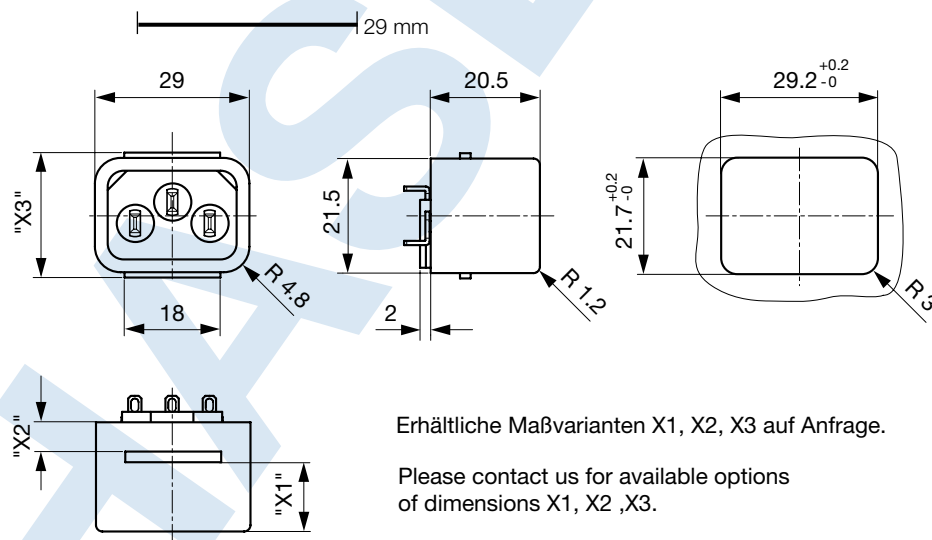
[General Product Information](#)

Weblinks

[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [Distributor-Stock-Check](#), [Accessories](#)

Technical Data

Ratings IEC	10A / 250VAC; 50Hz	Appliance Inlet	C14 acc. to IEC/EN 60320-1
Dielectric Strength	> 3kVAC between L-N > 1.5kVAC between L/N-PE (1 min/50Hz)		UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class 1
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 1 acc. to IEC 61140		
Material: Housing	black or grey, UL 94V-0		

Dimensions

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

Config. Code

Product Configurator

6170 - H - A B C 0 - D - E

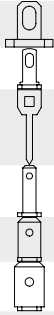
The characters are placeholders for the correspondingly keys of selections from the key tables.

6170 - H - A B C 0 - D - E = Type

Type	Configuration key
protection class 1	X

6170 - H - A B C 0 - D - E = Terminals

Terminal L	Configuration key
short solder terminal (L=4,8mm)	2
long solder terminal (L=8,5mm)	3
PCB-terminal (standard)	4
blade terminal (2,8x0,8mm)	7
blade terminal (4,8x0,8mm)	8
blade terminal (6,3x0,8mm)	9
screw terminal	A



6170 - H - A B C 0 - D - E = Terminals

Terminal N	Configuration key
short solder terminal (L=4,8mm)	2
long solder terminal (L=8,5mm)	3
PCB-terminal (standard)	4
blade terminal (2,8x0,8mm)	7
blade terminal (4,8x0,8mm)	8
blade terminal (6,3x0,8mm)	9
screw terminal	A

Symbols similar as in table A

Variants

Config. Code	Description	Order Number
6170-X-9990-A-5	6170, IEC Appliance Inlet C14, 70°C, version: 1, L: blade terminal (6,3x0,8mm), N: blade terminal (6,3x0,8mm), ground: blade terminal (6,3x0,8mm), color: jet black; RAL9005, design: insert type, dimension X:	6162.0082
6170-X-2220-A-5	6170, IEC Appliance Inlet C14, 70°C, version: 1, L: short solder terminal (L=4,8mm), N: short solder terminal (L=4,8mm), ground: short solder terminal (L=4,8mm), color: jet black; RAL9005, design: insert type, dimension X:	6162.0084
6170-X-4440-A-5	6170, IEC Appliance Inlet C14, 70°C, version: 1, L: PCB-terminal (standard), N: PCB-terminal (standard), ground: PCB-terminal (standard), color: jet black; RAL9005, design: insert type, dimension X:	6162.0087
6170-X-3330-A-5	6170, IEC Appliance Inlet C14, 70°C, version: 1, L: long solder terminal (L=8,5mm), N: long solder terminal (L=8,5mm), ground: long solder terminal (L=8,5mm), color: jet black; RAL9005, design: insert type, dimension X:	6162.0088

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

Packaging unit 50 Pcs

6170 - H - A B C 0 - D - E = Terminals

Terminal Ground	Configuration key
short solder terminal (L=4,8mm)	2
long solder terminal (L=8,5mm)	3
PCB-terminal (standard)	4
blade terminal (2,8x0,8mm)	7
blade terminal (4,8x0,8mm)	8
blade terminal (6,3x0,8mm)	9
screw terminal	A

Symbols similar as in table A

6170 - H - A B C 0 - D - E = Color

Color	Configuration key
jet black; RAL9005	A
light grey; RAL7035	C
standard color: black	

6170 - H - A B C 0 - D - E = Style

Style	Configuration key
insert type	5

Mating Outlets/Connectors

Category / Description

Appliance Outlet Overview complete



IEC Appliance Outlet F, Screw-on Mounting, Front Side, Solder or Quick-connect 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
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder or Quick-connect Terminal	5092

[Appliance Outlet further types to 6170](#)

Connector Overview complete



IEC Connector C15, Rewireable, Straight	0101
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

[Connector further types to 6170](#)

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Power Cord Overview complete



Power Cord with IEC Connector C13, Angled	0311
Power Cord with IEC Connector C13, Angled	3011
Power Cord with IEC Connector C13, Angled	3012
Power Cord with IEC Connector C13, Angled	3013
Power Cord with IEC Connector C13	3020

[Power Cord further types to 6170](#)

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