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



C8 polarized



Description

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

See below:

Approvals and Compliances

References

Last order date: 30.03.2025 Last delivery date: 30.06.2025

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	Appliance inlet/-outlet
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 Tempe-	-25 °C to 70 °C	
rature		
IP-Protection	front side IP20 acc. to IEC 60529	
Protection against electric	Suitable for appliances with protection	
shock	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
₽ E	VDE Approvals	VDE	VDE Certificate Number: 40034368
c FU °us	UL Approvals	UL	UR File Number: E96454

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
<u>IEC</u>	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
(h)	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

Or	ganization	Design	Standard	Description
<u>IE</u>	○	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements

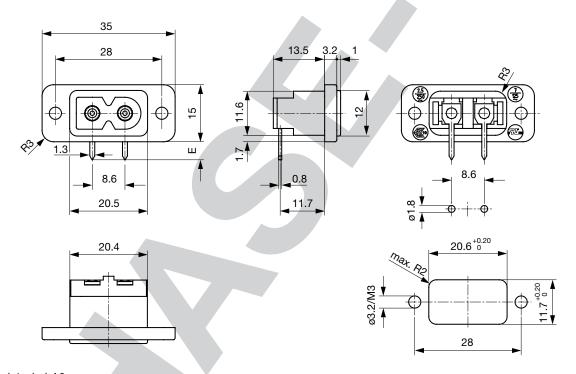
Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
C€	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.
UK CA	UKCA declaration of conformity	SCHURTER AG	The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008.
ROHS	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
5 0	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

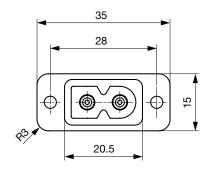


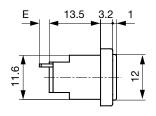
E: PCB terminal standard: 4.8 mm

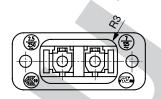
E: PCB terminal short: 3.2 mm

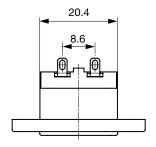
E: PCB terminal long: 5.9 mm

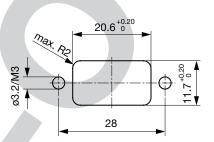
Terminals orientation A





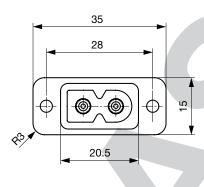


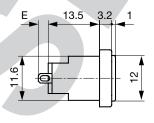


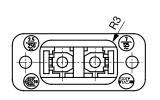


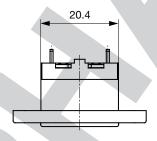
E: Solder terminals long: 7.3 mm (L=8.5 mm)

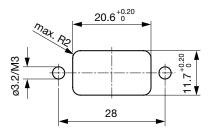
Terminals orientation B











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

Order number key

2 5 7 7 -	x -	3	3	0	0	-	Α	-	2	0	0	Α	-	00
	1	2	3				4		5			6		7

Appliance inlet C8 polarized (PCII) = Terminal L Solder, L=5mm, with Large Soldering Hole 1) = Solder, L=8.5mm 4 = PCB, with Solder Terminal PCB, with Solder Terminal 27) = PCB, with Solder Terminal 27) = PCB, Long, with Solder Terminal 27) = PCB, Long, with Solder Terminal 27) = PCB, Short PCB, Long = Terminal N Solder, L=5mm, with Large Soldering Hole 1) = Solder, L=8.5mm 4 = PCB, with Solder Terminal 27) = PCB, Short, with Solder Terminal 27) = PCB, Long, with Solder Terminal 27) = PCB, Long, with Solder Terminal 27) = PCB, Long, with Solder Terminal 27) = PCB, Long = Colour	
Terminal L Solder, L=5mm, with Large Soldering Hole Solder, L=8.5mm 4 = PCB, with Solder Terminal PCB, with Solder Terminal PCB, Short, with Solder Terminal PCB, Long, with Solder Terminal PCB, Long, with Solder Terminal PCB, Short PCB PCB, Short PCB, Long Terminal N Solder, L=5mm, with Large Soldering Hole Solder, L=8.5mm 4 = PCB, with Solder Terminal PCB, with Solder Terminal PCB, with Solder Terminal PCB, Short, with Solder Terminal PCB, Long, with Solder Terminal PCB, Long, with Solder Terminal PCB, Long PCB PCB, Short PCB PCB, Short PCB PCB, Short PCB, Long Colour Black Grey White Mounting Rivet Orientation of termianls Horizontal Vertikal Solder Terminal PCB	1
Solder, L=5mm, with Large Soldering Hole Solder, L=8.5mm 4 = PCB, with Solder Terminal PCB, with Solder Terminal PCB, Short, with Solder Terminal PCB, Long, with Solder Terminal PCB, Long, with Solder Terminal PCB, Short PCB PCB, Short PCB, Long Terminal N Solder, L=5mm, with Large Soldering Hole Solder, L=8.5mm 4 = PCB, with Solder Terminal PCB, with Solder Terminal PCB, with Solder Terminal PCB, Short, with Solder Terminal PCB, Long, with Solder Terminal PCB, Long, with Solder Terminal PCB, Long, with Solder Terminal PCB, Long PCB PCB, Short PCB, Long Colour Black grey white Mounting Rivet Orientation of termianls Horizontal Vertikal 1) = 27) = 27 PCB PCB PCB, Short PCB, Short PCB, Long PCB PCB, Short PCB PCB, Short PCB PCB, Short PCB PCB, Short PCB PCB PCB, Short PCB	Χ
Solder, L=8.5mm 4 = PCB, with Solder Terminal	2
Solder, L=5mm, with Large Soldering Hole Solder, L=8.5mm 4 = PCB, with Solder Terminal PCB, with Solder Terminal PCB, Short, with Solder Terminal PCB, Long, with Solder Terminal PCB, Long, with Solder Terminal PCB PCB PCB PCB, Short PCB, Long Colour black grey white Mounting Rivet PCB Orientation of termianls Horizontal Vertikal 1) = 10 = No. 1 = No.	1 3 4 5 6 A B C
Solder, L=8.5mm 4 = PCB, with Solder Terminal	3
black = grey = white = Mounting Q Rivet = Orientation of termianls Horizontal = Vertikal =	1 3 4 5 6 A B C
grey = White = Mounting Q	4
Rivet = Orientation of termianls Horizontal = Vertikal =	A B D
Orientation of termianls Horizontal = Vertikal =	5
Horizontal = Vertikal =	2
Vertikal =	6
	Α
Customer enecific types	В
Customer specific types	7

- 1) Only on request
- 27) Orientation A only

All Variants

Terminals L / N	Orientation of Ter- minals	Color	Style	Config. Code	Order Number
long solder terminal ($L = 8.5 \text{ mm}$)	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

 $Availability for all products can be searched real-time: \\ https://www.schurter.com/en/info-center/support-tools/stock-check-distributors$

Packaging unit

100 Pcs



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 $6160.0143 \ 6160.0104 \ 6160.0101 \ 6160.0103 \ 6160.0102 \ 6160.0106 \ 6160.0105$