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

C20

70° C

See below:
Approvals and Compliances

Description

- Panel mount :
  Snap-in version , from front side
- Appliance Inlet , Pin temperature 70 °C , Protection class I
- Solder or Quick Connect Terminal

References

We recommend for new applications the type 4793

Weblinks

pdf data sheet, html datasheet, General Product Information, Approvals, Distributor-Stock-Check, Accessories, Detailed request for product, Landing Page

Technical Data

Ratings IEC	16 A / 250 VAC; 50 Hz
Ratings UL/CSA	20 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 Temperature	-25 °C to 70 °C
IP-Protection	from front side IP20 acc. to IEC 60529
Protection against electric shock	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Solder or Quick Connect Terminal
Panel Thickness S	Snap-in version 1.5/2/2.5 mm
Material: Housing	PA, black, UL 94V-0

Appliance inlet/-outlet	C20 acc. to IEC 60320-1 UL 60320-1, CSA C22.2 no. 60320-1 (for cold conditions) pin-temperature 70 °C, 16 A, Protection Class I

Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in Details about Approvals

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: 1624

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	Certificate Number: 40026179
	UL Approvals	UL	UL File Number: E96454

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
IEC	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
UL	Designed according to	UL 60320-1	Standard for Attachment Plugs and Receptacles
CSA Group	Designed according to	CSA C22.2 no. 60320-1	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices

Application standards

Application standards where the product can be used

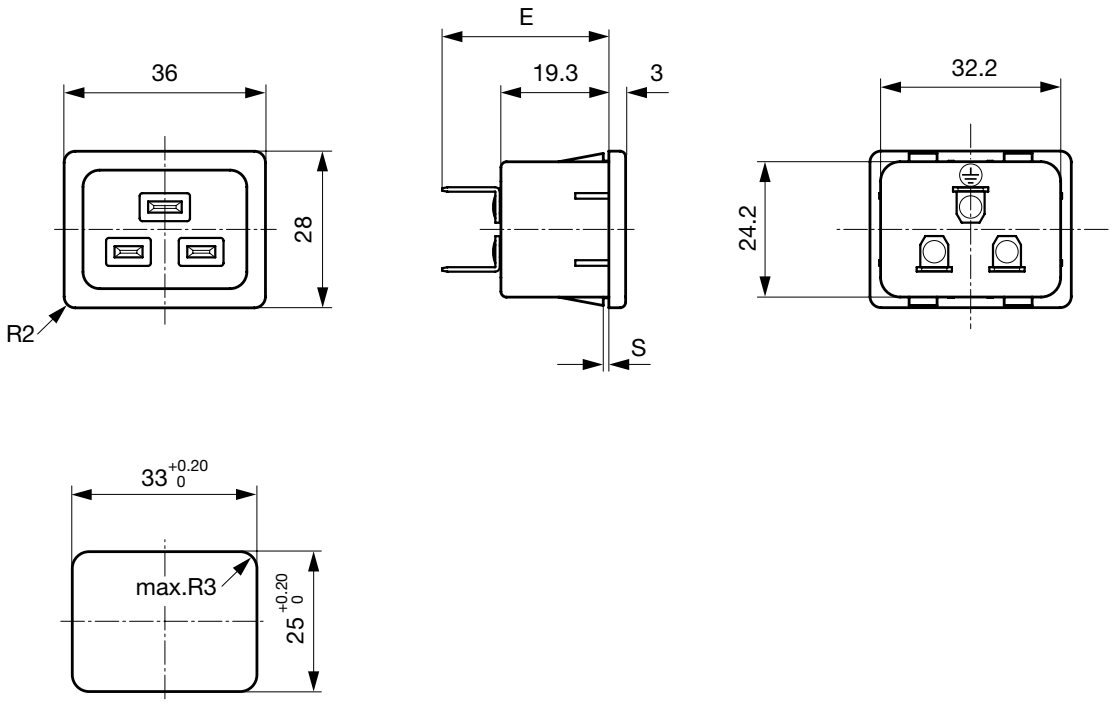
Organization	Design	Standard	Description
IEC	Designed for applications acc.	IEC/UL 62368-1	IEC 62368-1 includes the basic requirements for safety of audio, video, information technology and office equipment.

Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
CE	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
RoHS	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
China RoHS	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
REACH	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

Dimensions [mm]



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

Dimension "S" please ref. to table order code

Config. Code

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

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

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

Type	Configuration key
protection class I	X

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

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

Symbols similar as in table A

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

Symbols similar as in table A

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

Color	Configuration key
Black	A

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

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

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

Dimension "S"	Configuration key
15	
20	
25	
30	

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

All Variants

Terminals L / N	Terminal Ground	Color	Panel Thickness s [1/10 mm]	Config. Code	Order Number
short solder terminal (L = 4.8 mm)	short solder terminal (L = 4.8 mm)	Black	15	1624-X-2220-A-4150	6163.0010
Blade terminal (6.3 x 0.8 mm)	Blade terminal (6.3 x 0.8 mm)	Black	15	1624-X-9990-A-4150	6163.0013
Blade terminal (6.3 x 0.8 mm)	Blade terminal (6.3 x 0.8 mm)	Black	20	1624-X-9990-A-4200	6163.0014
Blade terminal (6.3 x 0.8 mm)	Blade terminal (6.3 x 0.8 mm)	Black	25	1624-X-9990-A-4250	6163.0028
Blade terminal (4.8 x 0.8 mm)	Blade terminal (4.8 x 0.8 mm)	Black	15	1624-X-8880-A-4150	6163.0031

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:https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER

Packaging unit 50 Pcs

Mating Outlets/Connectors

Category / Description

Connector Overview complete

4795, Mounting: Power Cord, Cable Connector: IEC C19	4795
4790, Mounting: Power Cord, Screw Connector: IEC C19	4790
0104U, Mounting: Power Supply Cord, Screw clamps Connector: IEC C19	0104U

Connector further types to 1624

Power Supply Cord Overview complete

Cord Sets 10 A, North America, 3.0 m, Connector IEC C13, SJT 3x18 AWG, Transparent	4300.0920
Cord Sets 16 A, Europlug, 2.5 m, Connector IEC C19, H05VV-F3G1.5, black	6004.0395
Cord Sets 16 A, Interconnection, 1.0 m, Connector IEC C19, H05VV-F3G1.5, black	6020.0392
Cord Sets 16 A, Interconnection, 2.0 m, Connector IEC C19, H05VV-F3G1.5, black	6020.0394
Cord Sets 16 A, North America, 2.5 m, Connector IEC C19, SJT 3x14 AWG, black	6009.5195

Power Supply Cord further types to 1624

Rewireable Connector for Cable, straight entry Overview complete

0921, Mounting: Power Cord, Wire connections 3 x (16-12AWG) Connector: IEC C19	0921

Rewireable Connector for Cable, straight entry further types to 1624

Mating Outlets/Connectors shuttered

Power Cord Overview complete

VAC19KS, Overview, V-Lock cord retaining, diverse Connector IEC C19, diverse, black	VAC19KS

Power Cord further types to 1624

13.05.2020

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments. Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability and test each product selected for their own applications.

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