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



C8 polarized

70° C

See below:

Approvals and Compliances

Description Weblinks

- Panel mount
- Screw-on mounting, from front side
- Appliance Inlet , Pin temperature 70 °C , Protection class II
- Solder, Quick Connect or PCB Terminal

pdf datasheet, html-datasheet, General Product Information, 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 Tempe-	-25 °C to 70 °C
rature	
IP-Protection	from front side IP 20 acc. to IEC 60529
Insulation cover	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

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
_DVE	VDE Approvals	VDE	VDE Certificate Number: 40034368
c FL °us	UL Approvals	UL	UL 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
(UL)	Designed according to	UL 498	Standard for Attachment Plugs and Receptacles
GSA 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
<u>IEC</u>	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.

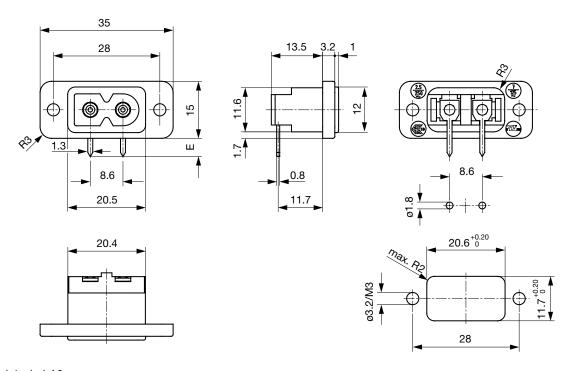
Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
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.
ROHS	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
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.

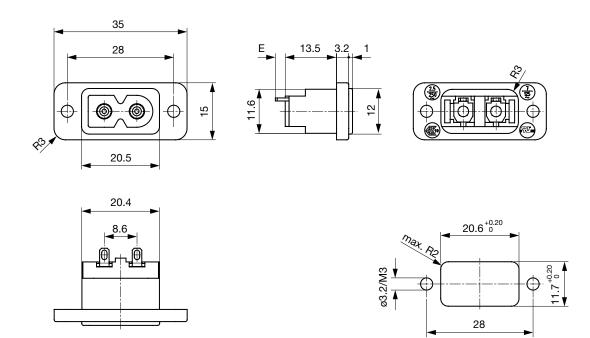
Dimensions [mm]

Solder terminals for PCB



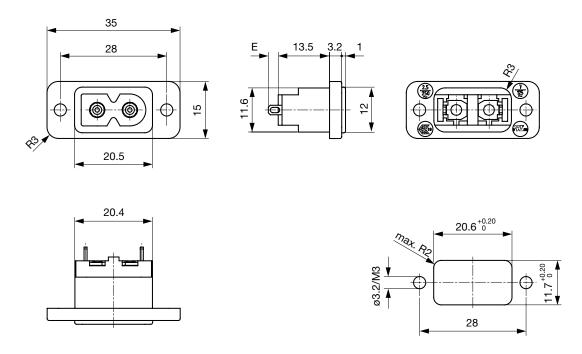
E: PCB terminal standard: 4.8 mm E: PCB terminal short: 3.2 mm E: PCB terminal long: 5.9 mm

Terminals orientation A



- E: Solder terminals short: 3.6 mm (L=4.8 mm) E: Solder terminals long: 7.3 mm (L=8.5 mm)
- E: Quick connect terminals 2.8x0.8 mm: 9.6 mm

Terminals orientation B



- E: Solder terminals short: 3.6 mm (L=4.8 mm) E: Solder terminals long: 7.3 mm (L=8.5 mm)
- E: Quick connect terminals 2.8x0.8 mm: 9.6 mm

Config. Code

2577 - H - A B C 0- D - E G F

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

2577 - H - A B C 0- D - E G F = Type		Terminal N	Configuration key
Туре	Configuration	Blade terminal (2.8 x 0.8 mm)	7
	key	PCB-terminal (standard)	Α
protection class II	X	PCB-terminal (short)	В
		PCB-terminal (long)	С
		Symbols similar as in table A	
2577 - H - A B C 0- D - E G F = Terminals		,	
Terminal L	Configuration key	2577 - H - A B C 0- D - E G F = Terminals	
		Terminal Ground	Configuration
short solder terminal (L = 4.8 mm)	$\left[\bigcirc \right]$ 2		key
		without terminal	0
		Symbols similar as in table A	
long solder terminal ($L = 8.5 \text{ mm}$)	3		
	-	2577 - H - A B C 0- D - E G F = Color	
PCB-terminal standard (additional solder terminal)	4		
r ob-terminal standard (additional solder terminal)	\	Color	Configuration key
	r@	Plack	
PCB-terminal short (additional solder terminal)	5	Black	A B
	V	Grey White	D
		Wille	U
PCB-terminal long (additional solder terminal)	6		
	•		
Blade terminal (2.8 x 0.8 mm)	0 7	2577 - H - A B C 0- D - E G F = Style	
,		Chilo	Configuration
		Style	Configuration key
PCB-terminal (standard)	A	flange with countersunk holes	1
	V	flange with through holes	2
DOD Assessing (about)		g	
PCB-terminal (short)	В	of the second se	•
		2577 - H - A B C 0- D - E G F = Dimension	S
PCB-terminal (long)	C	Dimension "S"	Configuration
	V		key
		00	
2577 - H - A B C 0- D - E G F = Terminals		The dimension "S" is displayed in (1/10 mm). This informational order code	on is also valid for the
Terminal N	Configuration		
	key	2577 - H - A B C 0- D - E G \mathbf{F} = Orientation	of Terminals
short solder terminal (L = 4.8 mm)	2	Orientation of Torreinals	OE
long solder terminal (L = 8.5 mm)	3	Orientation of Terminals	Configuration key
PCB-terminal standard (additional solder terminal)	4	horizontal	A
PCB-terminal short (additional solder terminal)	5	vertical	В
PCB-terminal long (additional solder terminal)	6	Tortious	

Symbols similar as in table A

All Variants

Terminals L / N	Orientation of Ter- minals	Color	Style	Config. Code	Order Number
short solder terminal ($L = 4.8 \text{ mm}$)	horizontal	Black	flange with through holes	2577-X-2200-A-200A	6160.0101
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
Blade terminal (2.8 x 0.8 mm)	horizontal	Black	flange with through holes	2577-X-7700-A-200A	6160.0106
short solder terminal (L = 4.8 mm)	vertical	Black	flange with through holes	2577-X-2200-A-200B	6160.0143

The listet 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

Mating Outlets/Connectors

Category / Description



Power Supply Cord Overview complete

Cord Sets 2.5 A, North America, Black, 2.5 m, SVT 2x18AWG, IEC C7p, 002500 mm, SVT 2x18 AWG, black

6052.0047

Power Supply Cord further types to 2577