

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



See below:  
[Approvals and Compliances](#)

**Description**

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

**References**

We recommend for new applications the type [4798](#)

**Weblinks**

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#), [Landing Page](#)

**Technical Data**

Ratings IEC	16A / 250VAC; 50Hz	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, 16A, Protection Class I
Ratings UL/CSA	20A / 250VAC; 60Hz		
Dielectric Strength	> 3kVAC between L-N > 1.5kVAC between L/N-PE (1 min/50Hz)		
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		
Material: Housing	PA, black or grey, UL 94V-0		

**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: 1621

Approval Logo	Certificates	Certification Body	Description
	<a href="#">VDE Approvals</a>	VDE	Certificate Number: 40026179
	<a href="#">UL Approvals</a>	UL	UL File Number: E96454

**Product standards**

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
	Designed according to	UL 60320-1	Standard for Attachment Plugs and Receptacles
	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
	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.

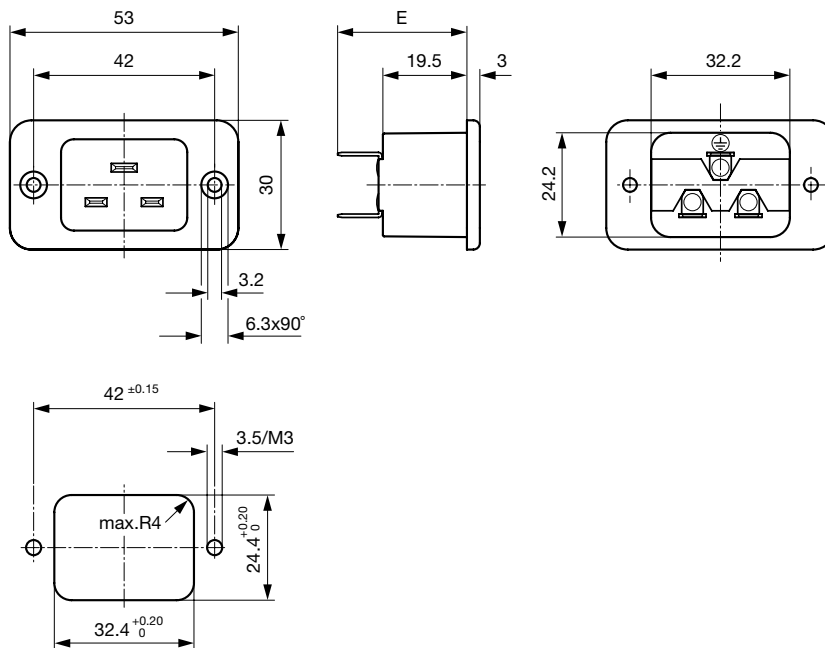
## Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
	<a href="#">CE declaration of conformity</a>	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	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
	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	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]

Screw-on mounting with countersunk holes



E: Solder terminals short: 24.5 mm

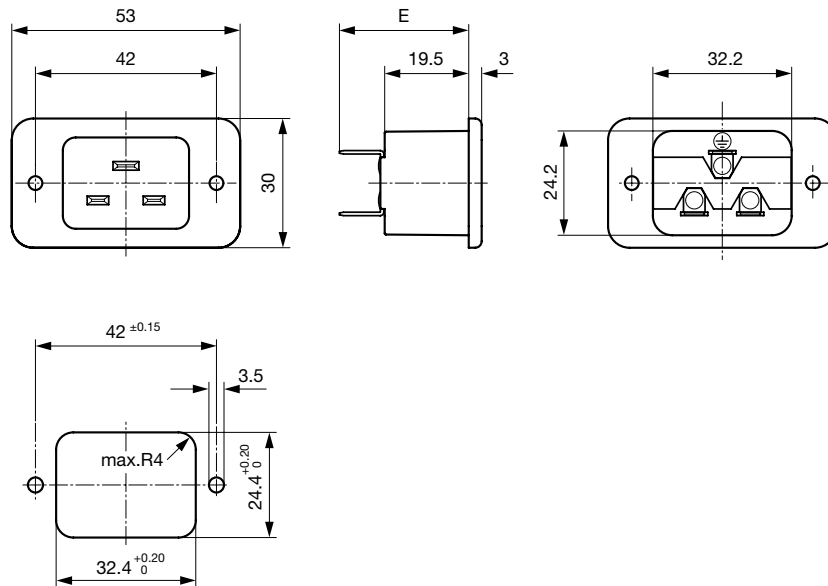
E: Solder terminals long: 28.5 mm

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

Screw-on mounting with through holes (rivet)



- 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**





1621 - H - A B C 0 - D - E

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

1621 - H - A B C 0 - D - E = Type

Type	Configuration key
protection class I	X

1621 - H - A B C 0 - D - E = 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

1621 - H - A B C 0 - D - E = 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

1621 - H - A B C 0 - D - E = 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

1621 - H - A B C 0 - D - E = Color

Color	Configuration key	1621 - H - A B C 0 - D - E = Style	
Black	A	Style	Configuration key
Grey	B	flange with countersunk holes	1
		flange with through holes	2

**All Variants**

Terminals L / N	Terminal Ground	Color	Style	Config. Code	Order Number
short solder terminal (L = 4.8 mm)	short solder terminal (L = 4.8 mm)	black	Flange with countersunk holes	1621-X-2220-A-100	6163.0001
Blade terminal (6.3 x 0.8 mm)	Blade terminal (6.3 x 0.8 mm)	black	Flange with countersunk holes	1621-X-9990-A-100	6163.0004
Blade terminal (6.3 x 0.8 mm)	Blade terminal (6.3 x 0.8 mm)	black	Flange with through holes	1621-X-9990-A-200	6163.0005
Screw terminal	Screw terminal	grey	Flange with countersunk holes	1621-X-AAA0-B-100	6163.0009

The listed variants should be available from stock Other versions on request [www.schurter.com/contact](http://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>

**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 1621](#)

**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 1621](#)