

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



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

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
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
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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 Approvals	VDE	VDE Certificate Number: 40034368
	UL Approvals	UL	UR 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 498	Standard for Attachment Plugs and Receptacles
	Designed according to	CSA C22.2 no. 42	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices

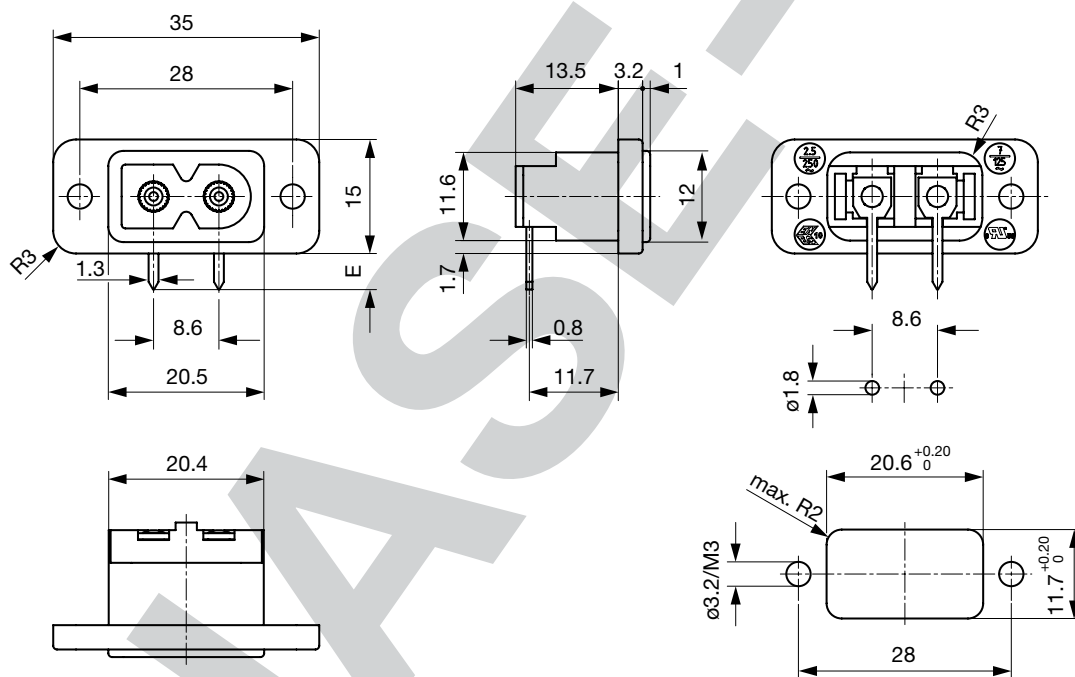
Application standards where the product can be used

Compliances

The product complies with following Guide Lines

Dimensions [mm]

PCB

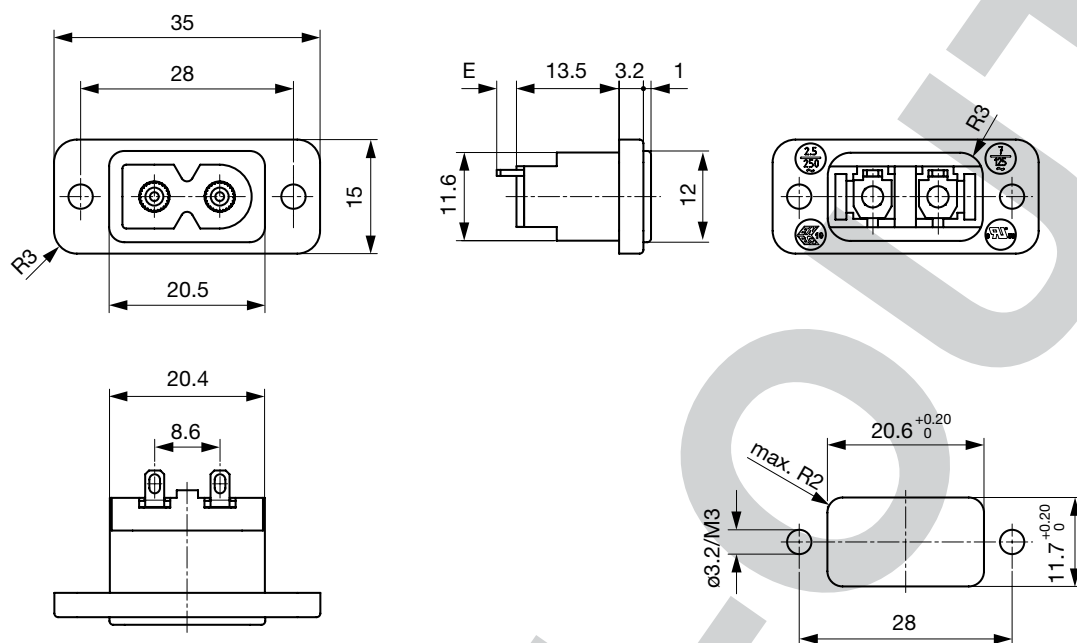


E: PCB terminal standard: 4.8 mm

E: PCB terminal short: 3.2 mm

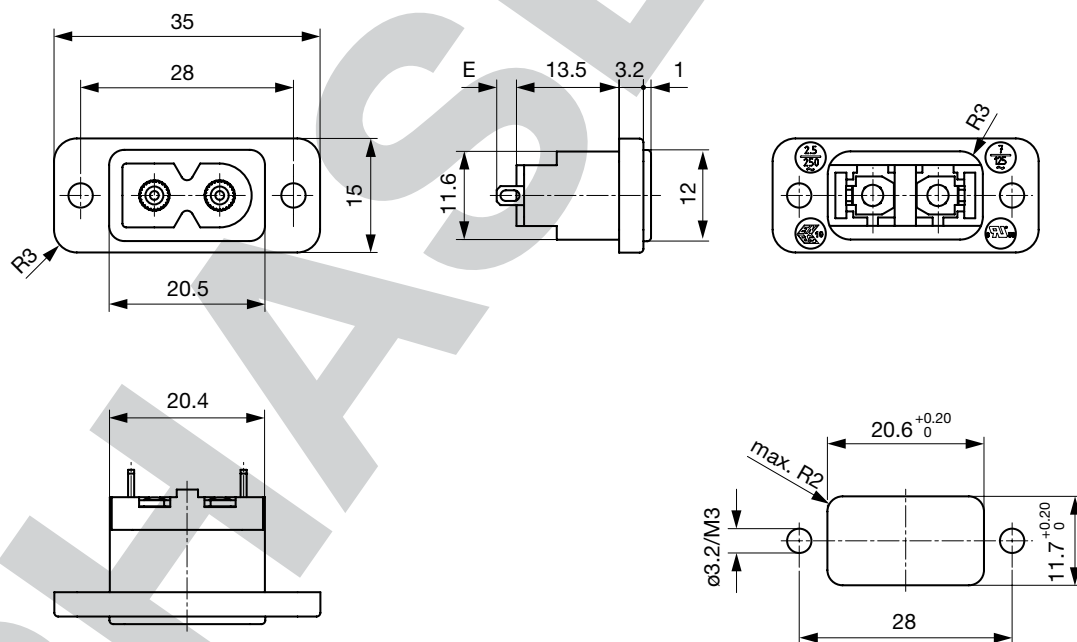
E: PCB terminal long: 5.9 mm

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	-	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 terminals		6
Horizontal	=	A
Vertikal	=	B

Customer specific types		7
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- 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/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](#)