PCE

Connection
to the future



c UL us
LISTED

IEC 60309 Series II

IEC Wiring Devices

Pin and Sleeve 20/30/60A – UL1682

MADE IN AUSTRIA



PCE

Connection
to the future

PC ELECTRIC GMBH

PCE is a world leader in the development and production of industrial plugs and sockets with an export share of over 80%! Since the first production of CEE plugs and sockets in 1973 the company continued to develop and to become an international group.

PCE offers a wide range of high quality products for various applications in the electrical installation sector. The range is constantly updated and currently includes approximately 23.000 items. In addition to our standard products PCE is able to produce customer-specific configurations on modern injection molding and metal processing plants within a few days.

High level of quality (ISO 9001:2015 Certification), flexibility and constant innovation of products and processes are among the most important factors of our successful customer-oriented strategy.
Speed is top priority! Rapid delivery times and reliability through efficient manufacturing methods and uncomplicated order processing have been appreciated by our customers for years.

Continuous innovation of products and processes paired with the close cooperation with our customers makes PCE a strong, worldwide partner for the professional use of industrial plugs and sockets in electrical installation!

www.pcelectric.com



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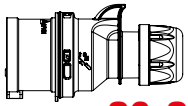
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REAL-WORLD APPLICATIONS FOR

Key Advantages of UL1682 Pin & Sleeve Devices

High Safety Level
- Ground-first / break-last design reduces shock risk during connection and disconnection.
- Polarized pin configuration prevents mismatching of voltage, amperage, and phase.
- Dead-front construction minimizes accidental contact with live parts.

Rugged & Durable
- Built for heavy-duty industrial use.
- Resistant to impact, vibration, corrosion, moisture, dust, and chemicals.
- Typically rated IP44 to IP67, suitable for wet and washdown locations.

Reliable Electrical Performance
- Maintains consistent contact pressure, reducing overheating and arcing.
- Handles high currents and voltages more safely than standard straight-blade devices.
- Suitable for continuous-duty applications

Prevents Improper Connections
- Mechanical keying by voltage, frequency, phase and amperage.
- Eliminates accidental cross-connection between incompatible systems.
- Enhances system reliability and reduces equipment damage.

Compliance & Acceptance
- UL 1682 listing ensures compliance with U.S. safety standards.
- Commonly accepted by NEC (Article 406) for industrial and commercial installations.
- Widely used in refineries, factories, shipyards, data centers, and construction sites.

Easy Maintenance & Modular Use
- Plug-and-play design allows quick equipment change-out.
- Reduces downtime compared to hard-wired connections.
- Interchangeable within the same rating and configuration.

Long Service Life
- Lower wear compared to straight-blade connectors.
- Designed for thousands of mating cycles.
- Reduced replacement and maintenance costs over time.



PIN-AND-SLEEVE DEVICES



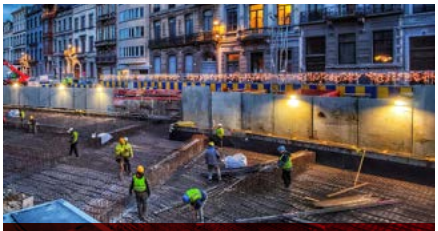
INDUSTRIAL MANUFACTURING

Used to power:
- Motors, pumps and compressors
- CNC machines and machining centers
- Packaging and processing equipment
- Material-handling systems (conveyors, hoists, lifts)



HEAVY-DUTY HIGH-CURRENT EQUIPMENT

Because they are available up to high amperages, they're used for:
- Welders
- Industrial ovens
- Large air-handling units
- High-power chargers or rectifiers



CONSTRUCTION SITES

Portable and rugged connectors are ideal for:
- Temporary power distribution panels
- Portable generators
- Heavy tools and mobile equipment
- Site lighting and power boxes



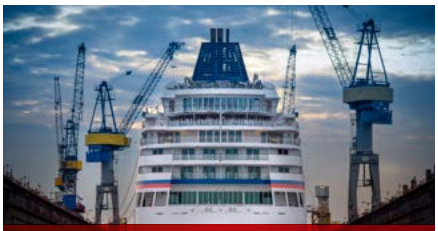
FOOD & BEVERAGE FACILITIES / WASH-DOWN ENVIRONMENTS

Weather-resistant, watertight variants are used for:
- Sanitary processing equipment
- Wash-down-rated machinery
- Outdoor refrigeration systems



ENTERTAINMENT / EVENTS STAGE & THEATER

Common in temporary high-power setups:
- Stage lighting systems
- Audio/visual power distribution
- Portable power distribution boxes



MARINE & SHIPYARDS

Used in harsh outdoor environments:
- Shore power connections
- Shipyard tools and welding equipment
- Deck machinery power points



DATA CENTERS AND IT INFRASTRUCTURE

Used when:
- Modular equipment needs high-current connectors
- PDUs (power distribution units) require removable pin-and-sleeve inlets



MINING, QUARRY AND HEAVY INDUSTRIAL OUTDOOR SITES

Their rugged construction suits:
- Drilling equipment
- Crushers and processing units
- Portable site power



COMMERCIAL FACILITIES

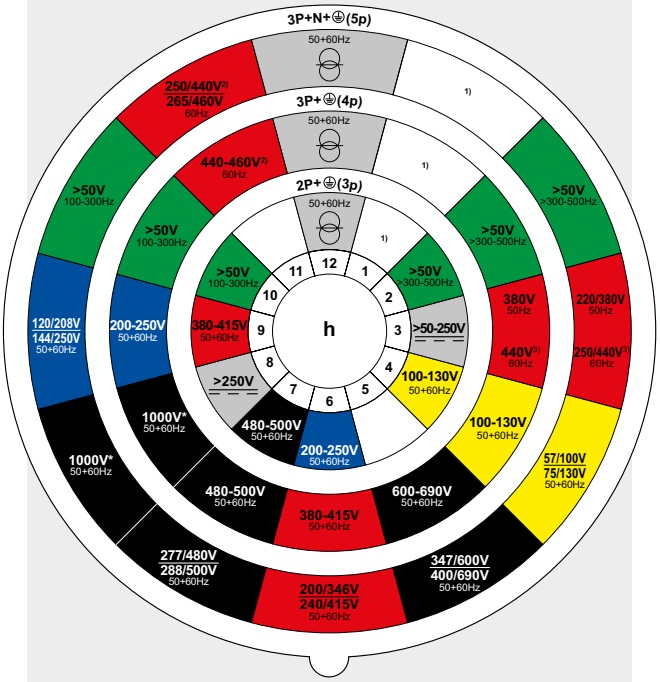
Used where commercial equipment requires more robust connectors, such as:
- Commercial kitchen appliances
- Large laundry machines HVAC units requiring high-amp connections

GENERAL INFORMATION

Clock positions (for appliances >50V)

Position of the earthing contact- viewed from frontside of socket or connector:

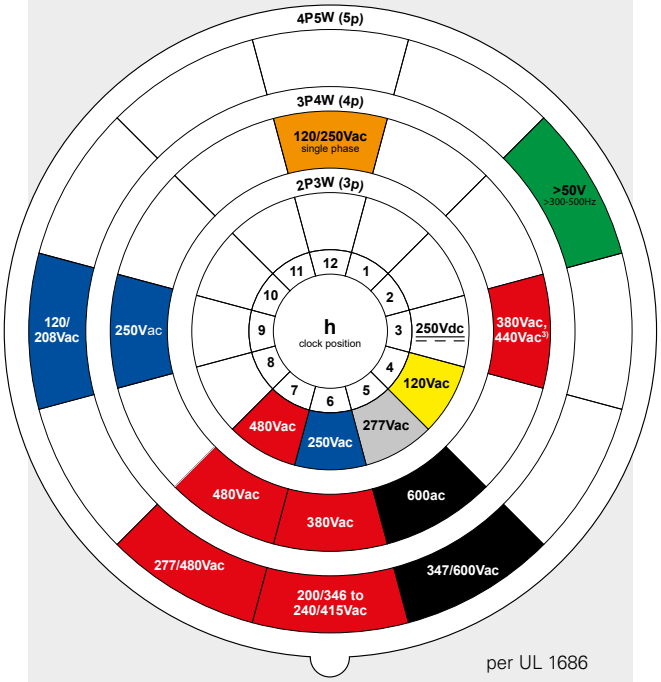
International Rating - Series I



[1] Clock position not standardized- free for use for special applications
[2] Mainly for ship installations
[3] Only for refrigerated containers

For our complete product line of Series I products, check out our full line catalog @ **www.pcelectric.com**

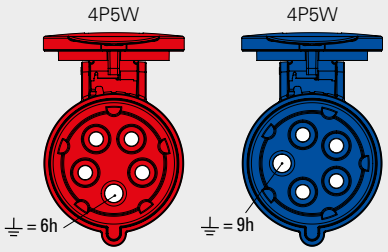
North American Rating - Series II



per UL 1686

Example:

Position of the earthing contact- viewed from frontside of socket or connector:



Color codes IEC 60309 SERIES I

For ease of identification of the various voltages and frequencies all CEE plugs and sockets are color coded.

Rated operating voltage:	20–25V	40–50V	100–130V	200–250V	380–480V	500–1000V	>60–500Hz	no colour code
Color: [1) 2)]	violet	white	yellow	blue	red	black	green	grey

1) For frequencies over 60 Hz up to and including 500 Hz, the colour green may be used, if necessary, in combination with the colour for the rated operating voltage.
2) In countries where accessories of series II current ratings are used, the colour orange is reserved for 125/250 VAC and the colour grey is reserved for 277 VAC accessories.

Reference standards

UL 1682 **CSA C22.2 182.1**	UL Standard for Safety for Plugs, Receptacles and Cable Connectors of the Pin and Sleeve Type. The devices comply with the Bi-National Standard for Attachment Plugs and Receptacles UL1682/CSA C22.2 No. 182.1.
UL 1686 **CSA C22.2 No. 182.6**	Pin and Sleeve configurations
IEC 60309-1	Plugs, socket-outlets and couplers for industrial purposes – Part 1: General requirements
IEC 60309-2	Plugs, socket-outlets and couplers for industrial purposes – Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories



CEE and IEC

The term „CEE" generally refers to Industrial Plugs and Sockets that comply with International Standard IEC 60309.
CEE is the abbreviation of „International **C**ommission on rules for the approval of **E**lectrical **E**quipment".

CONFORMITY TO STANDARDS
CEE plugs and sockets are internationally normalized by IEC 60309-1 and IEC 60309-2 equivalent to the European Norms EN IEC 60309 part 1 and EN IEC 60309 part 2. IEC is the „International Electrotechnical Commission" - which is the world organization for international standardization of electrical equipment.

SYSTEM
The standard CEE plugs and sockets according to EN IEC 60309 respectively IEC 60309 are designed in their main dimensions in a way that plugs and sockets with the same rated currents, nominal working voltage ranges, the same number of poles and frequency of different producers are compatible.
In order to prevent the insertion of plugs and sockets of different voltages and frequencies, 12 positions of the earthing contact are assigned to the polarizing slot of the skirt of a socket.
The number with the following letter „h" indicates the position of the earth contact tube, comparing the front side of the socket or connector with the face of a clock.
The keyway is situated at 6 o'clock (6h).

PRODUCT INFORMATION

Features and benefits 20/30A



HOLDING NOSE (SHARK DESIGN)
(for lid from connector)

LOCKING RING
(IP67)

RUBBER GASKET
(IP67)

PATENTED STRAIN RELIEF and SEAL
(self adjusting to fit any cable diameter)

SOLID BRASS PINS
(optional nickel plated)

HOUSING MATERIAL
(high durable polyamide plastic material)

KEY
to insert into key-way from connector or socket



CABLE GLAND NUT
captive

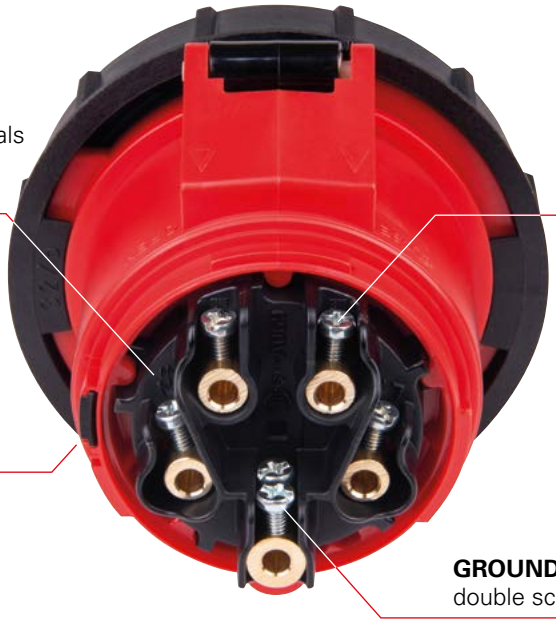
HINGED LID
spring loaded, with locking ring and rubber gasket (IP67)

TWIST LOCK
multi-ramp locking system, toolfree mounting

KEYWAY
for key of plug to insert



Example screw terminals
(connector backside)



TERMINAL MARKING
ground, neutral and phase terminals are clearly marked for easy identification and wiring

MULTI SLOT SCREWS
to use with slotted and Phillips screwdriver, all accessible from one direction

PATENTED LOCKING SYSTEM
for toolfree mounting

GROUND PIN ADVANCED
double screw clamping

PRODUCT INFORMATION

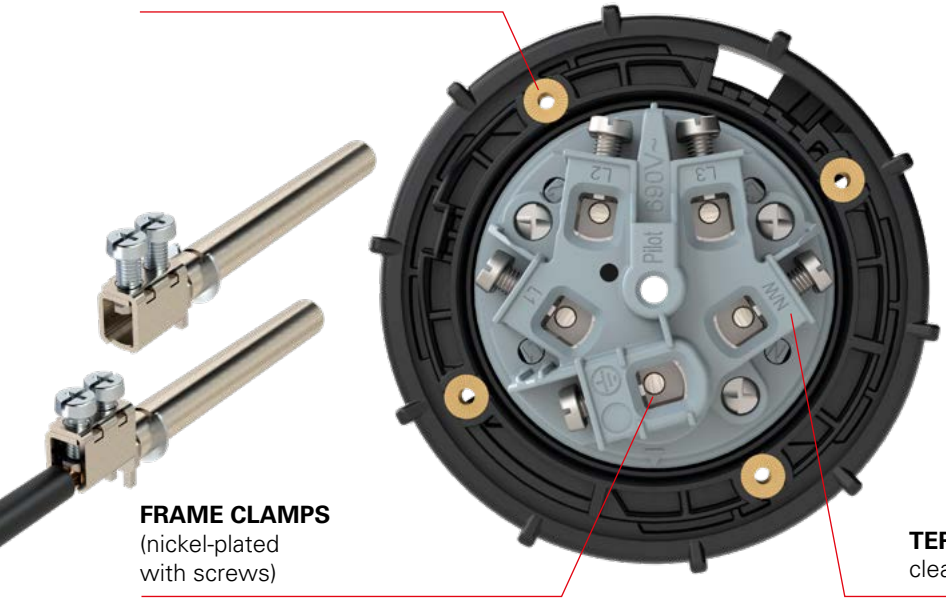
Features and benefits 60A



EXTERNAL STRAIN RELIEF and SEAL
(with 1 ½" NPT thread)

HOUSING MATERIAL
(high durable polyamide plastic material)

BRASS INSERTS
(for housing screws)





OSHA-compliant hole
for padlock lockout
⅜"lock shackle diameter

FRAME CLAMPS
(nickel-plated with screws)

TERMINALS
clear marking



CABLE CLAMP
with strain relief



NPT thread 1 ½"
possible for liquid conduits



SLEEVES with SPRING
brass sleeves witch CuBe lamellar spring

ADVANTAGES:
- soft insert and extraction
- high strength and elasticity
- very good conductivity
- corrosion resistance
- wear resitance

QUALITY • RELIABILITY • ROBUSTNESS • SAFETY



PLUGS

20/30A IP44 splashproof

- with screw terminals
- housing material: PA6
- contacts: brass

To order nickel-plated contacts please add a "**v**" (e.g. 0139-6**v**).

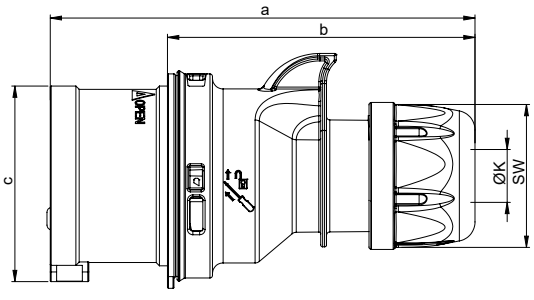
To order large cable diameter for 30A 4P5W please add a "**h**" (e.g. 0259-6**h** or 0259-6**vh**)

wire configuration	clock position	Symbol	Voltage (colors)	20A part number	30A part number	c UL us LISTED 20/30A	ÖVE 16/32A
2P3W (3p)	4h		120VAC	0139-4	0239-4	✔	✔
	5h		277VAC	0139-5	0239-5	✔	
	6h		250VAC	0139-6	0239-6	✔	✔
	7h		480VAC	0139-7	0239-7	✔	
3P4W (4p)	3h		380,440VAC		0249-3	✔	
	5h		600VAC	0149-5	0249-5	✔	
	6h		380VAC	0149-6	0249-6	✔	✔
	7h		480VAC	0149-7	0249-7	✔	
	9h		250VAC	0149-9	0249-9	✔	✔
	12h		120/250VAC single phase	0149-12	0249-12	✔	
4P5W (5p)	5h		347/600VAC	0159-5	0259-5 "**h**"	✔	
	6h		200/346 to 240/415VAC	0159-6	0259-6 "**h**"	✔	✔
	7h		277/480VAC	0159-7	0259-7 "**h**"	✔	
	9h		120/208VAC	0159-9	0259-9 "**h**"	✔	✔

c UL us LISTED CE

UL-product category: QLHN / QLHN7
UL-file number: E232901

IP44



Dimensions:

	20A			30A		
Poles	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)
a [mm / inch]	122 / 4.80	128 / 5.04	134 / 5.28	150 / 5.91	150 / 5.91	155 / 6.10
b [mm / inch]	86 / 3.39	92 / 3.62	98 / 3.86	104 / 4.09	104 / 4.09	109 / 4.29
c [mm / inch]	47 / 1.85	53 / 2.09	61 / 2.40	63 / 2.48	63 / 2.48	70 / 2.76
Ø K_cable [mm / inch] standard	9-15 / 0.35-0.59	9-15 / 0.35-0.59	9-16 / 0.35-0.63	13.3-19.3 / 0.52-0.76	13.3-19.3 / 0.52-0.76	13.3-19.3 / 0.52-0.76
Ø K_cable [mm / inch] large "**h**"						16.4-22.2 / 0.65-0.87
SW [mm / inch]	42 / 1.65	42 / 1.65	42 / 1.65	50 / 1.97	50 / 1.97	50 / 1.97
Weight [g / lb]	109 / 0.24	128 / 0.28	161 / 0.35	181 / 0.4	201 / 0.44	232 / 0.51



01592-6

PLUGS

20/30A IP67 watertight

- with screw terminals
- housing material: PA6
- contacts: brass

To order nickel-plated contacts please add a "**v**" (e.g. 01392-6**v**)

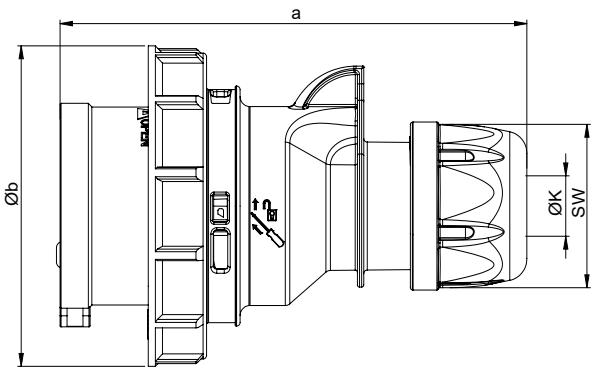
To order large cable diameter for 30A 4P5W please add a "**h**" (e.g. 02592-6**h** or 02592-6**vh**)

wire configuration	clock position	Symbol	Voltage (colors)	20A part number	30A part number	c UL us LISTED 20/30A	ÖVE 16/32A
2P3W (3p)	4h		120VAC	01392-4	02392-4	✔	✔
	5h		277VAC	01392-5	02392-5	✔	
	6h		250VAC	01392-6	02392-6	✔	✔
	7h		480VAC	01392-7	02392-7	✔	
3P4W (4p)	3h		380,440VAC		02492-3	✔	
	5h		600VAC	01492-5	02492-5	✔	
	6h		380VAC	01492-6	02492-6	✔	✔
	7h		480VAC	01492-7	02492-7	✔	
	9h		250VAC	01492-9	02492-9	✔	✔
	12h		120/250VAC single phase	01492-12	02492-12	✔	
4P5W (5p)	5h		347/600VAC	01592-5	02592-5 "**h**"	✔	
	6h		200/346 to 240/415VAC	01592-6	02592-6 "**h**"	✔	✔
	7h		277/480VAC	01592-7	02592-7 "**h**"	✔	
	9h		120/208VAC	01592-9	02592-9 "**h**"	✔	✔

c UL us LISTED CE

UL-product category: QLHN / QLHN7
UL-file number: E232901

IP67



Dimensions:

	20A			30A		
Poles	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)
a [mm / inch]	122 / 4.80	128 / 5.04	134 / 5.28	150 / 5.91	150 / 5.91	155 / 6.1
Ø b [mm / inch]	71 / 2.80	79 / 3.11	87 / 3.43	93 / 3.66	93 / 3.66	100 / 3.94
Ø K_cable [mm / inch] standard	9-15 / 0.35-0.59	9-15 / 0.35-0.59	9-16 / 0.35-0.63	13.3-19.3 / 0.52-0.76	13.3-19.3 / 0.52-0.76	13.3-19.3 / 0.52-0.76
Ø K_cable [mm / inch] large "**h**"						16.4-22.2 / 0.65-0.87
SW [mm / inch]	42 / 1.65	42 / 1.65	42 / 1.65	50 / 1.97	50 / 1.97	50 / 1.97
Weight [g / lb]	130 / 0.29	154 / 0.34	183 / 0.4	223 / 0.49	242 / 0.53	276 / 0.61



2239-6

CONNECTORS

20/30A IP44 splashproof

- with screw terminals
- housing material: PA6
- contacts: brass

To order nickel-plated contacts please add a "**v**" (e.g. 2239-6**v**)

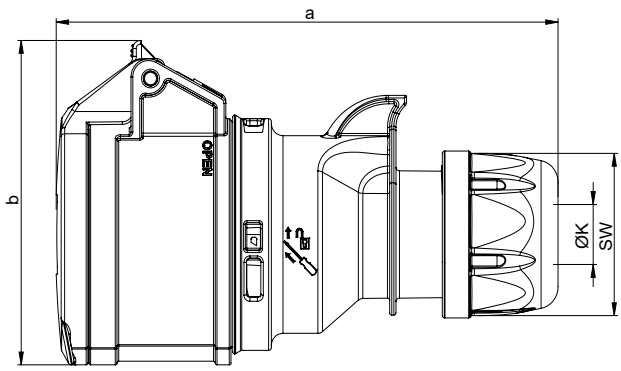
To order large cable diameter for 30A 4P5W please add a "**h**" (e.g. 2259-6**h** or 2559-6**vh**)

wire configuration	clock position	Symbol	Voltage (colors)	20A part number	30A part number	c UL us LISTED 20/30A	ÖVE 16/32A
2P3W (3p)	4h		120VAC	2139-4	2239-4	✔	✔
	5h		277VAC	2139-5	2239-5	✔	
	6h		250VAC	2139-6	2239-6	✔	✔
	7h		480VAC	2139-7	2239-7	✔	
3P4W (4p)	3h		380,440VAC		2249-3	✔	
	5h		600VAC	2149-5	2249-5	✔	
	6h		380VAC	2149-6	2249-6	✔	✔
	7h		480VAC	2149-7	2249-7	✔	
	9h		250VAC	2149-9	2249-9	✔	✔
	12h		120/250VAC single phase	2149-12	2249-12	✔	
4P5W (5p)	5h		347/600VAC	2159-5	2259-5 "**h**"	✔	
	6h		200/346 to 240/415VAC	2159-6	2259-6 "**h**"	✔	✔
	7h		277/480VAC	2159-7	2259-7 "**h**"	✔	
	9h		120/208VAC	2159-9	2259-9 "**h**"	✔	✔

c UL us LISTED CE

UL-product category: QLHN / QLHN7
UL-file number: E232901

IP44



Dimensions:

	20A			30A		
Poles	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)
a [mm / inch]	133 / 5.24	138 / 5.43	145 / 5.71	161 / 6.34	161 / 6.34	168 / 6.61
b [mm / inch]	74 / 2.91	82 / 3.23	89 / 3.5	94 / 3.70	94 / 3.70	99 / 3.90
Ø K_cable [mm / inch] standard	9-15 / 0.35-0.59	9-15 / 0.35-0.59	9-16 / 0.35-0.63	13.3-19.3 / 0.52-0.76	13.3-19.3 / 0.52-0.76	13.3-19.3 / 0.52-0.76
Ø K_cable [mm / inch] large "**h**"						16.4-22.2 / 0.65-0.87
SW [mm / inch]	42 / 1.65	42 / 1.65	42 / 1.65	50 / 1.97	50 / 1.97	50 / 1.97
Weight [g / lb]	134 / 0.3	161 / 0.35	180 / 0.41	228 / 0.5	244 / 0.54	270 / 0.6



22592-6

CONNECTORS

20/30A IP67 watertight

- with screw terminals
- housing material: PA6
- contacts: brass

To order nickel-plated contacts please add a "**v**" (e.g. 22592-7**v**)

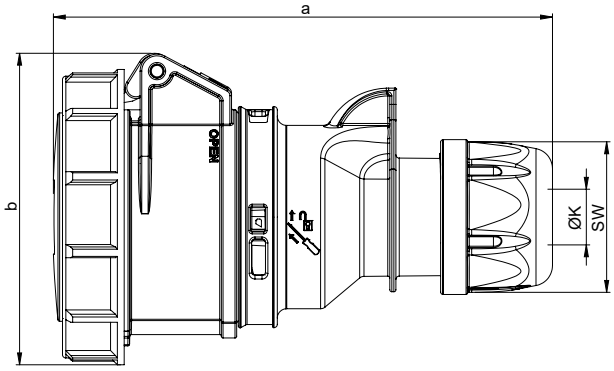
To order large cable diameter for 30A 4P5W please add a "**h**" (e.g. 22592-6**h or** 22592-6**vh**)

wire configuration	clock position	Symbol	Voltage (colors)	20A part number	30A part number	c UL us LISTED 20/30A	ÖVE 16/32A
2P3W (3p)	4h		120VAC	21392-4	22392-4	✔	✔
	5h		277VAC	21392-5	22392-5	✔	
	6h		250VAC	21392-6	22392-6	✔	✔
	7h		480VAC	21392-7	22392-7	✔	
3P4W (4p)	3h		380,440VAC		22492-3	✔	
	5h		600VAC	21492-5	22492-5	✔	
	6h		380VAC	21492-6	22492-6	✔	✔
	7h		480VAC	21492-7	22492-7	✔	
	9h		250VAC	21492-9	22492-9	✔	✔
	12h		120/250VAC single phase	21492-12	22492-12	✔	
4P5W (5p)	5h		347/600VAC	21592-5	22592-5 "**h**"	✔	
	6h		200/346 to 240/415VAC	21592-6	22592-6 "**h**"	✔	✔
	7h		277/480VAC	21592-7	22592-7 "**h**"	✔	
	9h		120/208VAC	21592-9	22592-9 "**h**"	✔	✔

c UL us LISTED CE

UL-product category: QLHN / QLHN7
UL-file number: E232901

IP67



Dimensions:

	20A			30A		
Poles	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)
a [mm / inch]	132 / 5.20	139 / 5.47	147 / 5.79	163 / 6.42	163 / 6.42	171 / 6.73
b [mm / inch]	78 / 3.07	84 / 3.31	92 / 3.62	96 / 3.78	96 / 3.78	102 / 4.02
Ø K_cable [mm / inch] standard	9-15 / 0.35-0.59	9-15 / 0.35-0.59	9-16 / 0.35-0.63	13.3-19.3 / 0.52-0.76	13.3-19.3 / 0.52-0.76	13.3-19.3 / 0.52-0.76
Ø K_cable [mm / inch] large "**h**"						16.4-22.2 / 0.65-0.87
SW [mm / inch]	42 / 1.65	42 / 1.65	42 / 1.65	50 / 1.97	50 / 1.97	50 / 1.97
Weight [g / lb]	155 / 0.34	186 / 0.41	215 / 0.5	275 / 0.61	292 / 0.64	338 / 0.75



RECEPTACLES
FLANGE STRAIGHT



3239-6f7

20/30A IP44 splashproof

- with screw terminals
- housing material: PA6
- contacts: brass

To order nickel-plated contacts please add a "**v**" (e.g. 3149-6f7**v**).

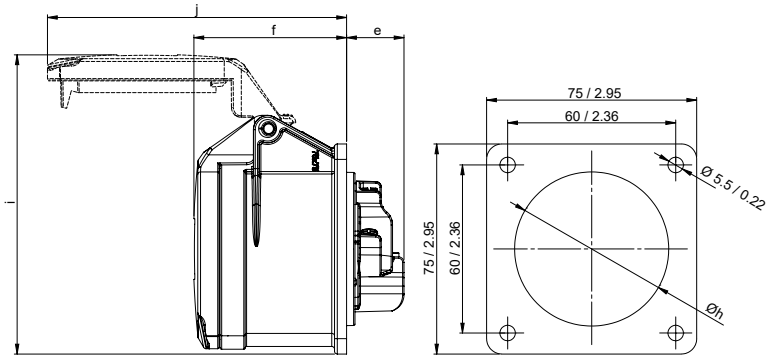
wire configuration	clock position	Symbol	Voltage (colors)	20A part number	30A part number	c UL us LISTED 20/30A	ÖVE 16/32A
2P3W (3p)	4h		120VAC	3139-4f7	3239-4f7	✔	✔
	5h		277VAC	3139-5f7	3239-5f7	✔	
	6h		250VAC	3139-6f7	3239-6f7	✔	✔
	7h		480VAC	3139-7f7	3239-7f7	✔	
3P4W (4p)	3h		380,440VAC		3249-3f7	✔	
	5h		600VAC	3149-5f7	3249-5f7	✔	
	6h		380VAC	3149-6f7	3249-6f7	✔	✔
	7h		480VAC	3149-7f7	3249-7f7	✔	
	9h		250VAC	3149-9f7	3249-9f7	✔	✔
	12h		120/250VAC single phase	3149-12f7	3249-12f7	✔	
4P5W (5p)	5h		347/600VAC	3159-5f7	3259-5f7	✔	
	6h		200/346 to 240/415VAC	3159-6f7	3259-6f7	✔	✔
	7h		277/480VAC	3159-7f7	3259-7f7	✔	
	9h		120/208VAC	3159-9f7	3259-9f7	✔	✔

c UL us LISTED CE

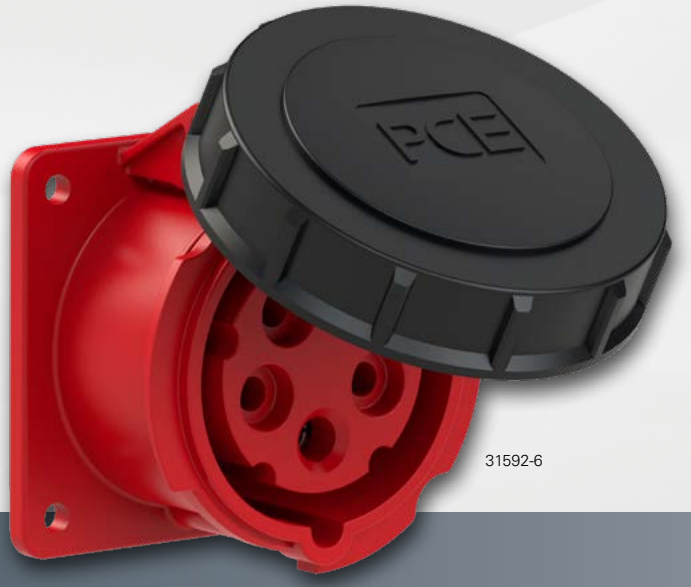
UL-product category: QLIW / QLIW7
UL-file number: E252008

IP44

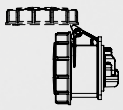
Dimensions: [mm / inch]



	20A			30A		
Poles	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)
e [mm / inch]	21 / 0.83	21 / 0.83	21 / 0.83	23 / 0.91	23 / 0.91	23 / 0.91
f [mm / inch]	55 / 2.17	55 / 2.17	55 / 2.17	67 / 2.64	67 / 2.64	67 / 2.64
Ø h [mm / inch]	43 / 1.69	45 / 1.77	55 / 2.17	55 / 2.17	55 / 2.17	58 / 2.28
i [mm / inch]	89 / 3.5	104 / 4.09	107 / 4.21	112 / 4.41	112 / 4.41	108 / 4.25
j [mm / inch]	101 / 3.98	101 / 3.98	107 / 4.21	122 / 4.8	122 / 4.8	136 / 5.35
Weight [g / lb]	120 / 0.26	132 / 0.29	150 / 0.33	167 / 0.37	182 / 0.4	210 / 0.46



31592-6



RECEPTACLES
FLANGE STRAIGHT
20/30A IP67 watertight

- with screw terminals
- housing material: PA6
- contacts: brass

To order nickel-plated contacts please add a "**v**" (e.g. 32592-7**v**).

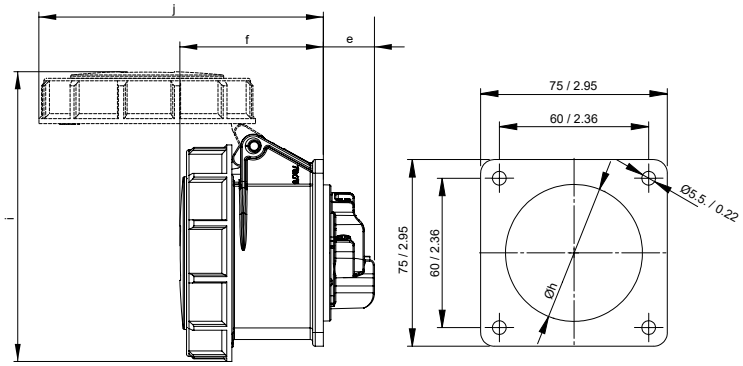
wire configuration	clock position	Symbol	Voltage (colors)	20A part number	30A part number	c UL us LISTED 20/30A	ÖVE 16/32A
2P3W (3p)	4h		120VAC	31392-4	32392-4	✔	✔
	5h		277VAC	31392-5	32392-5	✔	
	6h		250VAC	31392-6	32392-6	✔	✔
	7h		480VAC	31392-7	32392-7	✔	
3P4W (4p)	3h		380,440VAC		32492-3	✔	
	5h		600VAC	31492-5	32492-5	✔	
	6h		380VAC	31492-6	32492-6	✔	✔
	7h		480VAC	31492-7	32492-7	✔	
	9h		250VAC	31492-9	32492-9	✔	✔
	12h		120/250VAC single phase	31492-12	32492-12	✔	
4P5W (5p)	5h		347/600VAC	31592-5	32592-5	✔	
	6h		200/346 to 240/415VAC	31592-6	32592-6	✔	✔
	7h		277/480VAC	31592-7	32592-7	✔	
	9h		120/208VAC	31592-9	32592-9	✔	✔

c UL us LISTED CE

UL-product category: QLIW / QLIW7
UL-file number: E252008

IP67

Dimensions:
[mm / inch]



	20A			30A		
Poles	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)
e [mm / inch]	21 / 0.83	21 / 0.83	21 / 0.83	23 / 0.91	23 / 0.91	23 / 0.91
f [mm / inch]	56 / 2.2	57 / 2.24	59 / 2.32	69 / 2.72	69 / 2.72	71 / 2.8
Ø h [mm / inch]	43 / 1.69	45 / 1.77	55 / 2.17	55 / 2.17	55 / 2.17	58 / 2.28
i [mm / inch]	102 / 4.02	108 / 4.25	117 / 4.61	122 / 4.8	122 / 4.8	130 / 5.12
j [mm / inch]	101 / 3.98	109 / 4.29	115 / 4.53	130 / 5.12	130 / 5.12	136 / 5.35
Weight [g / lb]	135 / 0.3	153 / 0.34	183 / 0.4	206 / 0.45	222 / 0.49	260 / 0.57



4259-5

RECEPTACLES
FLANGE ANGLED
20/30A IP44 splashproof

- with screw terminals
- housing material: PA6
- contacts: brass

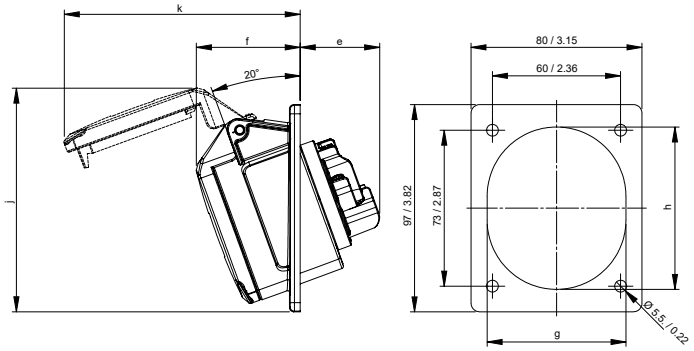
To order nickel-plated contacts please add a "**v**" (e.g. 4159-7**v**).

wire configuration	clock position	Symbol	Voltage (colors)	20A part number	30A part number	cULus LISTED 20/30A	ÖVE 16/32A
2P3W (3p)	4h		120VAC	4139-4f8	4239-4	✔	✔
	5h		277VAC	4139-5f8	4239-5	✔	
	6h		250VAC	4139-6f8	4239-6	✔	✔
	7h		480VAC	4139-7f8	4239-7	✔	
3P4W (4p)	3h		380,440VAC		4249-3	✔	
	5h		600VAC	4149-5f8	4249-5	✔	
	6h		380VAC	4149-6f8	4249-6	✔	✔
	7h		480VAC	4149-7f8	4249-7	✔	
	9h		250VAC	4149-9f8	4249-9	✔	✔
	12h		120/250VAC single phase	4149-12f8	4249-12	✔	
4P5W (5p)	5h		347/600VAC	4159-5	4259-5	✔	
	6h		200/346 to 240/415VAC	4159-6	4259-6	✔	✔
	7h		277/480VAC	4159-7	4259-7	✔	
	9h		120/208VAC	4159-9	4259-9	✔	✔

cULus LISTED CE

UL-product category: QLIW / QLIW7
UL-file number: E252008

IP44



Dimensions: [mm / inch]

Poles	20A 2P3W (3p)	20A 3P4W (4p)	20A 4P5W (5p)	30A 2P3W (3p)	30A 3P4W (4p)	30A 4P5W (5p)
e [mm / inch]	38 / 1.5	38 / 1.5	38 / 1.5	48 / 1.89	48 / 1.89	48 / 1.89
f [mm / inch]	47 / 1.85	47 / 1.85	49 / 1.93	54 / 2.13	54 / 2.13	55 / 2.17
g [mm / inch]	51 / 2.01	56 / 2.2	65 / 2.56	65 / 2.56	65 / 2.56	70 / 2.76
h [mm / inch]	61 / 2.4	67 / 2.64	76 / 2.99	75 / 2.95	75 / 2.95	84 / 3.31
j [mm / inch]	97 / 3.82	103 / 4.06	105 / 4.13	105 / 4.13	105 / 4.13	99 / 3.9
k [mm / inch]	99 / 3.9	104 / 4.09	111 / 4.37	119 / 4.69	119 / 4.69	130 / 5.12
Weight [g / lb]	116 / 0.26	132 / 0.29	154 / 0.34	166 / 0.37	182 / 0.4	214 / 0.47



41392-4f8

RECEPTACLES
FLANGE ANGLED
20/30A IP67 watertight

- with screw terminals
- housing material: PA6
- contacts: brass

To order nickel-plated contacts please add a "**v**" (e.g. 41492-6f8**v**).

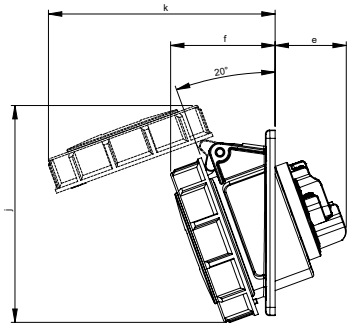
wire configuration	clock position	Symbol	Voltage (colors)	20A part number	30A part number	cULus LISTED 20/30A	ÖVE 16/32A
2P3W (3p)	4h		120VAC	41392-4f8	42392-4f78	✔	✔
	5h		277VAC	41392-5f8	42392-5f78	✔	
	6h		250VAC	41392-6f8	42392-6f78	✔	✔
	7h		480VAC	41392-7f8	42392-7f78	✔	
3P4W (4p)	3h		380,440VAC		42492-3f78	✔	
	5h		600VAC	41492-5f8	42492-5f78	✔	
	6h		380VAC	41492-6f8	42492-6f78	✔	✔
	7h		480VAC	41492-7f8	42492-7f78	✔	
	9h		250VAC	41492-9f8	42492-9f78	✔	✔
	12h		120/250VAC single phase	41492-12f8	42492-12f78	✔	
4P5W (5p)	5h		347/600VAC	41592-5f78	42592-5f78	✔	
	6h		200/346 to 240/415VAC	41592-6f78	42592-6f78	✔	✔
	7h		277/480VAC	41592-7f78	42592-7f78	✔	
	9h		120/208VAC	41592-9f78	42592-9f78	✔	✔

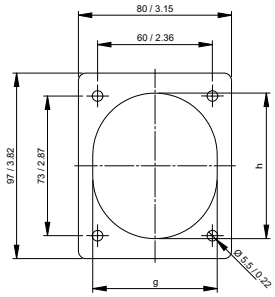
cULus LISTED CE

UL-product category: QLIW / QLIW7
UL-file number: E252008

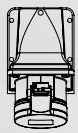
IP67

Dimensions: [mm / inch]





	20A			30A		
Poles	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)
e [mm / inch]	38 / 1.5	38 / 1.5	38 / 1.5	48 / 1.89	48 / 1.89	48 / 1.89
f [mm / inch]	50 / 1.97	52 / 2.05	55 / 2.17	59 / 2.32	59 / 2.32	61 / 2.4
g [mm / inch]	51 / 2.01	56 / 2.2	65 / 2.56	65 / 2.56	65 / 2.56	70 / 2.76
h [mm / inch]	61 / 2.4	67 / 2.64	76 / 2.99	75 / 2.95	75 / 2.95	84 / 3.31
j [mm / inch]	102 / 4.02	106 / 4.17	114 / 4.49	120 / 4.72	120 / 4.72	127 / 5
k [mm / inch]	103 / 4.06	110 / 4.33	119 / 4.69	127 / 5	127 / 5	133 / 5.24
Weight [g / lb]	131 / 0.29	153 / 0.34	186 / 0.41	207 / 0.46	224 / 0.49	262 / 0.58



RECEPTACLES
WALL MOUNT



11391-4

20/30A IP44 splashproof

- with screw terminals
- housing material: PA6
- contacts: brass

To order nickel-plated contacts please add a "**v**" (e.g. 11591-6**v**).

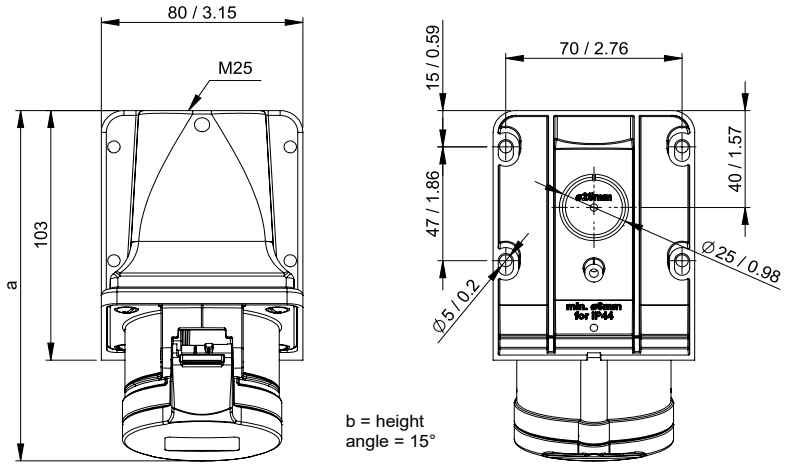
wire configuration	clock position	Symbol	Voltage (colors)	20A part number	30A part number	cULus LISTED 20/30A	ÖVE 16/32A
2P3W (3p)	4h		120VAC	11391-4	12391-4	✔	✔
	5h		277VAC	11391-5	12391-5	✔	
	6h		250VAC	11391-6	12391-6	✔	✔
	7h		480VAC	11391-7	12391-7	✔	
3P4W (4p)	3h		380,440VAC		12491-3	✔	
	5h		600VAC	11491-5	12491-5	✔	
	6h		380VAC	11491-6	12491-6	✔	✔
	7h		480VAC	11491-7	12491-7	✔	
	9h		250VAC	11491-9	12491-9	✔	✔
	12h		120/250VAC single phase	11491-12	12491-12	✔	
4P5W (5p)	5h		347/600VAC	11591-5	12591-5	✔	
	6h		200/346 to 240/415VAC	11591-6	12591-6	✔	✔
	7h		277/480VAC	11591-7	12591-7	✔	
	9h		120/208VAC	11591-9	12591-9	✔	✔

cULus LISTED CE

UL-product category: QLIW / QLIW7
UL-file number: E252008

IP44

Dimensions: [mm / inch]

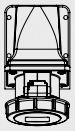


b = height
angle = 15°

	20A			30A		
Poles	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)
a [mm / inch]	143 / 5.63	146 / 5.75	146 / 5.75	157 / 6.18	157 / 6.18	158 / 6.22
b [mm / inch]	101 / 3.98	104 / 4.09	106 / 4.17	111 / 4.37	111 / 4.37	115 / 4.53
Weight [g / lb]	202 / 0.45	214 / 0.47	233 / 0.51	249 / 0.55	265 / 0.58	292 / 0.64



11592-6



RECEPTACLES
WALL MOUNT

20/30A IP67 watertight

- with screw terminals
- housing material: PA6
- contacts: brass

To order nickel-plated contacts please add a "**v**" (e.g. 11592-7**v**).

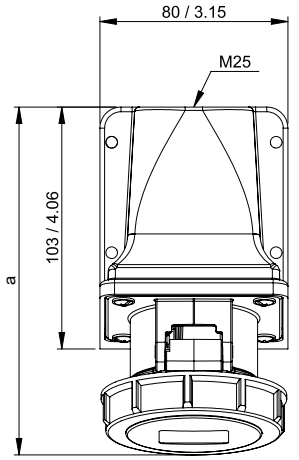
wire configuration	clock position	Symbol	Voltage (colors)	20A part number	30A part number	c UL us LISTED 20/30A	ÖVE 16/32A
2P3W (3p)	4h		120VAC	11392-4	12392-4	✔	✔
	5h		277VAC	11392-5	12392-5	✔	
	6h		250VAC	11392-6	12392-6	✔	✔
	7h		480VAC	11392-7	12392-7	✔	
3P4W (4p)	3h		380,440VAC		12492-3	✔	
	5h		600VAC	11492-5	12492-5	✔	
	6h		380VAC	11492-6	12492-6	✔	✔
	7h		480VAC	11492-7	12492-7	✔	
	9h		250VAC	11492-9	12492-9	✔	✔
	12h		120/250VAC single phase	11492-12	12492-12	✔	
4P5W (5p)	5h		347/600VAC	11592-5	12592-5	✔	
	6h		200/346 to 240/415VAC	11592-6	12592-6	✔	✔
	7h		277/480VAC	11592-7	12592-7	✔	
	9h		120/208VAC	11592-9	12592-9	✔	✔

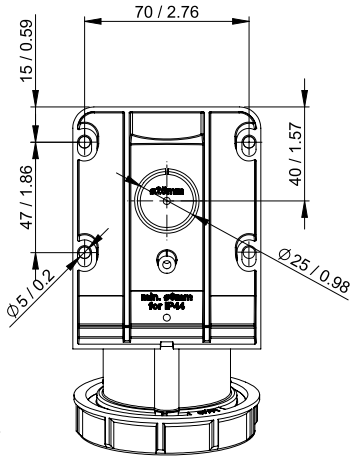
c UL us LISTED CE

UL-product category: QLIW / QLIW7
UL-file number: E252008

IP67

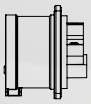
Dimensions: [mm / inch]





b = height
angle = 15°

	20A			30A		
Poles	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)
a [mm / inch]	147 / 5.79	149 / 5.87	150 / 5.91	161 / 6.34	161 / 6.34	162 / 6.38
b [mm / inch]	96 / 3.78	99 / 3.9	102 / 4.02	108 / 4.25	108 / 4.25	110 / 4.33
Weight [g / lb]	226 / 0.5	241 / 0.53	275 / 0.61	298 / 0.66	314 / 0.69	351 / 0.77



INLETS
FLANGE STRAIGHT
20/30A IP44 splashproof



- with screw terminals
- housing material: PA6
- contacts: brass

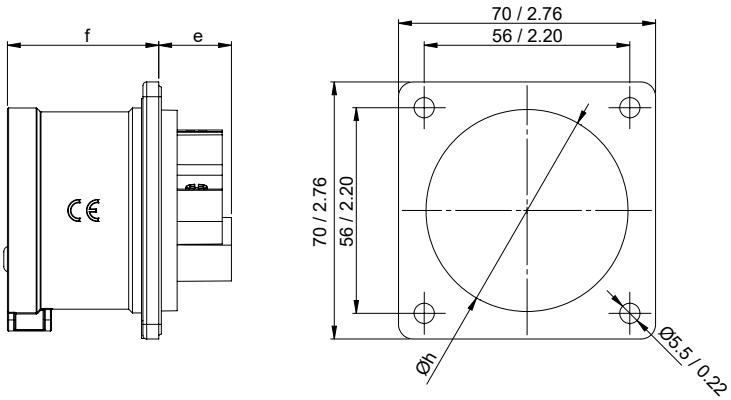
To order nickel-plated contacts please add a "**v**" (e.g. 6139-6**v**).

wire configuration	clock position	Symbol	Voltage (colors)	20A part number	30A part number	c UL us LISTED 20/30A	ÖVE 16/32A
2P3W (3p)	4h		120VAC	6139-4	6239-4	✔	✔
	5h		277VAC	6139-5	6239-5	✔	
	6h		250VAC	6139-6	6239-6	✔	✔
	7h		480VAC	6139-7	6239-7	✔	
3P4W (4p)	3h		380,440VAC		6249-3	✔	
	5h		600VAC	6149-5	6249-5	✔	
	6h		380VAC	6149-6	6249-6	✔	✔
	7h		480VAC	6149-7	6249-7	✔	
	9h		250VAC	6149-9	6249-9	✔	✔
	12h		120/250VAC single phase	6149-12	6249-12	✔	
4P5W (5p)	5h		347/600VAC	6159-5	6259-5	✔	
	6h		200/346 to 240/415VAC	6159-6	6259-6	✔	✔
	7h		277/480VAC	6159-7	6259-7	✔	
	9h		120/208VAC	6159-9	6259-9	✔	✔

c UL us LISTED CE

UL-product category: QLIW / QLIW7
UL-file number: E252008

IP44



Dimensions: [mm / inch]

Poles	20A 2P3W (3p)	20A 3P4W (4p)	20A 4P5W (5p)	30A 2P3W (3p)	30A 3P4W (4p)	30A 4P5W (5p)
e [mm / inch]	21 / 0.83	21 / 0.83	20 / 0.79	21 / 0.83	21 / 0.83	21 / 0.83
f [mm / inch]	42 / 1.65	42 / 1.65	42 / 1.65	51 / 2.01	51 / 2.01	51 / 2.01
Ø h [mm / inch]	43 / 1.69	43 / 1.69	55 / 2.17	55 / 2.17	55 / 2.17	55 / 2.17
Weight [g / lb]	86 / 0.19	101 / 0.22	118 / 0.26	125 / 0.28	145 / 0.32	165 / 0.36



61492-12



INLETS
FLANGE STRAIGHT
20/30A IP67 watertight

- with screw terminals
- housing material: PA6
- contacts: brass

To order nickel-plated contacts please add a "**v**" (e.g. 61592-7**v**).

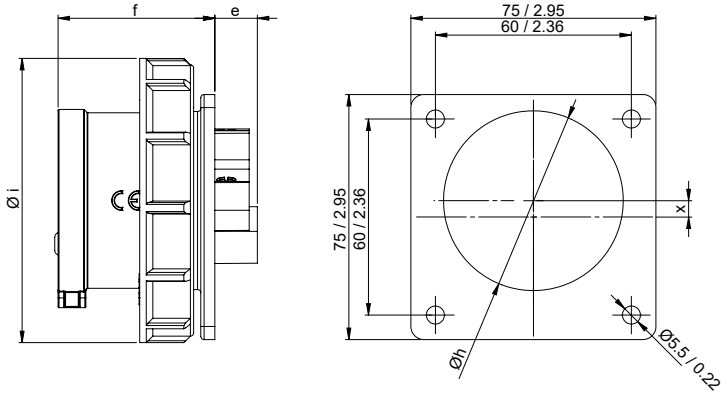
wire configuration	clock position	Symbol	Voltage (colors)	20A part number	30A part number	cULus LISTED 20/30A	ÖVE 16/32A
2P3W (3p)	4h		120VAC	61392-4	62392-4	✔	✔
	5h		277VAC	61392-5	62392-5	✔	
	6h		250VAC	61392-6	62392-6	✔	✔
	7h		480VAC	61392-7	62392-7	✔	
3P4W (4p)	3h		380,440VAC		62492-3	✔	
	5h		600VAC	61492-5	62492-5	✔	
	6h		380VAC	61492-6	62492-6	✔	✔
	7h		480VAC	61492-7	62492-7	✔	
	9h		250VAC	61492-9	62492-9	✔	✔
	12h		120/250VAC single phase	61492-12	62492-12	✔	
4P5W (5p)	5h		347/600VAC	61592-5	62592-5	✔	
	6h		200/346 to 240/415VAC	61592-6	62592-6	✔	✔
	7h		277/480VAC	61592-7	62592-7	✔	
	9h		120/208VAC	61592-9	62592-9	✔	✔

cULus LISTED CE

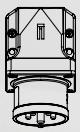
UL-product category: QLIW / QLIW7
UL-file number: E252008

IP67

Dimensions: [mm / inch]



	20A			30A		
Poles	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)
e [mm / inch]	15 / 0.59	14 / 0.55	13 / 0.51	14 / 0.55	15 / 0.59	14 / 0.55
f [mm / inch]	48 / 1.89	48 / 1.89	48 / 1.89	58 / 2.28	58 / 2.28	58 / 2.28
Ø h [mm / inch]	43 / 1.69	44 / 1.73	55 / 2.17	55 / 2.17	55 / 2.17	55 / 2.17
Ø i [mm / inch]	71 / 2.80	79 / 3.11	87 / 3.43	93 / 3.66	93 / 3.66	100 / 3.94
x [mm / inch]	11.3 / 0.44	6 / 0.24	5 / 0.20	4.5 / 0.18	4.5 / 0.18	0 / 0
Weight [g / lb]	109 / 0.24	131 / 0.29	150 / 0.33	167 / 0.37	188 / 0.41	214 / 0.47



INLETS
WALL MOUNT



5149-6

20/30A IP44 splashproof

- with screw terminals
- housing material: PA6
- contacts: brass

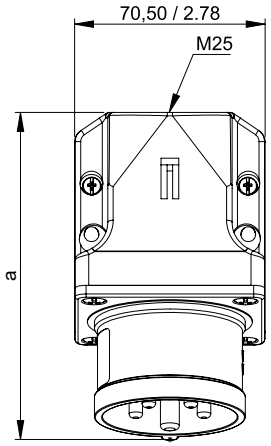
To order nickel-plated contacts please add a "**v**" (e.g. 5139-6**v**).

wire configuration	clock position	Symbol	Voltage (colors)	20A part number	30A part number	cULus LISTED 20/30A	ÖVE 16/32A
2P3W (3p)	4h		120VAC	5139-4	5239-4	✔	✔
	5h		277VAC	5139-5	5239-5	✔	
	6h		250VAC	5139-6	5239-6	✔	✔
	7h		480VAC	5139-7	5239-7	✔	
3P4W (4p)	3h		380,440VAC		5249-3	✔	
	5h		600VAC	5149-5	5249-5	✔	
	6h		380VAC	5149-6	5249-6	✔	✔
	7h		480VAC	5149-7	5249-7	✔	
	9h		250VAC	5149-9	5249-9	✔	✔
	12h		120/250VAC single phase	5149-12	5249-12	✔	
4P5W (5p)	5h		347/600VAC	5159-5	5259-5	✔	
	6h		200/346 to 240/415VAC	5159-6	5259-6	✔	✔
	7h		277/480VAC	5159-7	5259-7	✔	
	9h		120/208VAC	5159-9	5259-9	✔	✔

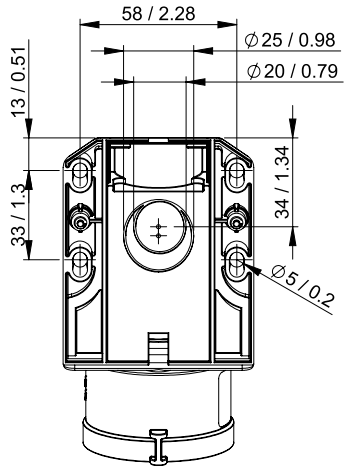
cULus LISTED CE

UL-product category: QLIW / QLIW7
UL-file number: E252008

IP44

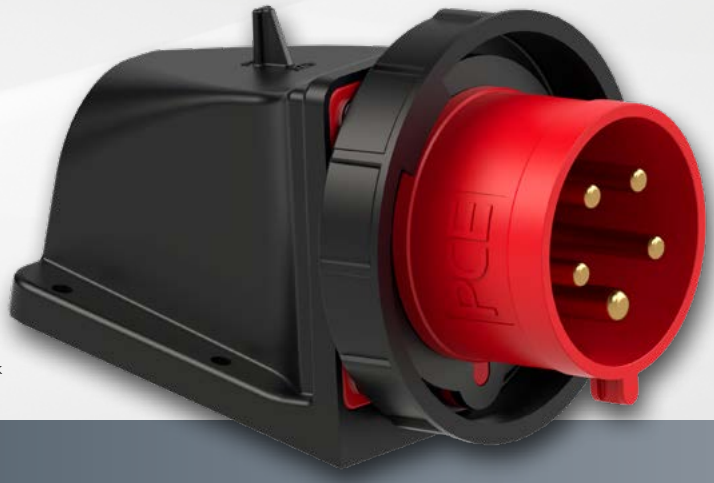


Dimensions: [mm / inch]

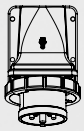


b = height
angle = 15°

	20A			30A		
Poles	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)
a [mm / inch]	120 / 4.72	121 / 4.76	122 / 4.8	131 / 5.16	131 / 5.16	132 / 5.2
b [mm / inch]	76 / 2.99	76 / 2.99	79 / 3.11	82 / 3.23	82 / 3.23	85 / 3.35
Weight [g / lb]	173 / 0.38	188 / 0.41	205 / 0.45	212 / 0.47	232 / 0.51	253 / 0.56



52492-6k



INLETS
WALL MOUNT

20/30A IP67 watertight

- with screw terminals
- housing material: PA6
- contacts: brass

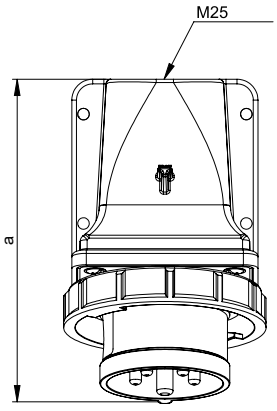
To order nickel-plated contacts please add a "**v**" (e.g. 52592-7k**v**).

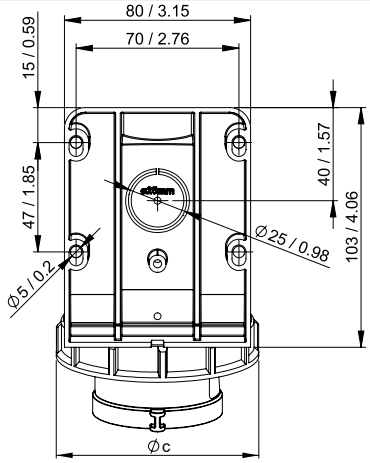
wire configuration	clock position	Symbol	Voltage (colors)	20A part number	30A part number	c UL us LISTED 20/30A	ÖVE 16/32A
2P3W (3p)	4h		120VAC	51392-4k	52392-4k	✔	✔
	5h		277VAC	51392-5k	52392-5k	✔	
	6h		250VAC	51392-6k	52392-6k	✔	✔
	7h		480VAC	51392-7k	52392-7k	✔	
3P4W (4p)	3h		380,440VAC		52492-3k	✔	
	5h		600VAC	51492-5k	52492-5k	✔	
	6h		380VAC	51492-6k	52492-6k	✔	✔
	7h		480VAC	51492-7k	52492-7k	✔	
	9h		250VAC	51492-9k	52492-9k	✔	✔
	12h		120/250VAC single phase	51492-12k	52492-12k	✔	
4P5W (5p)	5h		347/600VAC	51592-5k	52592-5k	✔	
	6h		200/346 to 240/415VAC	51592-6k	52592-6k	✔	✔
	7h		277/480VAC	51592-7k	52592-7k	✔	
	9h		120/208VAC	51592-9k	52592-9k	✔	✔

c UL us LISTED CE

UL-product category: QLIW / QLIW7
UL-file number: E252008

IP67





b = height
angle = 15°

Dimensions:
[mm / inch]

Poles	20A			30A		
	2P3W (3p)	**3P4W** (4p)	**4P5W** (5p)	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)
a [mm / inch]	136 / 5,35	138 / 5,43	140 / 5,51	150 / 5,91	153 / 6,02	152 / 5,98
b [mm / inch]	99 / 3,9	94 / 3,7	100 / 3,94	104 / 4,09	104 / 4,09	102 / 4,02
Ø c [mm / inch]	71 / 2,8	79 / 3,11	87 / 3,43	93 / 3,66	93 / 3,66	102 / 4,02
Weight [g / lb]	200 / 0,44	223 / 0,49	242 / 0,53	260 / 0,57	280 / 0,62	306 / 0,67



0349-9

PLUGS

60A

60A IP67/IP69k watertight

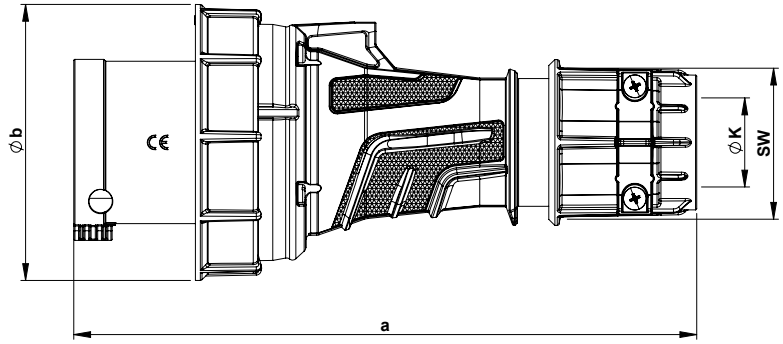
- with frame terminals
- housing material: PA6
- contacts: nickel plated
- OSHA-compliant hole for padlock lockout (Ø ⅜"lock shackle diameter)
- cable gland with 1 ½" NPT
- IP rating: IP6X, X6, X7, X9k (watertight)
- UL type: 4, 4X

wire configuration	clock position	Symbol	Voltage (colors)	60A part number	c UL us LISTED 60A	HP-rating (locked rotor)
2P3W (3p)	4h		120VAC	0339-4	✔	2
	5h		277VAC	0339-5	✔	5
	6h		250VAC	0339-6	✔	3
	7h		480VAC	0339-7	✔	7.5
3P4W (4p)	5h		600VAC	0349-5	✔	25
	6h		380VAC	0349-6	✔	10
	7h		480VAC	0349-7	✔	20
	9h		250VAC	0349-9	✔	7.5
	12h		120/250VAC single phase	0349-12	✔	2/3
4P5W (5p)	5h		347/600VAC	0359-5	✔	25
	6h		200/346 to 240/415VAC	0359-6	✔	10
	7h		277/480VAC	0359-7	✔	20
	9h		120/208VAC	0359-9	✔	7.5

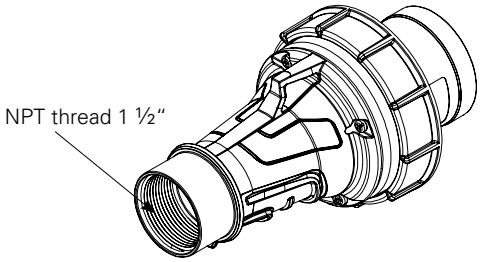
c UL us LISTED CE

UL-product category: QLHN / QLHN7
UL-file number: E232901

IP67
IP69k
4,4X



Poles	60A		
	2P3W (3p)	**3P4W** (4p)	**4P5W** (5p)
a [mm / inch]	260 / 10.24	260 / 10.24	260 / 10.24
Øb [mm / inch]	115 / 4.53	115 / 4.53	115 / 4.53
ØK [mm / inch]	15-37 / 0.59-1.46	15-37 / 0.59-1.46	15-37 / 0.59-1.46
SW [mm / inch]	62 / 2.44	62 / 2.44	62 / 2.44
Weight [g / lb]	601 / 1.32	648 / 1.43	697 / 1.54





CONNECTORS

60A IP67/IP69k watertight

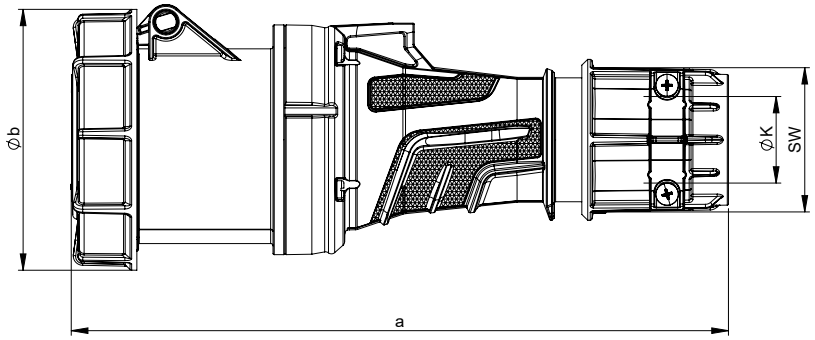
- with frame terminals
- housing material: PA6
- contacts: brass with lamellar spring CuBe
- cable gland with 1 ½" NPT
- IP rating: IP6X, X6, X7, X9k (watertight)
- UL type: 4, 4X

wire configuration	clock position	Symbol	Voltage (colors)	60A part number	c UL us LISTED 60A	HP-rating (locked rotor)
2P3W (3p)	4h		120VAC	2339-4	✔	2
	5h		277VAC	2339-5	✔	5
	6h		250VAC	2339-6	✔	3
	7h		480VAC	2339-7	✔	7.5
3P4W (4p)	5h		600VAC	2349-5	✔	25
	6h		380VAC	2349-6	✔	10
	7h		480VAC	2349-7	✔	20
	9h		250VAC	2349-9	✔	7.5
	12h		120/250VAC single phase	2349-12	✔	2/3
4P5W (5p)	5h		347/600VAC	2359-5	✔	25
	6h		200/346 to 240/415VAC	2359-6	✔	10
	7h		277/480VAC	2359-7	✔	20
	9h		120/208VAC	2359-9	✔	7.5

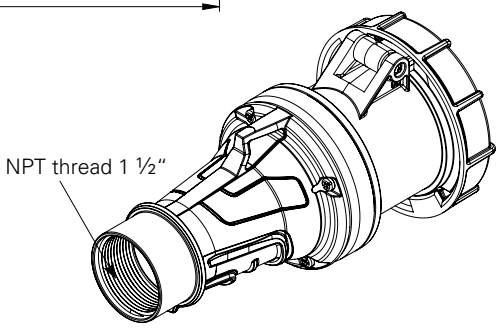
c UL us LISTED CE

UL-product category: QLHN / QLHN7
UL-file number: E232901

IP67
IP69k
4,4X



	60A		
Poles	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)
a [mm / inch]	275 / 10.83	275 / 10.83	275 / 10.83
Øb [mm / inch]	112 / 4.41	112 / 4.41	112 / 4.41
ØK [mm / inch]	15-37 / 0.59-1.46	15-37 / 0.59-1.46	15-37 / 0.59-1.46
SW [mm / inch]	62 / 2.44	62 / 2.44	62 / 2.44
Weight [g / lb]	761 / 1.68	802 / 1.77	860 / 1.9





3349-9

RECEPTACLES
FLANGE STRAIGHT

60A

60A IP67/IP69k watertight

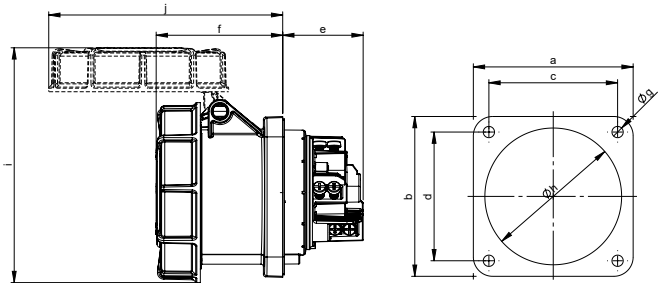
- with frame terminals
- housing material: PA6
- contacts: brass with lamellar spring CuBe
- flange size 100x100mm (3.94x3.94 inches)
- IP rating: IP6X, X6, X7, X9k (watertight)
- UL type: 4, 4X

wire configuration	clock position	Symbol	Voltage (colors)	60A part number	c UL us LISTED 60A	HP-rating (locked rotor)
2P3W (3p)	4h		120VAC	3339-4	✔	2
	5h		277VAC	3339-5	✔	5
	6h		250VAC	3339-6	✔	3
	7h		480VAC	3339-7	✔	7.5
3P4W (4p)	5h		600VAC	3349-5	✔	25
	6h		380VAC	3349-6	✔	10
	7h		480VAC	3349-7	✔	20
	9h		250VAC	3349-9	✔	7.5
	12h		120/250VAC single phase	3349-12	✔	2/3
4P5W (5p)	5h		347/600VAC	3359-5	✔	25
	6h		200/346 to 240/415VAC	3359-6	✔	10
	7h		277/480VAC	3359-7	✔	20
	9h		120/208VAC	3359-9	✔	7.5

c UL us LISTED CE

UL-product category: QLIW / QLIW7
UL-file number: E252008

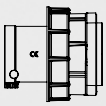
IP67
IP69k
4,4X



Poles	60A		
	2P3W (3p)	**3P4W** (4p)	**4P5W** (5p)
a x b [mm / inch]	100x100 / 3.94x3.94	100x100 / 3.94x3.94	100x100 / 3.94x3.94
c x d [mm / inch]	80x80 / 3.15x3.15	80x80 / 3.15x3.15	80x80 / 3.15x3.15
e [mm / inch]	50 / 1.97	50 / 1.97	50 / 1.97
f [mm / inch]	80 / 3.15	80 / 3.15	80 / 3.15
g [mm / inch]	7 / 0.28	7 / 0.28	7 / 0.28
h [mm / inch]	85 / 3.35	85 / 3.35	85 / 3.35
i [mm / inch]	147 / 5.79	147 / 5.79	147 / 5.79
j [mm / inch]	146 / 5.75	146 / 5.75	146 / 5.75
Weight [g / lb]	488 / 1.08	533 / 1.18	587 / 1.29



6359-7



INLETS
FLANGE STRAIGHT

60A IP67/IP69k watertight

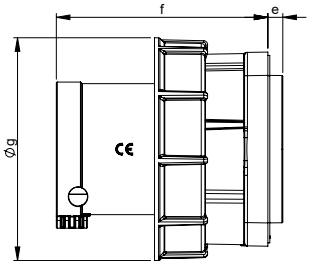
- with frame terminals
- housing material: PA6
- contacts: nickel plated
- OSHA-compliant hole for padlock lockout (Ø ⅜"lock shackle diameter)
- IP rating: IP6X, X6, X7, X9k (watertight)
- UL type: 4, 4X

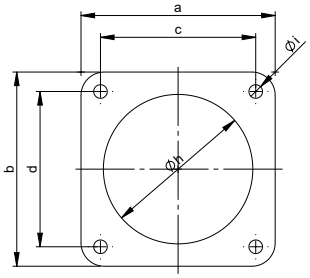
wire configuration	clock position	Symbol	Voltage (colors)	60A part number	c UL us LISTED 60A	HP-rating (locked rotor)
2P3W (3p)	4h		120VAC	6339-4	✔	2
	5h		277VAC	6339-5	✔	5
	6h		250VAC	6339-6	✔	3
	7h		480VAC	6339-7	✔	7.5
3P4W (4p)	5h		600VAC	6349-5	✔	25
	6h		380VAC	6349-6	✔	10
	7h		480VAC	6349-7	✔	20
	9h		250VAC	6349-9	✔	7.5
	12h		120/250VAC single phase	6349-12	✔	2/3
4P5W (5p)	5h		347/600VAC	6359-5	✔	25
	6h		200/346 to 240/415VAC	6359-6	✔	10
	7h		277/480VAC	6359-7	✔	20
	9h		120/208VAC	6359-9	✔	7.5

c UL us LISTED CE

UL-product category: QLIW / QLIW7
UL-file number: E252008

IP67
IP69k
4,4X





	60A		
Poles	**2P3W** (3p)	**3P4W** (4p)	**4P5W** (5p)
a x b [mm / inch]	100x100 / 3.94x3.94	100x100 / 3.94x3.94	100x100 / 3.94x3.94
c x d [mm / inch]	80x80 / 3.15x3.15	80x80 / 3.15x3.15	80x80 / 3.15x3.15
e [mm / inch]	50 / 1.97	50 / 1.97	50 / 1.97
f [mm / inch]	80 / 3.15	80 / 3.15	80 / 3.15
g [mm / inch]	7 / 0.28	7 / 0.28	7 / 0.28
h [mm / inch]	85 / 3.35	85 / 3.35	85 / 3.35
i [mm / inch]	147 / 5.79	147 / 5.79	147 / 5.79
j [mm / inch]	146 / 5.75	146 / 5.75	146 / 5.75
Weight [g / lb]	474 / 1.04	497 / 1.1	550 / 1.21

TECHNICAL DATA

ELECTRICAL	
Insulation Voltage, Max (Volts)	16/20A and 32/30A = 690V (Plugs, Connectors, Receptacles, Inlets) 60A = 690V (Plugs, Connectors, Receptacles, Inlets)
Dielectric Withstanding Voltage	16/20A and 32/30A = 3000VAC (Plugs, Connectors, Receptacles, Inlets) 60A = 3000VAC (Plugs, Connectors, Receptacles, Inlets)
Current Interrupting	IEC: Certified for current interrupting at 110% of the rated operating voltage and 125% of the rated current at a power factor of 0.6 (16A and 32A). UL: Certified for current interrupting at 100% of the rated operating voltage and 150% of the rated current at a power factor of 0.75-0.80 (20A and 30A) 150% of the rated current at a power factor of 0.75-0.80 (60A)
Endurance, Connect and disconnect cycles	IEC: 16A = 5000 with load at a power factor of 0.6 32A = 2000 (1000 alternating without load and 1000 with load at a power factor of 0.6) UL: 20A = 5000 with load at a power factor of 0.75-0.80 30A = 2000 (1000 alternating without load and 1000 with load at a power factor of 0.75-0.80) 60A = 2000 (1000 alternating without load and 1000 with load at a power factor of 0.75-0.80)

MECHANICAL	
Impact Resistance	Per IEC 60309-1 / Clause 24; UL 1682 and CSA C22.2 182.1 / Clause 5.13
Terminal Identification	Per IEC 60309-1 / Sub-clause 7.5; UL 1682 and CSA C22.2 No. 182.1

ENVIRONMENTAL	
Temperature Range, Operating	-25°C to +80°C (-13°F to +176°F)
Moisture Resistance	16/20A and 32/30A: Splashproof IP44; Watertight IP67 60A: IP rating: IP6X, X6, X7, X9k (watertight); UL type 4,4X
UV Endurance	UV Stabilized Material
Flammability	Per IEC 60309-1 / Clause 27: Contact Carrying Parts: 850°C Non Contact Carrying Parts: 650°C Flame Class Rating UL 94 or CSA C22.2 No.0.17: V-2

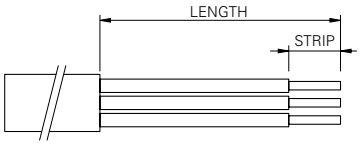
MATERIAL	16/32A and 20/30A	60A
Housing (Front and Back)	Polyamide 6	Polyamide 6
Cover	Polyamide 6	Polyamide 6
Hinged lid axle	Polyamide 6	Polycarbonat
Cover Spring	Spring steel (stainless steel)	Spring steel (stainless steel)
Contact Carrier	Polyamide 6	Polyamide 6 glass fiber reinforced
Contacts	Brass or Nickel-plated Brass	Brass or Nickel-plated Brass
Terminal Screws	Steel, Brass or Nickel-plated Brass	Steel
Cord Clamp / Bushing	Polypropylene and Thermoplastic Elastomer	Polyamide 6 glass fiber reinforced
Gland Nut	Polyamide 6	Polyamide 6 glass fiber reinforced
Locking Ring	Polyamide 6	Polycarbonat
Assembly Screws	Steel	Stainless steel

RECOMMENDED SIZE FOR CONNECTABLE CONDUCTORS (>50V)

Amp Rating		Flexible Wire for Plugs, Connectors, Receptacles, Inlets		Solid Wire for Receptacles, Inlets	
Series I	**Series II**	**Series I**	**Series II**	**Series I**	**Series II**
16A	20A	1-2.5mm²	AWG 16-12	1-4mm²	-
32A	30A	2.5-6mm²	AWG 14-10	2.5-10mm²	-
	60A	-	AWG 10-4	-	-

CORDAGE PREPARATION

CONDUCTOR	LENGTH	STRIP
16A / 20A	50mm / 1.97“	10-12mm / 0.39-0.47“
32A / 30A	50mm / 1.97“	12-14mm / 0.47-0.55“
60A	100mm / 3.94“	15-18mm / 0.59-0.71“

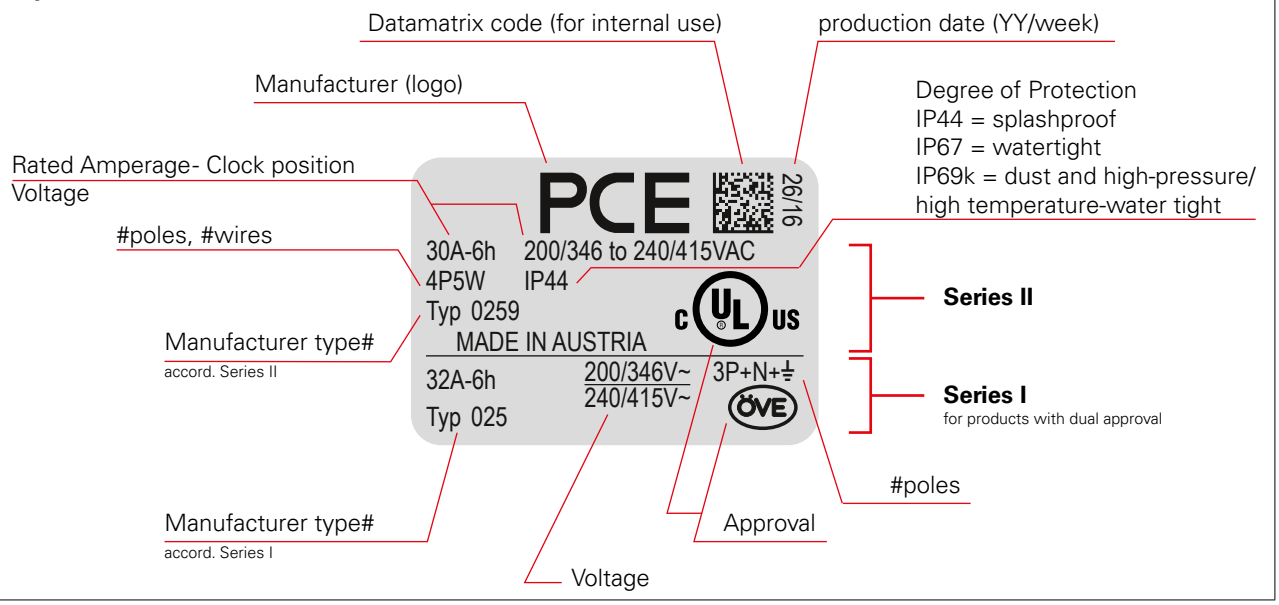


RECOMMENDED TORQUE TABLE

Amp Rating	Terminal Screws for Plugs, Connectors, Receptacles, Inlets	Strain Relief for Plugs, Connectors	Housing Screws
16A / 20A	1.0 Nm / 8.85 lbf-in	5 Nm / 44.3 lbf-in	1.1 Nm / 9.74 lbf-in
32A / 30A	1.1 Nm / 9.74 lbf-in	7 Nm / 62 lbf-in	1.1 Nm / 9.74 lbf-in
60A	2 Nm / 17.7 lbf-in	7.45 Nm / 66 lbf-in (nut) 1.60 Nm / 14.2 lbf-in (clamp)	2 Nm / 17.7 lbf-in

MARKING (LABEL)

Example: Label 0259-6



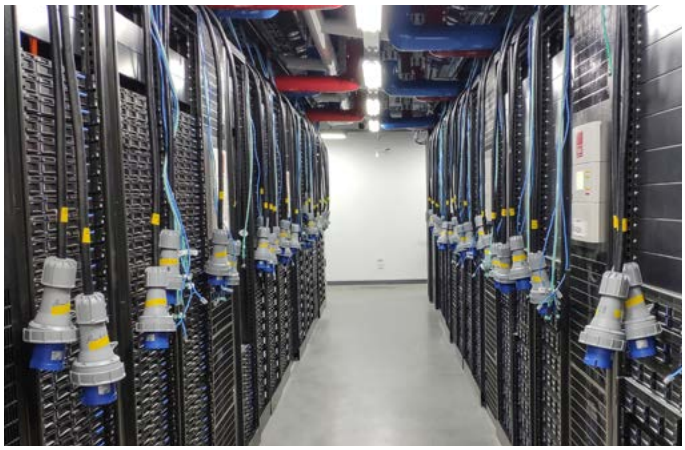
FIELDS OF APPLICATION

Data Centers



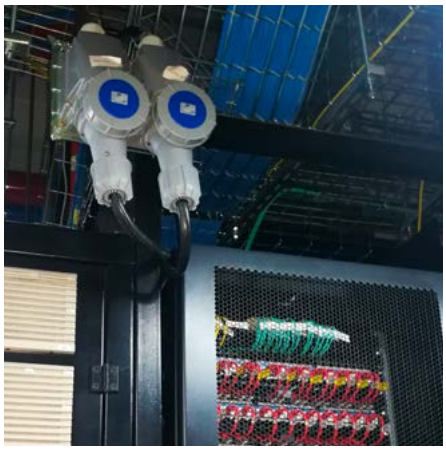
Reliable power supply for data centers

When it comes to powering server cabinets, 100% reliability is essential. PCE's high-quality pin & sleeve devices are ideal for PDUs in data centers. We offer plugs, connectors, wall sockets, and receptacles tailored to your needs. Our service is fast and flexible, even for large quantities.







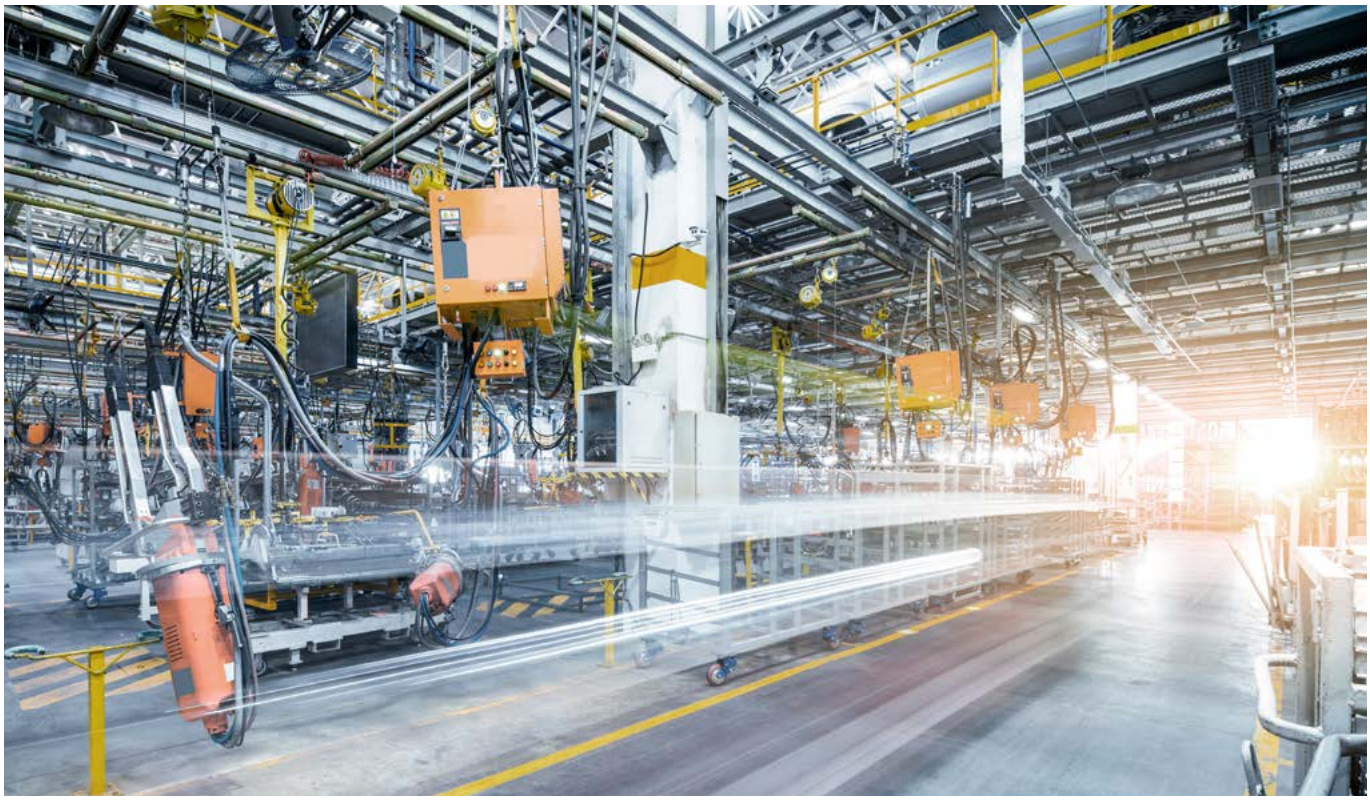






FIELDS OF APPLICATION

Industrial manufacturing | Construction sites







OEM Business, machines and power cords











FIELDS OF APPLICATION

Food industry





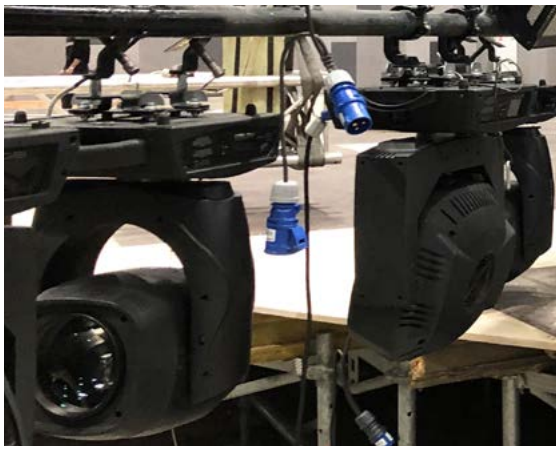


Film and event industry











IP44
OVERVIEW
QUICK ORDERING SYSTEM - PCE part numbers

20/30A IP44 splashproof

				PLUGS	CONNECTORS	RECEPTACLES			INLETS	
Amps	**Poles**	**Ground Pin**	**Voltage (colors)**			**flange straight**	**flange angled**	**wall (surface) mount**	**flange straight**	**wall mount**
20A	**2P3W** (3p)	4h*	120VAC	0139-4	2139-4	3139-4f7	4139-4f8	11391-4	6139-4	5139-4
		5h	277VAC	0139-5	2139-5	3139-5f7	4139-5f8	11391-5	6139-5	5139-5
		6h*	250VAC	0139-6	2139-6	3139-6f7	4139-6f8	11391-6	6139-6	5139-6
		7h	480VAC	0139-7	2139-7	3139-7f7	4139-7f8	11391-7	6139-7	5139-7
	3P4W (4p)	5h	600VAC	0149-5	2149-5	3149-5f7	4149-5f8	11491-5	6149-5	5149-5
		6h*	380VAC	0149-6	2149-6	3149-6f7	4149-6f8	11491-6	6149-6	5149-6
		7h	480VAC	0149-7	2149-7	3149-7f7	4149-7f8	11491-7	6149-7	5149-7
		9h*	250VAC	0149-9	2149-9	3149-9f7	4149-9f8	11491-9	6149-9	5149-9
		12h	120/250VAC single phase	0149-12	2149-12	3149-12f7	4149-12f8	11491-12	6149-12	5149-12
	4P5W (5p)	5h	347/600VAC	0159-5	2159-5	3159-5f7	4159-5	11591-5	6159-5	5159-5
		6h*	200/346 to 240/415VAC	0159-6	2159-6	3159-6f7	4159-6	11591-6	6159-6	5159-6
		7h	277/480VAC	0159-7	2159-7	3159-7f7	4159-7	11591-7	6159-7	5159-7
		9h*	120/208VAC	0159-9	2159-9	3159-9f7	4159-9	11591-9	6159-9	5159-9
30A	**2P3W** (3p)	4h*	120VAC	0239-4	2239-4	3239-4f7	4239-4	12391-4	6239-4	5239-4
		5h	277VAC	0239-5	2239-5	3239-5f7	4239-5	12391-5	6239-5	5239-5
		6h*	250VAC	0239-6	2239-6	3239-6f7	4239-6	12391-6	6239-6	5239-6
		7h	480VAC	0239-7	2239-7	3239-7f7	4239-7	12391-7	6239-7	5239-7
	3P4W (4p)	3h	380,440VAC	0249-3	2249-3	3249-3f7	4249-3	12491-3	6249-3	5249-3
		5h	600VAC	0249-5	2249-5	3249-5f7	4249-5	12491-5	6249-5	5249-5
		6h*	380VAC	0249-6	2249-6	3249-6f7	4249-6	12491-6	6249-6	5249-6
		7h	480VAC	0249-7	2249-7	3249-7f7	4249-7	12491-7	6249-7	5249-7
		9h*	250VAC	0249-9	2249-9	3249-9f7	4249-9	12491-9	6249-9	5249-9
		12h	120/250VAC single phase	0249-12	2249-12	3249-12f7	4249-12	12491-12	6249-12	5249-12
	4P5W (5p)	5h	347/600VAC	0259-5 "**h**"	2259-5 "**h**"	3259-5f7	4259-5	12591-5	6259-5	5259-5
		6h*	200/346 to 240/415VAC	0259-6 "**h**"	2259-6 "**h**"	3259-6f7	4259-6	12591-6	6259-6	5259-6
		7h	277/480VAC	0259-7 "**h**"	2259-7 "**h**"	3259-7f7	4259-7	12591-7	6259-7	5259-7
		9h*	120/208VAC	0259-9 "**h**"	2259-9 "**h**"	3259-9f7	4259-9	12591-9	6259-9	5259-9

0	Plug	TYPE
1	Receptacle- surface mounting	
2	Connector	
3	Receptacle straight- panel mounting	
4	Receptacle angled- panel mounting	
5	Inlet- surface mounting	
6	Inlet straight- panel mounting	
1	20A (& 16A when dual approval)	AMP
2	30A (& 32A when dual approval)	
3	60A	
3	2P3W (3p)	POLES/ WIRES
4	3P4W (4p)	
5	4P5W (5p)	
blank	Series I (International rating)	SERIES
9	Series II (North America rating) UL	
blank	IP44 splashproof (60A IP67 watertight)	IP
2	IP67 watertight (only for 20/30A)	
-	PCE version	VERSION
1 - 12	1 o'clock (1h)- 12 o'clock (12h)	CLOCK POS

example: **01592-6 Plug 20A 4P5W 6h IP67 UL**

0	1	5	9	2	-	6

Genral ordering information:

- To order nickel-plated contacts please add a „**v**" (e.g. 01392-6**v**) (only for 20/30A neccessary, 60A plugs are nickel plated in general)
- „**h**" for large cable diameter (see specs)

* UL and ÖVE (dual approval)

OVERVIEW
QUICK ORDERING SYSTEM - PCE part numbers

20/30/60A IP67 watertight

				PLUGS	CONNECTORS	RECEPTACLES			INLETS	
Amps	**Poles**	**Ground Pin**	**Voltage (colors)**			**flange straight**	**flange angled**	**wall (surface) mount**	**flange straight**	**wall mount**
20A	2P3W (3p)	4h*	120VAC	01392-4	21392-4	31392-4	41392-4f8	11392-4	61392-4	51392-4k
		5h	277VAC	01392-5	21392-5	31392-5	41392-5f8	11392-5	61392-5	51392-5k
		6h*	250VAC	01392-6	21392-6	31392-6	41392-6f8	11392-6	61392-6	51392-6k
		7h	480VAC	01392-7	21392-7	31392-7	41392-7f8	11392-7	61392-7	51392-7k
	3P4W (4p)	5h	600VAC	01492-5	21492-5	31492-5	41492-5f8	11492-5	61492-5	51492-5k
		6h*	380VAC	01492-6	21492-6	31492-6	41492-6f8	11492-6	61492-6	51492-6k
		7h	480VAC	01492-7	21492-7	31492-7	41492-7f8	11492-7	61492-7	51492-7k
		9h*	250VAC	01492-9	21492-9	31492-9	41492-9f8	11492-9	61492-9	51492-9k
		12h	120/250VAC single phase	01492-12	21492-12	31492-12	41492-12f8	11492-12	61492-12	51492-12k
	4P5W (5p)	5h	347/600VAC	01592-5	21592-5	31592-5	41592-5f78	11592-5	61592-5	51592-5k
		6h*	200/346 to 240/415VAC	01592-6	21592-6	31592-6	41592-6f78	11592-6	61592-6	51592-6k
		7h	277/480VAC	01592-7	21592-7	31592-7	41592-7f78	11592-7	61592-7	51592-7k
		9h*	120/208VAC	01592-9	21592-9	31592-9	41592-9f78	11592-9	61592-9	51592-9k
30A	2P3W (3p)	4h*	120VAC	02392-4	22392-4	32392-4	42392-4f78	12392-4	62392-4	52392-4k
		5h	277VAC	02392-5	22392-5	32392-5	42392-5f78	12392-5	62392-5	52392-5k
		6h*	250VAC	02392-6	22392-6	32392-6	42392-6f78	12392-6	62392-6	52392-6k
		7h	480VAC	02392-7	22392-7	32392-7	42392-7f78	12392-7	62392-7	52392-7k
	3P4W (4p)	3h	380,440VAC	02492-3	22492-3	32492-3	42492-3f78	12492-3	62492-3	52492-3k
		5h	600VAC	02492-5	22492-5	32492-5	42492-5f78	12492-5	62492-5	52492-5k
		6h*	380VAC	02492-6	22492-6	32492-6	42492-6f78	12492-6	62492-6	52492-6k
		7h	480VAC	02492-7	22492-7	32492-7	42492-7f78	12492-7	62492-7	52492-7k
		9h*	250VAC	02492-9	22492-9	32492-9	42492-9f78	12492-9	62492-9	52492-9k
		12h	120/250VAC single phase	02492-12	22492-12	32492-12	42492-12f78	12492-12	62492-12	52492-12k
	4P5W (5p)	5h	347/600VAC	02592-5 "**h**"	22592-5 "**h**"	32592-5	42592-5f78	12592-5	62592-5	52592-5k
		6h*	200/346 to 240/415VAC	02592-6 "**h**"	22592-6 "**h**"	32592-6	42592-6f78	12592-6	62592-6	52592-6k
		7h	277/480VAC	02592-7 "**h**"	22592-7 "**h**"	32592-7	42592-7f78	12592-7	62592-7	52592-7k
		9h*	120/208VAC	02592-9 "**h**"	22592-9 "**h**"	32592-9	42592-9f78	12592-9	62592-9	52592-9k
60A	2P3W (3p)	4h	120VAC	0339-4	2339-4	3339-4	-	-	6339-4	-
		5h	277VAC	0339-5	2339-5	3339-5	-	-	6339-5	-
		6h	250VAC	0339-6	2339-6	3339-6	-	-	6339-6	-
		7h	480VAC	0339-7	2339-7	3339-7	-	-	6339-7	-
	3P4W (4p)	5h	600VAC	0349-5	2349-5	3349-5	-	-	6349-5	-
		6h	380VAC	0349-6	2349-6	3349-6	-	-	6349-6	-
		7h	480VAC	0349-7	2349-7	3349-7	-	-	6349-7	-
		9h	250VAC	0349-9	2349-9	3349-9	-	-	6349-9	-
		12h	120/250VAC single phase	0349-12	2349-12	3349-12	-	-	6349-12	-
	4P5W (5p)	5h	347/600VAC	0359-5	2359-5	3359-5	-	-	6359-5	-
		6h	200/346 to 240/415VAC	0359-6	2359-6	3359-6	-	-	6359-6	-
		7h	277/480VAC	0359-7	2359-7	3359-7	-	-	6359-7	-
		9h	120/208VAC	0359-9	2359-9	3359-9	-	-	6359-9	-

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Diesseits 145 · 4973 St. Martin im Innkreis · AUSTRIA
TEL +43 7751 61220 · office@pcelectric.at · **www.pcelectric.com**

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