

IEC Appliance Inlet C20, Snap-in Mounting, Front Side, Solder, Quick-connect or Screw Terminal



Snap-In Version

C20



70° C



Description

- Panel Mount:
Snap-in version, from front side
- 1 Function:
- Appliance Inlet, Pin temperature 70 °C, Protection class I
- Solder, Quick Connect or Screw Terminals

Approvals

- VDE Certificate Number: 40026179
- UL File Number: E96454
- CSA File Number: 27324

References

We recommend for new applications the type [4793](#)

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](#)

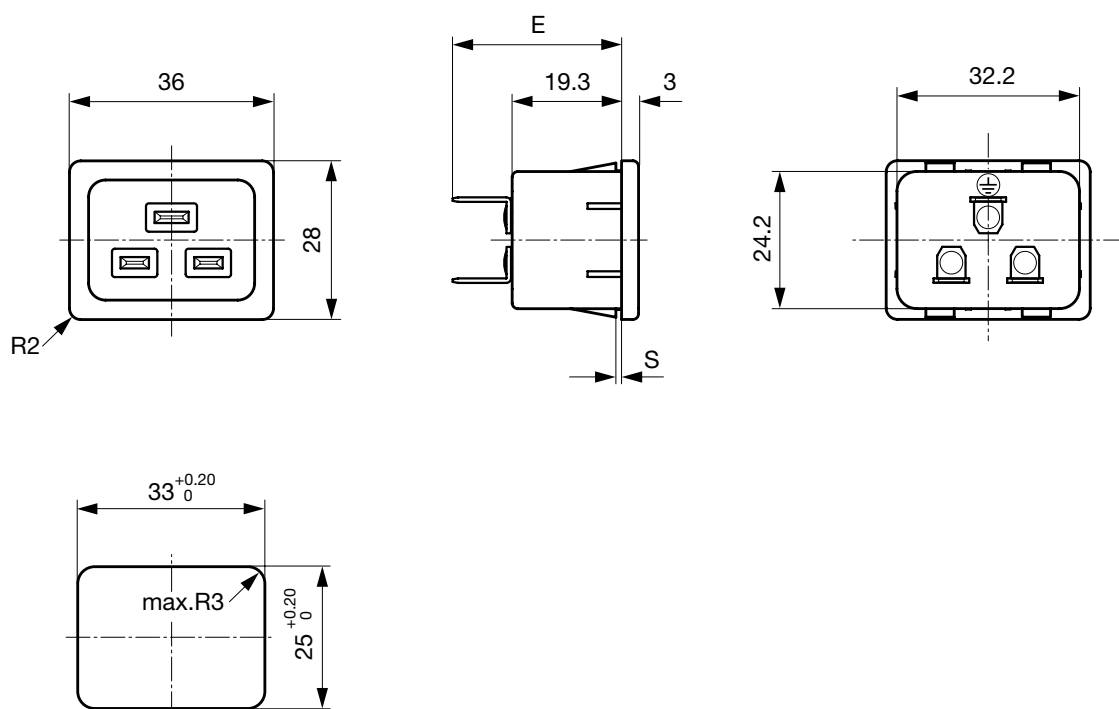
Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Technical Data

Ratings IEC	16A / 250VAC; 50Hz
Ratings UL/CSA	21A / 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 or Screw Terminals
Panel Thickness s	Snap-in version 1.5/2/2.5 mm
Material: Housing	PA, black / grey / white, UL 94V-0

Appliance Inlet	C20 acc. to IEC 60320 UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 16A, Protection Class I
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Dimensions



E: Solder terminals short: 24.5 mm

E: Solder terminals long: 28.5 mm

E: Quick connect terminals 4.8x0.8 mm: 29.0 mm

E: Quick connect terminals 6.3x0.8 mm: 30.0 mm

E: Screw terminals: 30.0 mm

Config. Code

1624 - H - A B C 0 - D - E G O

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

1624 - **H** - A B C 0 - D - E G O = Type

Type	Configuration key
protection class 1	X

1624 - 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
Blade terminal (4.8 x 0.8 mm)		8
Blade terminal (6.3 x 0.8 mm)		9
screw terminal		A
solder terminal (L = 5.1 mm)		D

1624 - 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
Blade terminal (4.8 x 0.8 mm)	8
Blade terminal (6.3 x 0.8 mm)	9
screw terminal	A
solder terminal (L = 5.1 mm)	D

Symbols similar as in table A

1624 - H - A B **C** 0 - D - E G 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
solder terminal (L = 5.1 mm)	D

Symbols similar as in table A

1624 - H - A B C 0 - **D** - E G O = Color

Color	Configuration key
Black	A
Grey	B
White	D

1624 - H - A B C 0 - D - **E** G O = Style

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

1624 - H - A B C 0 - D - E **G** O = Dimension X

Dimension "X"	Configuration key
15	
20	
25	

The dimension "X" is displayed in ($1/_{10}$ mm). This information is also valid for the order code1624 - H - A B C 0 - D - E G **O** = Features

Features	Configuration key
not used	0
V-Lock	V

Variants

Type	Protection Class	Panel mounting	Panel Thickness s [mm]	Terminal	Order Number
1624	I	Snap-in version	1.5	Blade terminal (6.3 x 0.8 mm)	6163.0013
1624	I	Snap-in version	2	Blade terminal (6.3 x 0.8 mm)	6163.0014
1624	I	Snap-in version	1.5	short solder terminal (L = 4.8 mm)	6163.0010
1624	I	Snap-in version	1.5	Solder, Quick Connect or Screw Terminals	6163.0031
1624	I	Snap-in version	1.5	Solder, Quick Connect or Screw Terminals	6163.0036
1624	I	Snap-in version	2.5	Solder, Quick Connect or Screw Terminals	6163.0028

Variants

Config. Code	Description	Order Number
1624-X-2220-A-415	1624, IEC Appliance Inlet C20, 70°C, version: 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 (x=panel thickness), dimension X: 15, features:	6163.0010
1624-X-9990-A-415	1624, IEC Appliance Inlet C20, 70°C, version: 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 (x=panel thickness), dimension X: 15, features:	6163.0013
1624-X-9990-A-420	1624, IEC Appliance Inlet C20, 70°C, version: 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 (x=panel thickness), dimension X: 20, features:	6163.0014
1624-X-9990-A-425	1624, IEC Appliance Inlet C20, 70°C, version: 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 (x=panel thickness), dimension X: 25, features: not used	6163.0028
1624-X-8880-A-415	1624, IEC Appliance Inlet C20, 70°C, version: 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 (x=panel thickness), dimension X: 15, features: not used	6163.0031
1624-X-9990-A-415V	1624, IEC Appliance Inlet C20, 70°C, version: 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 (x=panel thickness), dimension X: 15, features: V-Lock	6163.0036

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

Connector Overview complete



IEC Connector C19, Rewireable, Straight	0104U
IEC Connector C19, Rewireable, Angled	4790
IEC Connector C19, Rewireable, Straight	4795

[Connector further types to 1624](#)

Power Supply Cord Overview complete



US Power Supply Cord with IEC Connector C13, hospital grade	4300.0920
EU Power Supply Cord with IEC Connector C19, straight/ angled	6004.0395
US Power Supply Cord with IEC Connector C19, straight	6009.5195

[Power Supply Cord further types to 1624](#)

Power Supply or Interconnection Cord Overview complete

Diverse Power Supply and Interconnection Cords 16 A	6003.0395
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[Power Supply or Interconnection Cord further types to 1624](#)



Rewireable Connector for Cable, straight entry Overview complete

IEC Connector C19, Rewireable, Straight	0921
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[Rewireable Connector for Cable, straight entry further types to 1624](#)