IEC Appliance Inlet C8 polarized, Screw-on Mounting, Front Side, Solder or PCB Terminal

new

C8 polarized

70° C

See below:
Approvals and Compliances

Description
- Panel mount
- Screw-on mounting , front side
- Appliance Inlet , Pin temperature 70 °C , Protection class II
- Solder / PCB terminal

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

Technical Data

Ratings IEC	2.5 A / 250 VAC; 50 Hz
Ratings UL/CSA	2.5 A / 250 VAC; 60 Hz
	7 A / 125 VAC; 60 Hz
Dielectric Strength	> 1.5 kVAC between L-N
	> 3 kVAC between L/N-PE
	(1 min/50 Hz)
Allowable Operation Temperature	-25 °C to 70 °C
IP-Protection	front side IP20 acc. to IEC 60529
Protection against electric shock	Suitable for appliances with protection class II acc. to IEC 61140
Material: Housing	PA6, black / grey / white, UL 94V-0

Appliance inlet/-outlet	C8p acc. to IEC 60320-1 UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 2.5 A, Protection Class II

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: 2577

Approval Logo	Certificates	Certification Body	Description
VDE	VDE Approvals	VDE	VDE Certificate Number: 40034368
cULus	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 498	Standard for Attachment Plugs and Receptacles
CSA Group	Designed according to	CSA C22.2 no. 42	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices

Application standards

Application standards where the product can be used

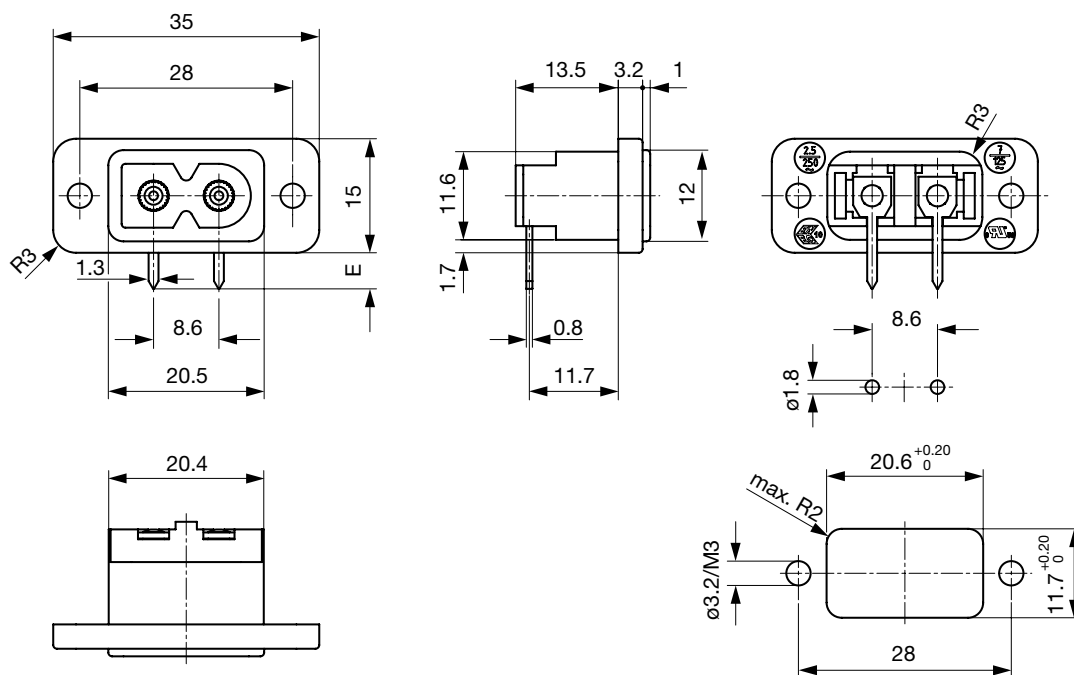| Organization	Design	Standard	Description
IEC	Designed for applications acc.	IEC/UL 62368-1	IEC 62368-1 includes the basic requirements for safety of audio, video, information technology and office equipment.

Compliances

The product complies with following Guide Lines

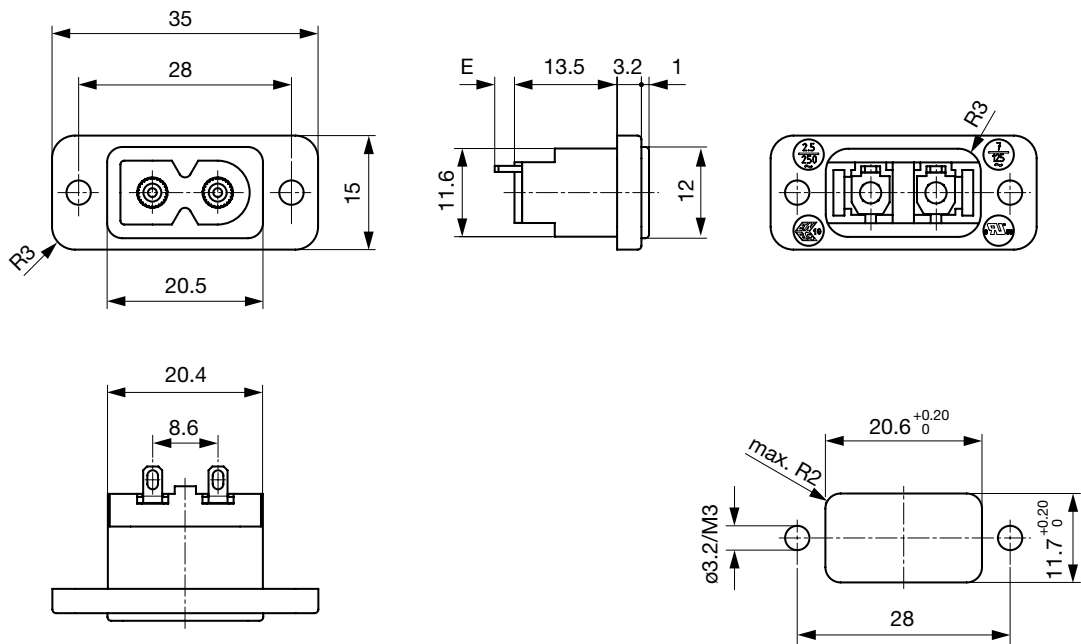| Identification	Details	Initiator	Description
CE	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
RoHS COMPLIANT	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
50	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]

PCB

E: PCB terminal standard: 4.8 mm
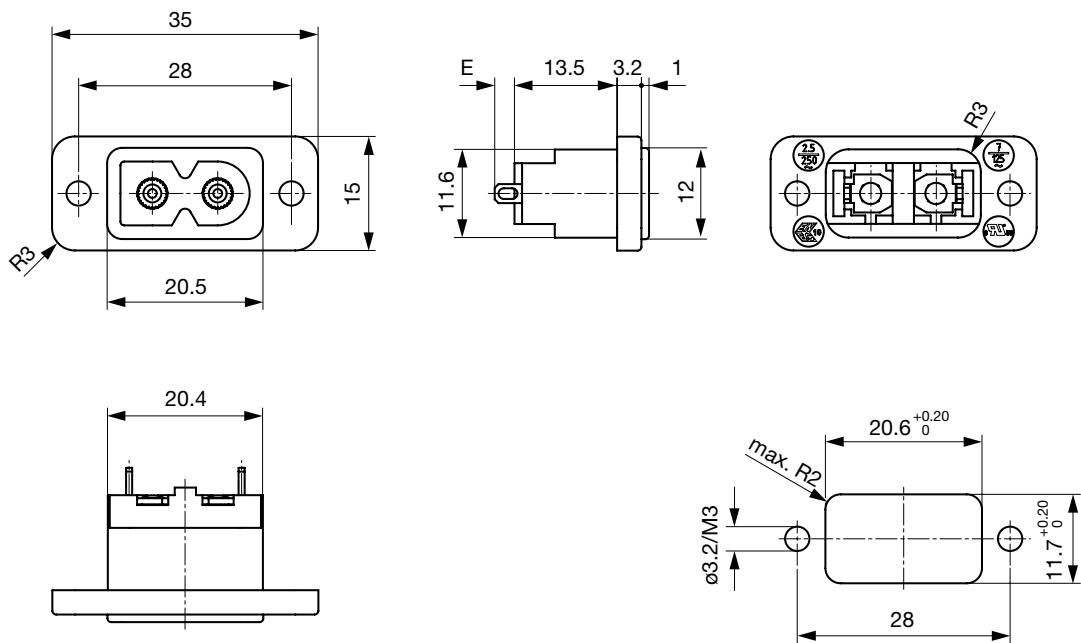E: PCB terminal short: 3.2 mm
E: PCB terminal long: 5.9 mm
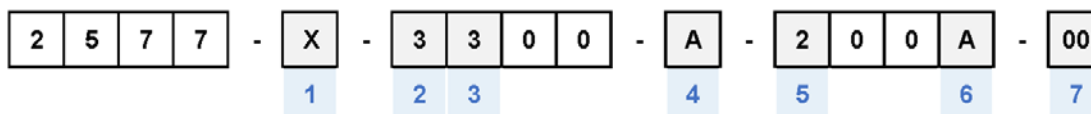
Terminals orientation A

E: Solder terminals long: 7.3 mm (L=8.5 mm)

Terminals orientation B

E: Solder terminals long: 7.3 mm (L=8.5 mm)

2	5	7	7	-	X	-	3	3	0	0	-	A	-	2	0	0	A	-	00
					1		2	3				4		5			6		7

Version		1
Appliance inlet C8 polarized (PCII)	=	X

Terminal L		2
Solder, L=5mm, with Large Soldering Hole	1) =	1
Solder, L=8.5mm 4 = PCB, with Solder Terminal	=	3
PCB, with Solder Terminal	27) =	4
PCB, Short, with Solder Terminal	27) =	5
PCB, Long, with Solder Terminal	27) =	6
PCB	=	A
PCB, Short	=	B
PCB, Long	=	C

Terminal N		3
Solder, L=5mm, with Large Soldering Hole	1) =	1
Solder, L=8.5mm 4 = PCB, with Solder Terminal	=	3
PCB, with Solder Terminal	27) =	4
PCB, Short, with Solder Terminal	27) =	5
PCB, Long, with Solder Terminal	27) =	6
PCB	=	A
PCB, Short	=	B
PCB, Long	=	C

Colour		4
black	=	A
grey	=	B
white	=	D

Mounting		5
Rivet	=	2

Orientation of termianls		6
Horizontal	=	A
Vertikal	=	B

Customer specific types		7

1) Only on request
27) Orientation A only

All Variants

Terminals L / N	Orientation of Terminals	Color	Style	Config. Code	Order Number
long solder terminal (L = 8.5 mm)	horizontal	Black	flange with through holes	2577-X-3300-A-200A	6160.0102
PCB-terminal standard (additional solder terminal)	horizontal	Black	flange with through holes	2577-X-4400-A-200A	6160.0103
PCB-terminal (short)	horizontal	Black	flange with through holes	2577-X-BB00-A-200A	6160.0104
PCB-terminal (long)	horizontal	Black	flange with through holes	2577-X-CC00-A-200A	6160.0105

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

Availability for all products can be searched real-time:https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER

Packaging unit	100 Pcs