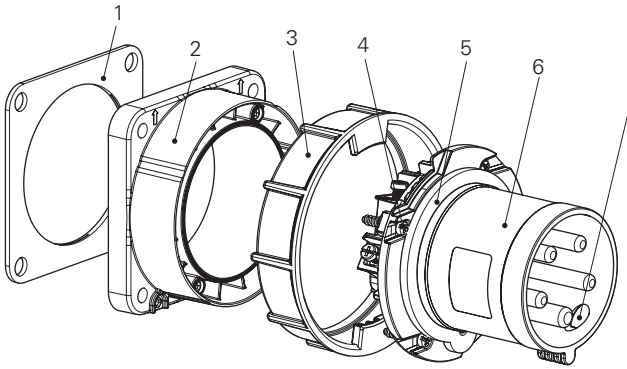
Power TWIST UL
CEE-Flanged plug 60A

PCE

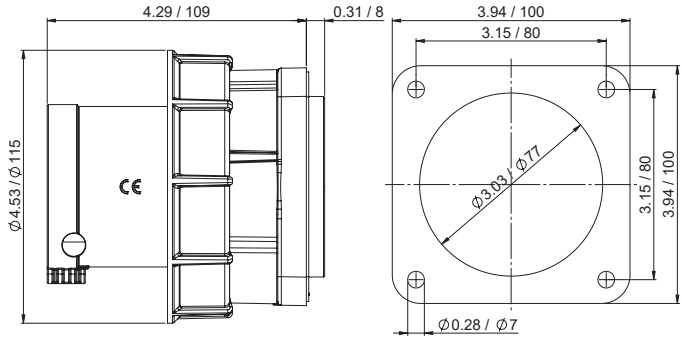
EN

Product overview



1. Flange gasket
2. Flange
3. Locking ring
4. Housing screws (4x)
5. Gasket
6. Collar part with contact carrier
7. Opening for padlock

Dimensions [inch / mm]



Rating	clock position	symbol	voltage	HP-rating
2P3W (3p)	4h		120 VAC	2
	5h		277 VAC	5
	6h		250 VAC	3
	7h		480 VAC	7.5
3P4W (4p)	3h		380 VAC / 440 VAC	10
	5h		600 VAC	25
	6h		380 VAC	10
	7h		480 VAC	20
	9h		250 VAC	7.5
	12h		120/250 VAC single phase	2/3
4P5W (5p)	2h		>50 V, >300-500 Hz	
	5h		347/600 VAC	25
	6h		200/346 to 240/415 VAC	10
	7h		277/480 VAC	20
	9h		120/208 VAC	7.5

Intended use

The product is suitable for:

- Industrial applications, the construction industry, data centers, ports and shipyards, event areas, etc.
- Use with complementary connectors as specified in the technical data

Improper use

Use in an explosive atmosphere is considered improper use and is prohibited.

Safety information

NOTE

Installation must only be carried out by a qualified electrician in accordance with national and local electrical regulations and the following instructions.

- Comply with country-specific directives, regulations and product standards
- Check technical specifications and suitability for use!
- Follow these quick-start instructions

WARNING

Risk of electric shock from live equipment!

Ensure disconnection from power by observing the five safety steps before starting any work:

- Disconnect
- Secure power switch against being turned back on
- Verify absence of voltage
- Ground and short-circuit
- Cover or cordon off neighboring live parts

WARNING

Danger if operated incorrectly!

- Immediately take product out of operation if contacts are dirty or corroded
- When plugging into the complementary connector, make sure that the locking ring is correctly engaged and that no water or dirt particles enter the connector.

PC Electric GmbH cannot assume liability for any damage resulting from failure to comply with these instructions

Responsibility of the operator

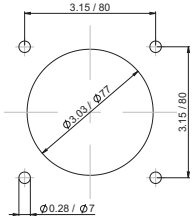
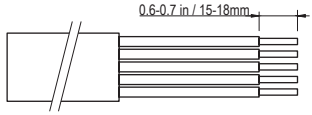
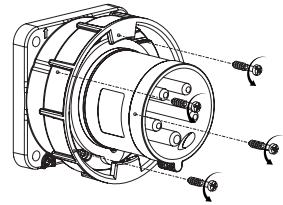
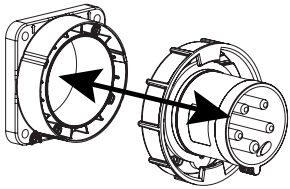
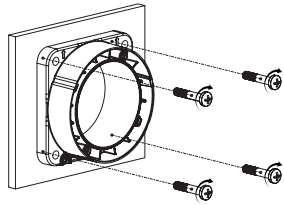
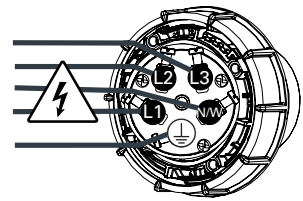
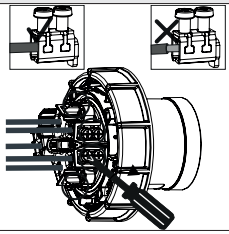
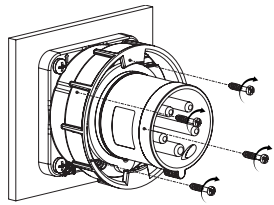
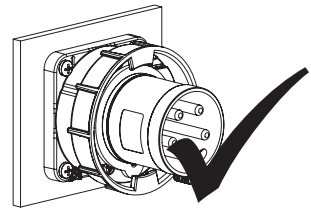
- Follow these quick-start instructions
- Check product for damage before every use

Technical data	
IP protection class	IP6X, X6, X7, X9k
NEMA protection class	4, 4X
Ambient temperature	-13 °F to +104 °F / -25 °C to +40 °C
Ambient temperature (storage and transportation)	-40 °F to +158 °F / -40 °C to +70 °C
Operating temperature	-13 °F to +176 °F / -25 °C to +80 °C
Rated current	60 A
Rated insulation voltage	max. 690 V
Contacts	brass nickel-plated
Flange and collar part material	PA6, black
Contact carrier material	PA6 GF20
Locking ring material	PC, black
Conductor cross-section	AWG 10 - AWG 4 (copper only)
UL94 flammability	V-2 Contact-carrying parts: 1562 °F / 850 °C Non contact-carrying parts: 1202 °F / 650 °C
Torque for housing screws	17.7 lbf-in / 200 Ncm
Torque for terminal screws	17.7 lbf-in / 200 Ncm
Length for stripping connecting cables	0.59 - 0.71 in / 15 - 18 mm
Weight	3p: 1.04 lb / 474 g 4p: 1.10 lb / 497 g 5p: 1.21 lb / 550 g
Test marks	c UL us LISTED

Conformity

The product complies with the requirements of the IEC 60309-2, UL 1682 CSA C22.2 No. 182.1 and UL 1686 standards.

Assembly (example 4P5W - 5p 6h)

1. Drill mounting and fixing holes	2. Strip connection cables	3. Loosen housing screws
		
4. Separate flange from contact carrier	5. Fasten the flange and check that the flange gasket is correctly seated	6. Insert connection cables completely into the terminals and connect according to the pin assignment
		
7. Tighten terminal screws to the torque specified in the technical data	8. Insert the contact carrier into the flange and tighten the screws according to the torque	9. Assembly completed
		

PC Electric GmbH
Diesseits 145
4973 St.Martin im Innkreis
AUSTRIA
TEL +43 7751 61220
office@pcelectric.at
www.pcelectric.at

Article-no.: 11228
© PC Electric GmbH
Changes in the sense of technical development and possible printing errors reserved.