



**POWER N PACK**  
Plugged into the future

# Product Preview





# HONOR

In order to achieve the goal of high quality

We have adopted and run with ISO 9001 international quality management system standard. As an export oriented enterprise POWER N PACK has also got range of international organizations' product Certifications in related fields.



# TESTING AND QUALITY ASSURANCE

## POWER N PACK

### INSERTION AND EXTRACTION FORCE TEST



At product design, first we define a logical temperature rise range, and then we do best to make the product with a best insertion and extraction handle within the range.

The purpose of insertion and extraction test is to convert emotional handle into rational data for the use in product design, improvement, evaluation and delivery inspection.

### SAND AND DUST TEST



We produce products available for use around the world, so one of problems taken into account is the operational environment for the product, so as to evaluate the product adaptability of storage, transport or storage, transport or operation when it's exposed to atmosphere with dry sand or dust.

Sand and dust test adopts simulated sand and dust environment to test the dust resistance of the product and to confirm whether the product can be used for long in various hostile natural environment.

## RAIN TEST



As is well-known, the product in working condition or in storage condition, tends to be affected by various kinds of liquid more or less. The osmosis, flow, impact or accumulation of the liquid may have a variety of effect on the product material and performance, and even may destroy its structure. Therefore, the affect from liquid can not be ignored.

The purpose of rainfall test is to confirm the reverse osmose capacity of the housing and its operation stability and reliability when or after the equipment undergoes liquid erosion.

## HIGH AND LOW TEMPERATURE TEST



Present in the Earth's surface and atmosphere, space and variety of natural environmental factors induced by environmental factors, many of them larger factors on the use of electrical products and life no less than a dozen. Effect of temperature on the product is the most obvious.

At low temperature, high temperature conditions, and other relevant physical characteristics of the product environment simulation test, after the test, by testing to determine the performance of the product, is still able to meet predetermined requirements.

## PRESSURE TEST



We designed and developed products, mainly to meet the long-term work in the exposed environment. So that the product has better, better compression capacity. Our test in order to facilitate the real environment in the test, to enrich the performance of product design and development.

# FEATURE FEATURE OF PLUG AND SOCKET

POWER N PACK

## STANDARD CONNECTOR



Connector with double screw type terminals, the cable wire stripping placed below the terminal, tighten the bolts first one, good pretension, then release the cable conductors, free tightened. Such a standard design, assembly is simple, simple, safe, and durable.

## STANDARD PLUG



Depending on the polarity of the connecting cable, customers can freely choose the cable wiring, you can not import the cable core wire nuts, you can use the cable core wire nuts imported. Selective and flexible, there is no security risk. Plug design economical and practical, to meet customer's operational requirements.

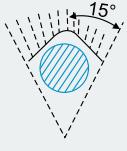
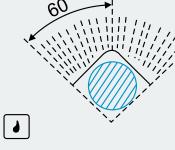
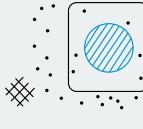
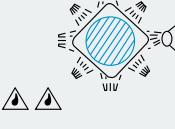
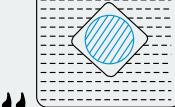
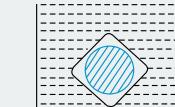
- 
- Socket terminal housing high-temperature resistant
  - The diameter of cable for 63A is 36.5mm, 125A is 50mm
  - The terminal of 125A are torsion terminal
  - Can be inserted with big diameter cable
  - Without cable wiring cap
  - Contact pressure equalization
  - Excellent conductive properties

- 
- 16A, 32A, 63A Connector use soft contact technology
  - Superior insertion and retention performance
  - Superior mechanical properties and electrical properties

- 
- Excellent contact, loosen the tail bolts to install easily

# PARAMETER PROTECTION RATINGS

POWER N PACK

Protection Against Solids			Protection Against Liquids			Protection Against Impact		
IP	0	Testing No Protection	IP	0	Testing No Protection	IK	00	Testing No Protection
1	1	 Protected against solid objects equal to or greater than 50mm diameter. (e.g. accidental contact with hand)	1	1	 Protected against drops of water falling vertically	1	1	 0.2kg impact at 35cm
2	2	 Protected against solid objects equal to or greater than 12mm diameter. (e.g. contact with finger)	2	2	 Protected against drops of water falling at up to 15 degree from the vertical	2	2	 0.5kg impact at 20cm
3	3	 Protected against solid objects equal to or greater than 2.5mm diameter. (e.g. tools and wires)	3	3	 Protected against spraying water falling at up to 60 degree from the vertical	3	3	 0.5kg impact at 40cm
4	4	 Protected against solid objects equal to or greater than 1mm diameter. (e.g. wires)	4	4	 Protected against splashing water from all directions.	4	4	 1.7kg impact at 30cm
5	5	 Protected against quantities of dust	5	5	 Protected against jets of water from all directions.	5	5	 5kg impact at 20cm
6	6	 Completely protected against dust.	6	6	 Protected against jets of water of similar force to heavy seas.	6	6	 5kg impact at 40cm
			7	7	 Protected against the effects of immersion at 5cm below surface of water			
			8	8	 Protected against the effects of continuous immersion.			

According to the 100th part of VDE0470  
"The protection degree of external operation of electrical equipment to the external mechanical damage(IK code)" IK code represent the protection degree of the shell against mechanical impact.  
IK code: Impact energy/joules

# General Technical Information

## Industrial Plugs & Sockets to IEC 60309 Rated Operation Voltage > 50 V

### Clock face position

Viewing the socket from the front, the clock face position h is established by observing the position of the earth contact with respect to the major keyway, which is always situated at 6 O' clock.

The different voltages are identified by conventional colour codes.

### Clock Reference

All the versions required by the IEC 60309 Standard are available, including the more specific.

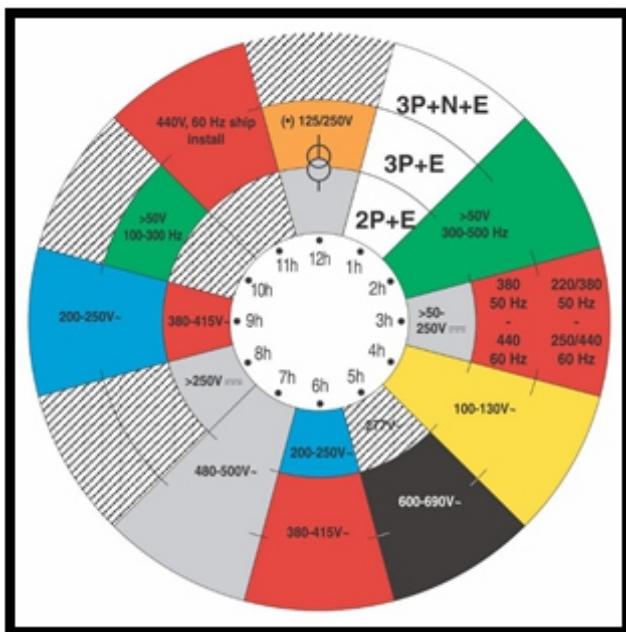
### Examples

All the versions required by the IEC 60309 Standard are available, including the more specific.

- Standard use
- Refrigerated container
- Marine, port or ship installation
- Direct current (2P+E)
- Supply by isolation transformer (TST)
- High frequency, from 100 to 300 Hz
- High frequency, from 300 to 500 Hz
- Specific Voltage 100-130V
- Specific Voltage 480-500V
- Specific Voltage 600-690V

6 h
3 h
11 h
<b>3 h &amp; 8 h</b>
12 h
10 h
2 h
4 h
7 h
5 h

### Clock Position - IEC ratings



(.) Only for Series II

### Clock Diagram

Clock face position (h) of the earth pole of low Voltage (>50 V) industrial plugs & sockets IEC 60309-2 for different applications (polarity, voltage, frequency, current).

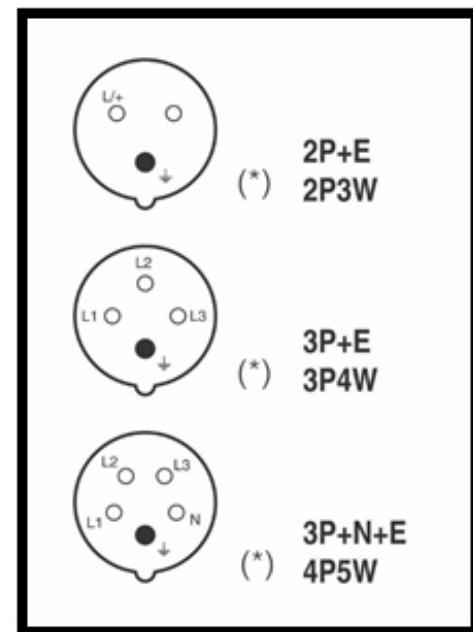
### Colour Code

The operating voltages are identified by conventional colors as shown in the table.

Color	Rated operating Voltage V			
Violet	From	20	To	25
White	From	40	To	50
Yellow	From	100	To	130
Blue	From	200	To	250
Red	From	380	To	480
Black	From	500	To	690

Combinations of green with the colour of the rated operating voltage can be used to identify frequencies between 60 Hz and 500 Hz inclusive.

### Socket (front view)



(\*) Major keyway

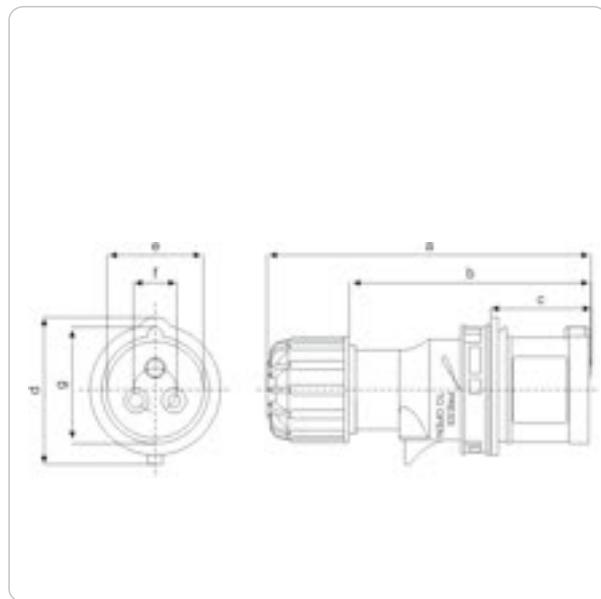
Sr. No.	Content	Page No.
1	IP 44 Standard Plugs	1
2	IP 67 Standard Plugs	2
3	IP 44 Standard Couplers	3
4	IP 67 Standard Couplers	4
5	IP 44 Panel Mounted Sockets	5
6	IP 67 Panel Mounted Sockets	6
7	IP 44 Angular Mounted Sockets	7
8	IP 67 Angular Mounted Sockets	8
9	IP 44 Surface Mounted (Wall) Sockets	9
10	IP 67 Surface Mounted (Wall) Sockets	10
11	IP 44 Panel Mounted (Reverse/Inlet) Plugs	11
12	IP 67 Panel Mounted (Reverse/Inlet) Plugs	12
13	IP 44 Surface Mounted (Reverse/Inlet) Plugs	13
14	IP 67 Surface Mounted (Reverse/Inlet) Plugs	14
15	IP 44 Horizontal Switch Socket Interlocks	15
16	IP 67 Horizontal Switch Socket Interlocks	16
17	IP 67 Vertical Switch Socket Interlocks	17
18	IP 67 Duo Switch Socket Interlocks	18
19	IP 44 Multi-Outlet Sockets [2Way]	19
20	IP 67 Multi-Outlet Sockets [2Way]	20
21	IP 44 Multi-Outlet Sockets [3Way]	21
22	IP 67 Multi-Outlet Sockets [3Way]	22
23	IP 67 Reefer Container Plug & Sockets	23
24	IP 44 Low Voltage Plugs	24
25	IP 44 Low Voltage Couplers	25
26	IP 44 Low Voltage Sockets	26
27	IP 67 Low Voltage Plug, Coupler & Socket	27
28	IP 67 Large Amp Plug	28
29	IP 67 Large Amp Connector	29
30	IP 67 Large Amp Socket	30
31	IP 44 Event (Black) Plug & Coupler	31
32	IP 44 Schuko Plug, Connector & Socket	32
33	IP 44 International Cam-Lock Plugs, Connectors, Sockets	33
34	IP 44 European Cam-Lock Plugs, Connectors, Sockets	34
35	IP 67 Transparent Window Cover	35
36	IP 65/66 Waterproof MCB Box	36
37	IP 67 Combination Box with Socket	37
38	IP 44/67 Power Distribution Box (Panels)	38

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK - CEE/IEC International Standard Plug

Conform to European / international standards EN/IEC 60309-2



### IP 44 CEE/IEC Standard Plug 16A-63A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

### MODEL

16	3	PP41P			PP47P												10	136
	4																10	152
	5				PP42P												10	173
32	3	PP43P															10	234
	4				PP48P												10	276
	5				PP44P												10	317
63	3	PP45P															5	580
	4				PP49P												5	632
	5				PP46P												5	684

### Parameter

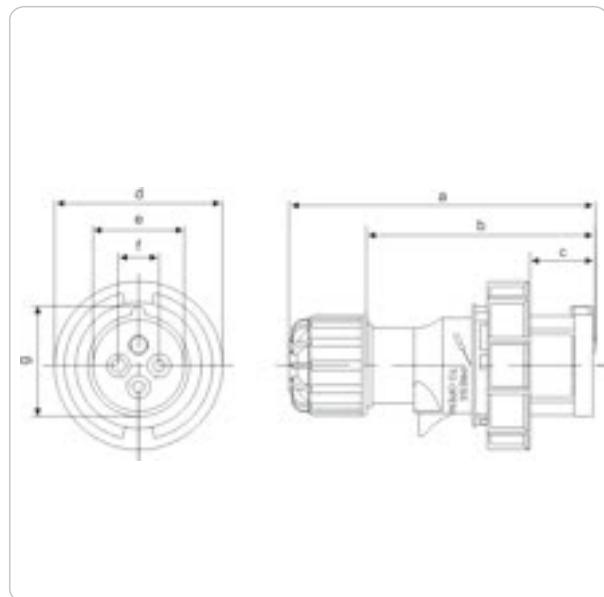
Size(mm)	Amp	16			Amp	16			Amp	32			Amp	32			Amp	63			Amp	63		
	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5
a	128	132.5	139.5		Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			a	162	162	162	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			a	215.5	215.5	215.5	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max					
b	95	99.5	106.5					b	125	125	125				b	160.5	160.5	160.5						
c	40	40	40		1.5-2.5			c	48.5	48.5	48.5	4-6			c	87.3	87.3	87.3	10-16					
d	59.2	66.3	76.3					d	81	81	89.5				d	96.7	96.7	96.7						
e	39	44	50					e	50.5	50.5	56.5				e	63	63	63						
f	17.5	21.6	26.6					f	25	25	30				f	36.5	36.5	36.5						
g	47	53.5	62					g	63	63	69.5				g	75.3	75.3	75.3						

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK - CEE/IEC International Standard Plug

Conform to European / international standards EN/IEC 60309-2



IP 67 CEE/IEC Standard Plug 16A-125A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

#### MODEL

16	3	PL11P	PP01P	PP09P																10	157
	4			PP02P																10	163
	5																			10	210
32	3		PP03P																	10	291
	4			PP10P																10	315
	5			PP04P																10	327
63	3		PP07P																	5	661
	4			PP11P																5	725
	5			PP05P																5	776
125	3		PP08P																	1	1095
	4			PP12P																1	1220
	5			PP06P																1	1331

#### Parameter

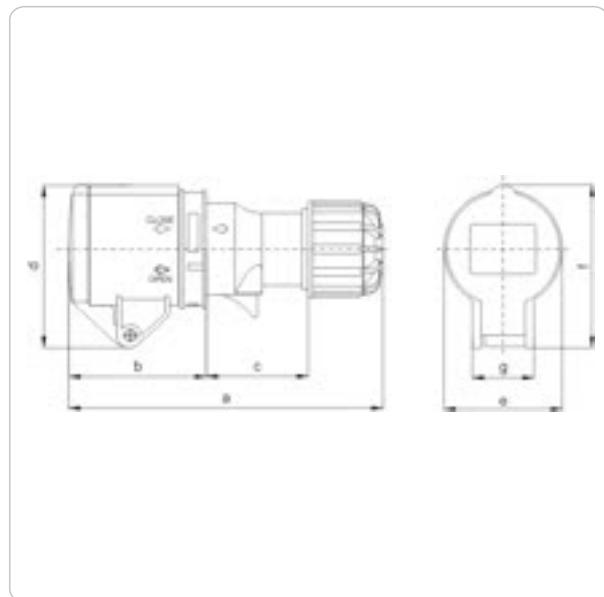
Size(mm)	Amp	16			Amp	16			Amp	32			Amp	32			Amp	63			Amp	63			Amp	125			Amp	125		
	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5				
	a	128	132.5	139.5					a	157	157	162					a	215.5	215.5	215.5					a	282.6	282.6	282.6				
	b	95	99.5	106.5		Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			b	120	120	125		Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			b	160.5	160.5	160.5		Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			b	218.6	218.6	218.6		Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max		
	c	27	27	27		1.5-2.5			c	34.1	34.1	34.1		4-6			c	49.6	49.6	49.6		10-16			c	95.7	95.7	95.7		25-35		
	d	71.5	79.5	87.5					d	93.5	93.5	101					d	112.9	112.9	112.9					d	132.8	132.8	132.8				
	e	39	44	50					e	50.5	50.5	56.5					e	63	63	63					e	74.4	74.4	75.1				
	f	17.5	21.	26.6					f	25	25	30					f	36.5	36.5	36.5					f	42.5	42.5	42.5				
	g	47	53.5	62					g	63	63	69.5					g	75.3	75.3	75.3					g	87.2	87.2	87.2				

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK - CEE/IEC International Standard Connector

Conform to European / international standards EN/IEC 60309-2



IP 44 CEE/IEC Standard Connector 16A-63A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

#### MODEL

16	3	PP41S			PP47S												10	161
	4																10	172
	5																10	194
32	3	PP43S			PP48S												10	221
	4																10	264
	5																10	305
63	3	PP45S			PP49S												5	573
	4																5	593
	5																5	643

#### Parameter

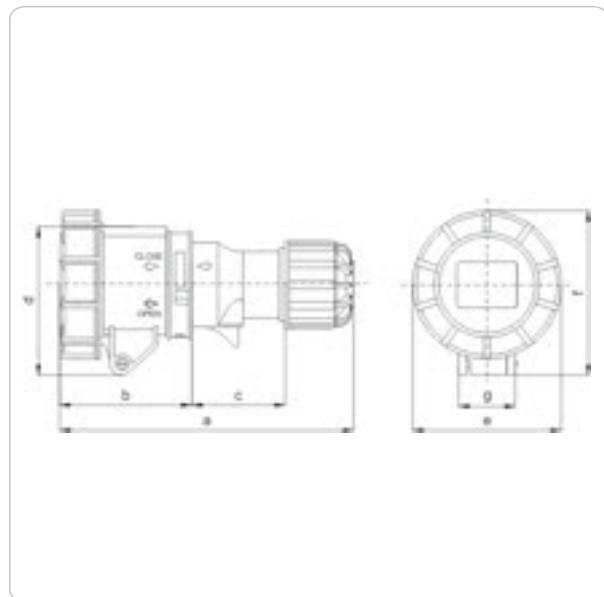
Size(mm)	Amp	16			Amp	16			Amp	32			Amp	32			Amp	63			Amp	63		
	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5
a	136	142.5	150		Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			a	171	171	176	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			a	233.7	233.7	233.7	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max					
b	61	62	62					b	75	75	75				b	105.5	105.5	105.5						
c	42.2	47.5	55		1.5-2.5			c	59	59	64	4-6			c	73.2	73.2	73.2	10-16					
d	72	77	82.5					d	88.6	88.6	100.2				d	108.1	108.1	108.1						
e	52.2	58.6	65.3					e	67.4	67.4	73.5				e	95.7	95.7	95.7						
f	72	77	82.5					f	88.6	88.6	100.2				f	108.1	108.1	108.1						
g	27.2	27.2	27.2					g	34.5	34.5	34.5				g	34	34	34						

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK - CEE/IEC International Standard Connector

Conform to European / international standards EN/IEC 60309-2



IP 67 CEE/IEC Standard Connector 16A-125A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

#### MODEL

16	3	PL11C	PP01S																10	173
	4			PP09S															10	184
	5			PP02S															10	206
32	3		PP03S																10	254
	4			PP10S															10	269
	5			PP04S															10	314
63	3		PP07S																5	630
	4			PP11S															5	659
	5			PP05S															5	696
125	3		PP08S																1	1080
	4			PP12S															1	1208
	5			PP06S															1	1301

#### Parameter

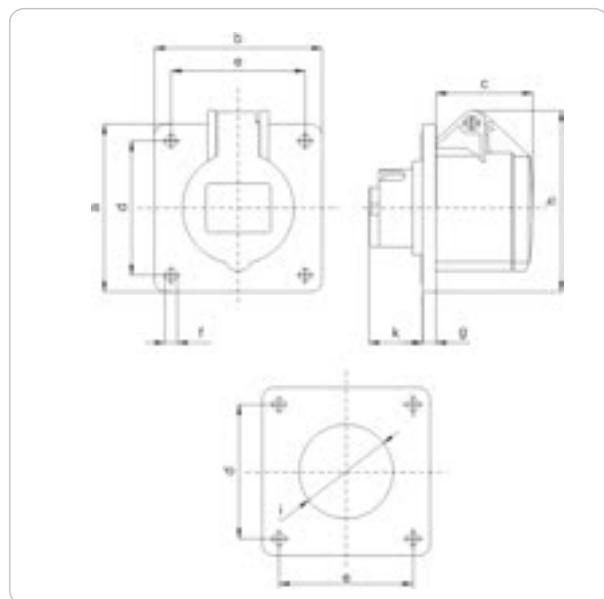
Size(mm)	Amp	16	Amp	16	Amp	32	Amp	32	Amp	63	Amp	63	Amp	125	Amp	125	Amp	125
	Poles	3 4 5	Poles	3 4 5	Poles	3 4 5	Poles	3 4 5	Poles	3 4 5	Poles	3 4 5	Poles	3 4 5	Poles	3 4 5	Poles	3 4 5
	a	139 145 152			a	172.8 172.8 178.5			a	236.1 236.1 236.1			a	302.3 302.3 302.3				
	b	63.5 64.5 64.5			b	76.8 76.8 77.5			b	107.9 107.9 107.9			b	115.4 115.4 115.4			Conductor cross-sectional area (mm²)Min. To Max	
	c	42.2 47.5 55		1.5-2.5	c	59 59 64		4-6	c	73.2 73.2 73.2		10-16	c	122.9 122.9 122.9		25-35		
	d	71.5 77 84			d	87.5 87.5 99			d	102.4 102.4 102.4			d	114.2 114.2 114.2				
	e	71.5 79 87.5			e	93 93 101			e	117 117 117			e	129.7 129.7 129.7				
	f	79.2 85 91			f	96.5 96.5 108.5			f	112.6 112.6 112.6			f	123.4 123.4 123.4				
	g	27.2 27.2 27.2			g	34.5 34.5 34.5			g	34 34 34			g	34.5 34.5 34.5				

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK - CEE/IEC International Standard Panel Mounted Socket

Conform to European / international standards EN/IEC 60309-2



### IP 44 Panel Mounted Socket 16A-63A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

### MODEL

16	3	PS41S			PS47S															10	97
	4																			10	117
	5																			10	149
32	3	PS43S			PS48S															10	146
	4																			10	161
	5																			10	203
63	3	PS45S			PS49S															5	459
	4																			5	489
	5																			5	528

### Parameter

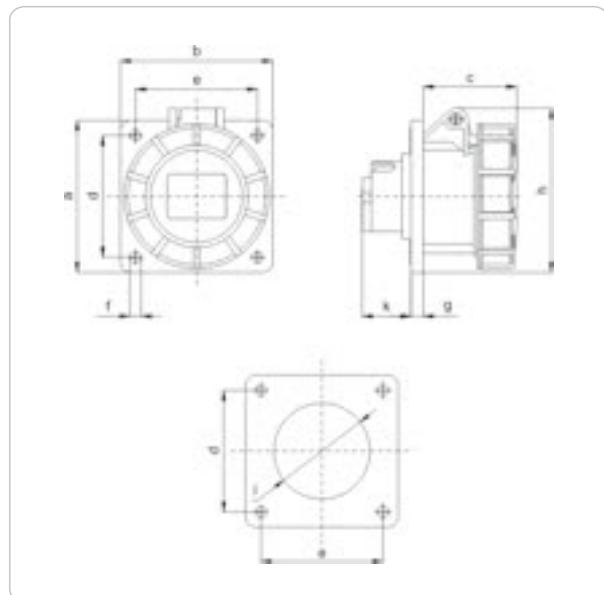
Size(mm)	Amp	16			Amp	16			Amp	32			Amp	32			Amp	63			Amp	63		
	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5
	a	75	75	75	k	23	23	23	a	75	75	75	k	25	25	25	a	100	100	100	k	17.2	17.2	17.2
	b	75	75	75	i	44	50	57	b	75	75	75	i	58	58	63	b	100	100	100	i	79	79	79
	c	43.2	45.2	51.2	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			c	62.2	62.2	67	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			c	102.6	102.6	102.6	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max		
	d	60	60	60				d	60	60	60				d	85	85	85						
	e	60	60	60	1.5-2.5			e	60	60	60	4-6			e	85	85	85	10-16					
	f	5.5	5.5	5.5				f	5.5	5.5	5.5				f	6.5	6.5	6.5						
	g	6	6	6				g	6	6	6				g	6	6	6						
	h	81	83	84				h	88.6	88.6	100.2				h	108.1	108.1	108.1						

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK - CEE/IEC International Standard Panel Mounted Socket

Conform to European / international standards EN/IEC 60309-2



IP 67 CEE/IEC Panel Mounted Socket 16A-125A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

#### MODEL

16	3	PL11S	PS01S	PS09S																10	122
	4			PS02S																10	142
	5																			10	165
32	3		PS03S																	10	188
	4			PS10S																10	203
	5			PS04S																10	223
63	3		PS07S																	5	511
	4			PS11S																5	537
	5			PS05S																5	580
125	3		PS08S																	5	909
	4			PS12S																5	1013
	5			PS06S																5	1117

#### Parameter

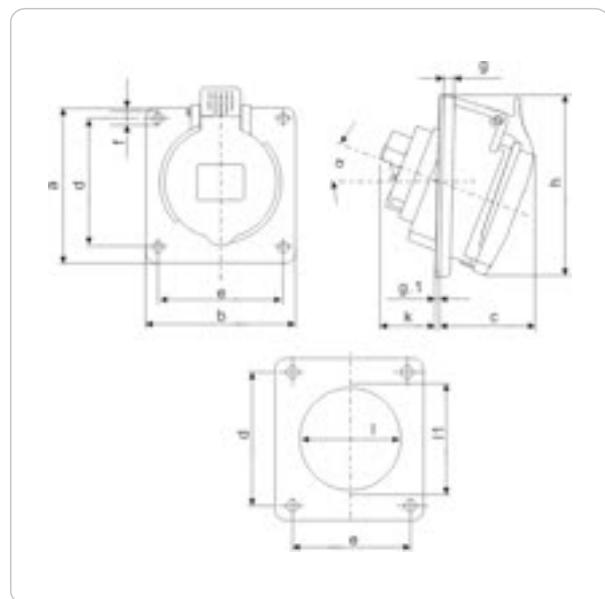
Size(mm)	Amp	16			Amp	16			Amp	32			Amp	32			Amp	63			Amp	63			Amp	125			Amp	125		
	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5				
	a	75	75	75	k	23	23	23	a	75	75	75	k	25	25	25	a	100	100	100	k	17.2	17.2	17.2	a	130	130	130	k	25.3	25.3	25.3
	b	75	75	75	i	44	50	57	b	75	75	75	i	58	58	63	b	100	100	100	i	79	79	79	b	130	130	130	i	99	99	99
	c	46.1	47.7	47.7	Conductor cross-sectional area (mm²)Min. To Max			c	57.7	57.7	63.5	Conductor cross-sectional area (mm²)Min. To Max			c	105	105	105	Conductor cross-sectional area (mm²)Min. To Max			c	112.1	112.1	112.1	Conductor cross-sectional area (mm²)Min. To Max						
	d	60	60	60				d	60	60	60				d	85	85	85				d	104	104	104							
	e	60	60	60	1.5-2.5			e	60	60	60	4-6			e	85	85	85	10-16			e	104	104	104	25-35						
	f	5.5	5.5	5.5				f	5.5	5.5	5.5				f	6.5	6.5	6.5				f	6.5	6.5	6.5							
	g	6	6	6				g	6	6	6				g	6	6	6				g	8	8	8							
	h	81	85	90.3				h	96.5	96.5	108.5				h	112.6	112.6	112.6				h	123.4	123.4	123.4							

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK CEE/IEC International Standard Panel Mounted Angle Socket

Conform to European / international standards EN/IEC 60309-2



IP 44 CEE/IEC Panel Mounted Angle Socket 16A-63A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100- 300Hz			>50-500V a.300- 500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

#### MODEL

16	3	PA41S																		10	130
	4							PA47S												10	185
	5							PA42S												10	205
32	3	PA43S																		10	236
	4							PA48S												10	250
	5							PA44S												10	288
63	3	PA45S																		5	520
	4							PA49S												5	567
	5							PA46S												5	625

#### Parameter

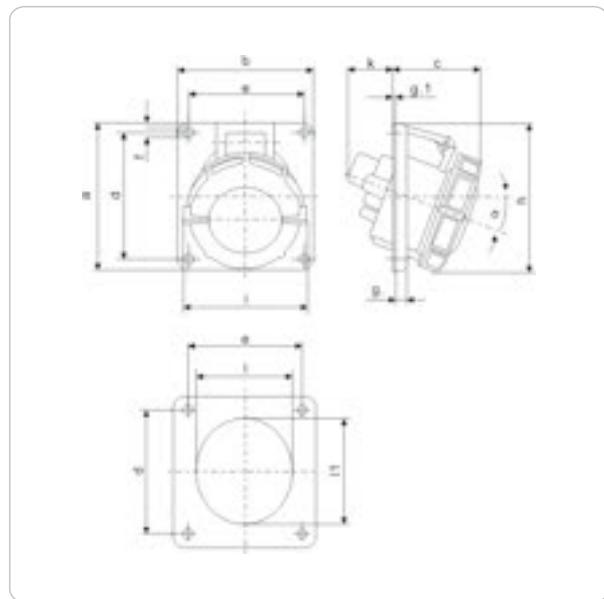
Size(mm)	Amp	16			Amp	16			Amp	32			Amp	32			Amp	63			Amp	63		
	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5
a	73.5	100	100	k	46	32	33	a	100	100	100	k	55	55	48	a	110	110	110	k	62	62	62	
b	64	92	92	l	55	70	70	b	92	92	92	l	73	73	75	b	106	106	106	l	86	86	86	
c	52	58	58	l1	65	80	80	c	59	59	60	l1	85	85	86	c	67.5	67.5	67.5	l1	99	99	99	
d	60	85	85	a	20°	20°	20°	d	85	85	85	a	20°	20°	20°	d	85	85	85	a	20°	20°	20°	
e	52	77	77	Conductor cross-sectional area (mm²)Min. To Max			e	77	77	77	Conductor cross-sectional area (mm²)Min. To Max			e	77	77	77	Conductor cross-sectional area (mm²)Min. To Max			Conductor cross-sectional area (mm²)Min. To Max			
f	5.3	5.3	5.3				f	5.5	5.5	5.5				f	6.5	6.5	6.5							
g.	7	8	8	1.5-2.5			g.	8	8	8	4-6			g.	12	12	12	10-16						
g.1	2	2	2				g.1	2	2	2				g.1	2	2	2							
h	79	105	108				h	107	107	112				h	134	134	134							

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK CEE/IEC International Standard Panel Mounted Angle Socket

Conform to European / international standards EN/IEC 60309-2



IP 67 CEE/IEC Panel Mounted Angle Socket 16A-125A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			400-440V			500V 50a.60Hz			>50-500V 100-300Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	4Pole 3h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h	

#### MODEL

16	3	PA01S																		10	203				
	4				PA09S																				
	5				PA02S																				
32	3				PA03S																		10	281	
	4				PA10S																		10	291	
	5				PA04S																		10	334	
63	3				PA07S																		5	520	
	4				PA11S																		5	607	
	5				PA05S																		5	668	
125	3				PA08S																		5	840	
	4				PA12S																		5	940	
	5				PA06S																		5	1171	

#### Parameter

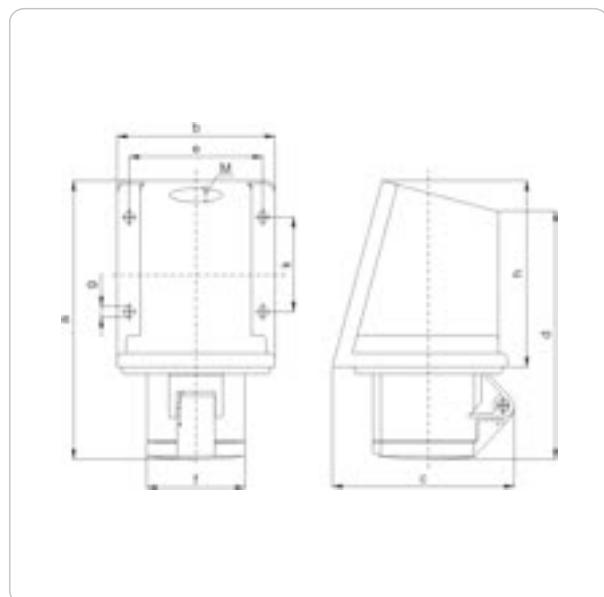
Size(mm)	Amp	16			Amp	16			Amp	32			Amp	32			Amp	63			Amp	63			Amp	125						
	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5				
a	73.5	100	100	i	78	85	96	a	100	100	100	i	103	103	110	a	110	110	110	h	115	115	115	a	114	114	114	h	125	125	125	
b	64	92	92	k	46	32	33	b	92	92	92	k	55	55	48	b	106	106	106	i	117	117	117	b	110	110	110	i	135	135	135	
c	52	59	62	l	55	70	70	c	64	64	66	l	70	70	73	c	83	83	83	l	86	86	86	c	75	75	75	l	100	100	100	
d	60	85	85	l1	65	80	80	d	85	85	85	l1	82	82	85	d	85	85	85	l1	99	99	99	d	90	90	90	l1	107	107	107	
e	52	77	77	77	a	20°	20°	20°	e	77	77	77	a	20°	20°	20°	e	77	77	77	k	62	62	62	e	90	90	90	k	98	98	98
f	5.3	5.3	5.3		Conductor cross-sectional area (mm²)Min. To Max			f	5.5	5.5	5.5		Conductor cross-sectional area (mm²)Min. To Max			f	6.5	6.5	6.5	a	20°	20°	20°	f	6.2	6.2	6.2	a	15°	15°	15°	
g	7	8	8					g.	8	8	8					g.	12	12	12		Conductor cross-sectional area (mm²)Min. To Max			g.	13	13	13		Conductor cross-sectional area (mm²)Min. To Max			
g1	2	2	2		1.5-2.5			g.1	2	2	2		4-6			g.1	2	2	2		10-16							25-35				
h	84	103	105					h	109	109	113																					

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK CEE/IEC International Standard Surface Mounted (Wall) Socket

Conform to European / international standards EN/IEC 60309-2



IP 67 CEE/IEC Surface Mounted Socket 16A-63A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

#### MODEL

16	3	PW41S			PW47S															10	178
	4																			6	202
	5				PW42S															10	225
32	3	PW43S																		10	231
	4				PW48S															10	246
	5				PW44S															10	288
63	3	PW45S						PW49S												5	823
	4							PW46S												5	854
	5																			5	897

#### Parameter

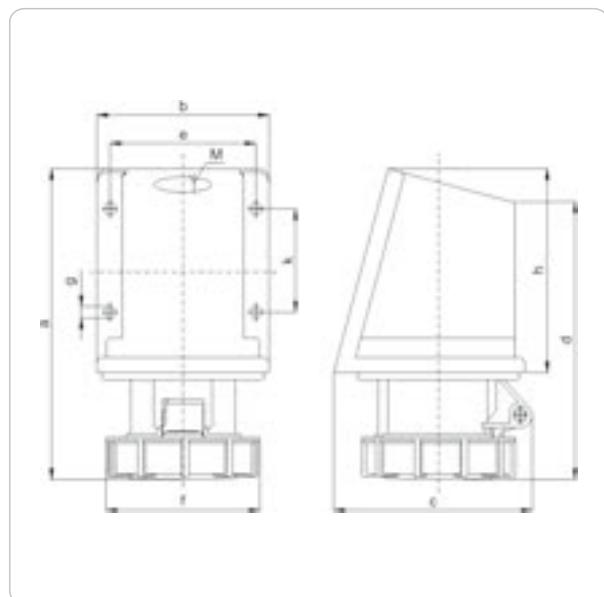
Size(mm)	Amp	16			Amp	16			Amp	32			Amp	32			Amp	63			Amp	63		
	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5
	a	141.2	141.2	141.2	k	49.7	49.7	49.7	a	152.3	152.3	157.3	k	49.7	49.7	49.7	a	244.6	244.6	244.6	k	82.1	82.1	82.1
	b	80	80	80	M	25	25	25	b	80	80	80	M	25	25	25	b	108.8	108.8	108.8	M	40	40	40
	c	92.2	94.2	95.3	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			c	98.7	98.7	106.7	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			c	115.7	115.7	115.7	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max					
	d	126	126	126	d	137	137	142	d	137	137	142	d	226.7	226.7	226.7	d	226.7	226.7	226.7				
	e	67.7	67.7	67.7	1.5-2.5			e	67.7	67.7	67.7	4-6			e	96.5	96.5	96.5	10-16					
	f	50	56	63				f	65.4	65.4	71.5				f	97.5	97.5	97.5						
	g	5.5	5.5	5.5				g	5.5	5.5	5.5				g	6.3	6.3	6.3						
	h	94.5	94.5	94.5				h	94.5	94.5	94.5				h	139.4	139.4	139.4						

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK CEE/IEC International Standard Surface Mounted (Wall) Socket

Conform to European / international standards EN/IEC 60309-2



### IP 67 CEE/IEC Surface Mounted Socket 16A-125A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			400-440V			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	4Pole 3h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h				

#### MODEL

	3	PW01S	PW09S																		10	207
16	4		PW02S																		10	227
	5		PW03S																		10	250
32	3		PW10S																		10	273
	4		PW04S																		10	288
63	5		PW07S																		5	884
	3		PW11S																		5	915
125	4		PW05S																		5	950
	5		PW08S																		4	1278
			PW12S																		4	1398
			PW06S																		4	1500

#### Parameter

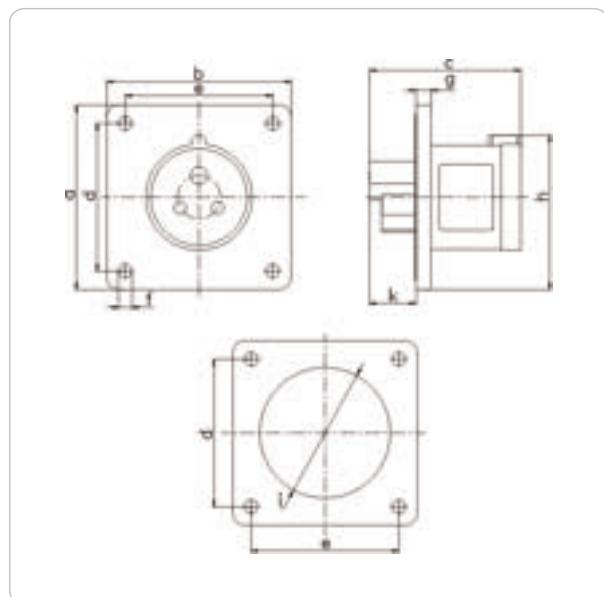
Size(mm)	Amp	16			Amp	16			Amp	32			Amp	32			Amp	63			Amp	63			Amp	125			Amp	125		
	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5				
	a	144	144	144	k	49.7	49.7	49.7	a	154	154	160	k	49.7	49.7	49.7	a	247	247	247	k	82.1	82.1	82.1	a	284.5	284.5	284.5	k	96.6	96.6	96.6
	b	80	80	80	M	25	25	25	b	80	80	80	M	25	25	25	b	108.8	108.8	108.8	M	40	40	40	b	138.8	138.8	138.8	M	50	50	50
	c	92.2	94.2	95.3	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			c	98.7	98.7	106.7	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			c	115.7	115.7	115.7	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			c	134.6	134.6	134.6	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max						
	d	129	129	129		d	138	138	144		d	229.1	229.1	229.1		d	229.1	229.1	229.1		d	262.2	262.2	262.2		d	262.2	262.2	262.2			
	e	67.7	67.7	67.7	1.5-2.5			e	67.7	67.7	67.7	4-6			e	96.5	96.5	96.5	10-16			e	120	120	120	25-35						
	f	71.5	79	87.5				f	93	93	101				f	117	117	117				f	129.7	129.7	129.7							
	g	5.5	5.5	5.5				g	5.5	5.5	5.5				g	6.3	6.3	6.3				g	8.5	8.5	8.5							
	h	94.5	94.5	94.5				h	94.5	94.5	94.5				h	139.4	139.4	139.4				h	170.3	170.3	170.3							

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK CEE/IEC International Standard Panel Mounted (Reverse/Inlet) Plug

Conform to European / international standards EN/IEC 60309-2



### IP 44 CEE/IEC Panel Mounted (Reverse/Inlet) Plug 16A-63A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

#### MODEL

16	3				PR41P															10	70
	4				PR47P															10	86
	5				PR42P															10	99
32	3				PR43P															10	118
	4				PR48P															10	125
	5				PR44P															10	148
63	3				PR45P															5	367
	4				PR49P															5	412
	5				PR46P															5	452

#### Parameter

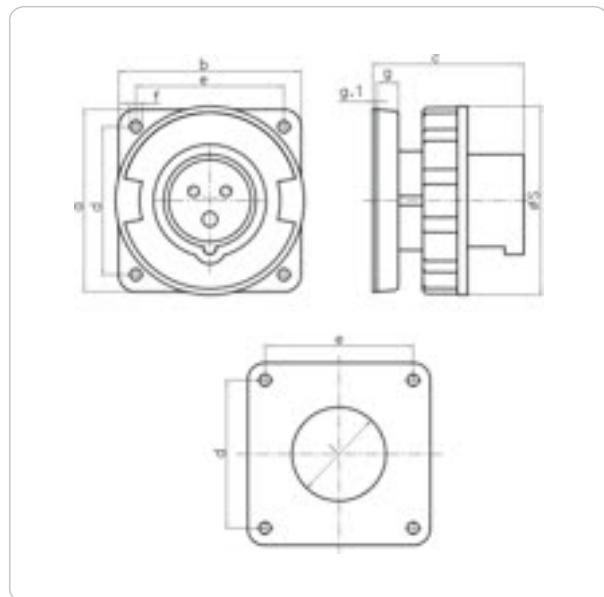
Size(mm)	Amp	16			Amp	16			Amp	32			Amp	32			Amp	63			Amp	63		
	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5
	a	75	75	75	k	18.5	18.5	18.5	a	75	75	75	k	18.5	18.5	18.5	a	100	100	100	k	17.2	17.2	17.2
	b	75	75	75	i	48.8	50.8	52.8	b	75	75	75	i	52	52	56.4	b	100	100	100	i	79	79	79
	c	62	62	62	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			c	70	70	70	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			c	107.6	107.6	107.6	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max					
	d	60	60	60				d	60	60	60				d	85	85	85						
	e	60	60	60	1.5-2.5			e	60	60	60	4-6			e	77	77	77	10-16					
	f	5.5	5.5	5.5				f	5.5	5.5	5.5				f	6.5	6.5	6.5						
	g	6	6	6				g	6	6	6				g	6	6	6						
	h	62.7	66.2	70.2				h	71.9	71.9	75.5				h	90.8	90.8	90.8						

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK - CEE/IEC International Standard Panel Mounted Plug

Conform to European / international standards EN/IEC 60309-2



### IP 67 CEE/IEC Panel Mounted Plug 16A-125A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

### MODEL

16	3	PR01P	PR09P																10	171
	4																		10	175
	5		PR02P																10	207
32	3	PR03P																	10	234
	4		PR10P																10	253
	5		PR04P																10	292
63	3	PR07P																	5	475
	4		PR11P																5	558
	5		PR05P																5	591
125	3	PR08P																	5	890
	4		PR12P																5	1005
	5		PR06P																5	1130

### Parameter

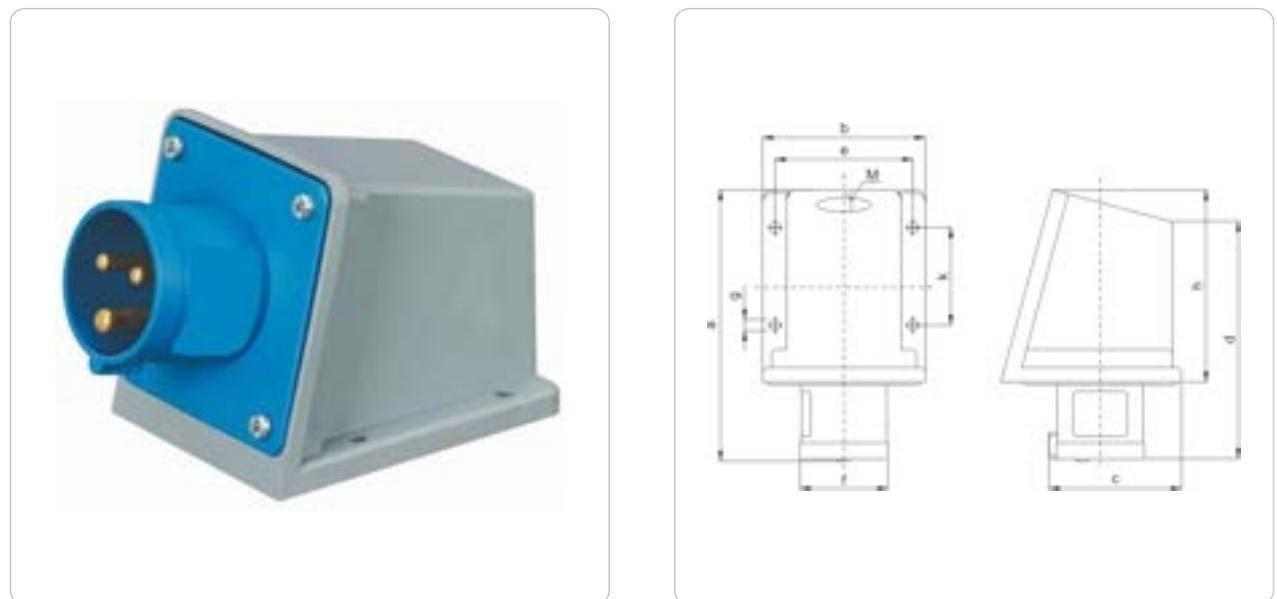
Size(mm)	Amp	16	Amp	16	Amp	32	Amp	32	Amp	63	Amp	63	Amp	125	Amp	125		
	Poles	3 4 5	Poles	3 4 5	Poles	3 4 5	Poles	3 4 5	Poles	3 4 5	Poles	3 4 5	Poles	3 4 5	Poles	3 4 5		
a	85.7 85.7 85.7		32 36 42	a	85.7 85.7 85.7		47 47 50	a	110 110 110		80 80 80	a	130 130 130		95 95 95			
b	85.7 85.7 85.7	s	71 79 89	b	85.7 85.7 85.7	s	94 94 102	b	106 106 106	s	113 113 113	b	130 130 130	s	132 132 132			
c	72 72 72		Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max	c	90 90 90		Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max	c	86 86 86		Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max	c	112 112 112		Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			
d	69.5 69.5 69.5			d	69.5 69.5 69.5			d	90 90 90			d	104 104 104					
e	69.5 69.5 69.5		1.5-2.5	e	69.5 69.5 69.5		4-6	e	90 90 90		10-16	e	104 104 104		25-35			
f	5.5 5.5 5.5			f	5.5 5.5 5.5			f	5.5 5.5 5.5			f	6.5 6.5 6.5					
g.	10 10 10			g.	10 10 10			g.	11 11 11			g.	25 25 25					
g.1	2 2 2			g.1	2 2 2			g.1	2 2 2			g.1	2 2 2					

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK CEE/IEC International Standard Surface Mounted (Reverse/Inlet) Plug

Conform to European / international standards EN/IEC 60309-2



IP 44 CEE/IEC Surface Mounted (Reverse/Inlet) Plug 16A-63A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

#### MODEL

16	3				PR41S															10	155
	4							PR47S												10	171
	5							PR42S												10	184
32	3				PR43S															10	193
	4							PR48S												10	210
	5							PR44S												10	234
63	3				PR45S															5	729
	4							PR49S												5	774
	5							PR46S												5	816

#### Parameter

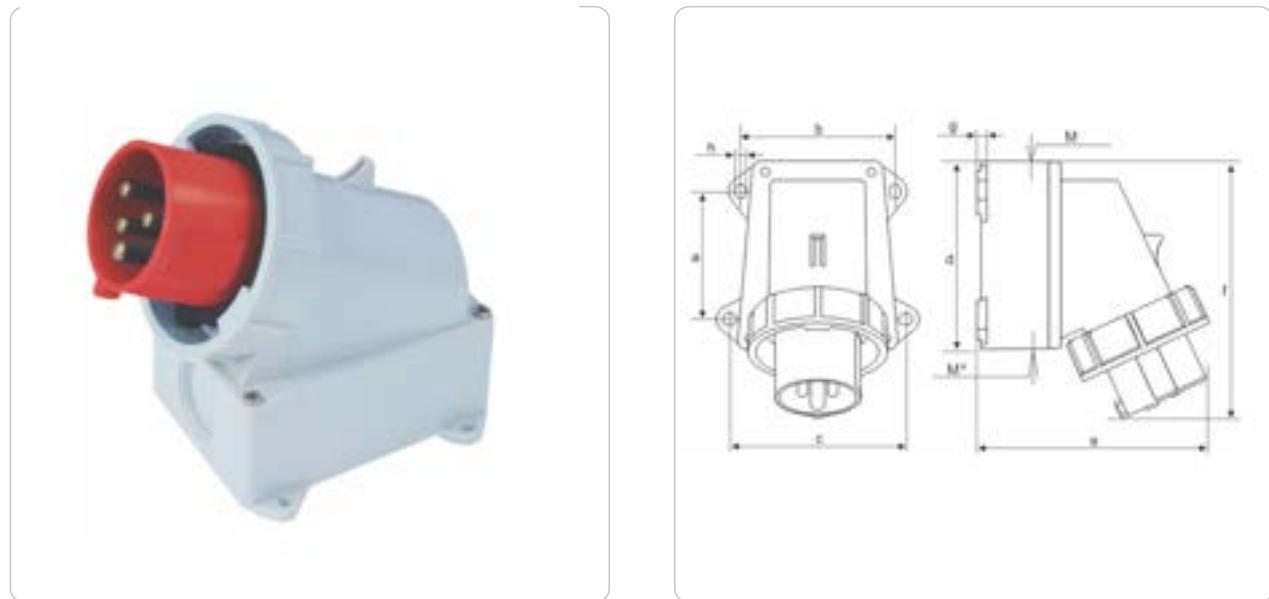
Size(mm)	Amp	16			Amp	16			Amp	32			Amp	32			Amp	63			Amp	63		
	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5
a	133.5	133.5	133.5		k	49.7	49.7	49.7	a	142	142	142	k	49.7	49.7	49.7	a	226.3	226.3	226.3	k	82.1	82.1	82.1
b	80	80	80		M	25	25	25	b	80	80	80	M	25	25	25	b	108.8	108.8	108.8	M	40	40	40
c	65.2	68.7	72.7		Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			c	74.4	74.4	78	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			c	95.1	95.1	95.1	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max					
d	117	117	117					d	126	126	126				d	208.5	208.5	208.5						
e	67.7	67.7	67.7		1.5-2.5			e	67.7	67.7	67.7	4-6			e	96.5	96.5	96.5	10-16					
f	43.2	49.2	55.8					f	57	57	63				f	69.1	69.1	69.1						
g	5.5	5.5	5.5					g	5.5	5.5	5.5				g	6.3	6.3	6.3						
h	94.5	94.5	94.5					h	94.5	94.5	94.5				h	139.4	139.4	139.4						

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK CEE/IEC International Standard Surface Mounted (Reverse/Inlet) Plug

Conform to European / international standards EN/IEC 60309-2



IP 67 CEE/IEC Surface Mounted Plug 16A-63A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

#### MODEL

16	3	PR01S			PR09S			PR02S			PR03S			PR10S			PR04S			PR07S			PR11S			PR05S			10	171
	4																												10	175
	5																												10	207
32	3																												10	234
	4																												10	253
	5																												10	292
63	3																												3	873
	4																												3	931
	5																												3	975

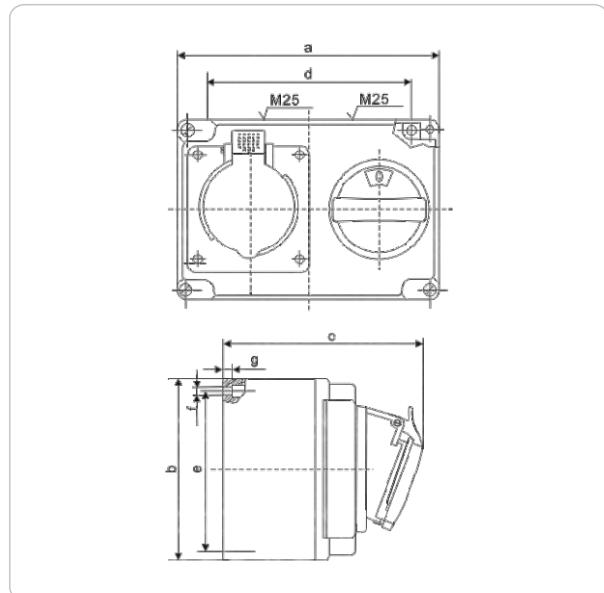
Size(mm)	Amp	16			Amp	16			Amp	32			Amp	32			Amp	63			Amp	63					
	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5			
a	64.2	64.2	64.2	M	25	25	25	a	90.2	90.2	90.2	M	32	32	32	a	133.3	133.3	133.3	M	40	40	40				
b	77.5	77.5	77.5	M*				b	79	79	79	M*				b	107.8	107.8	107.8	M*							
c	88	88	88		Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			c	98.5	98.5	98.5		Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			c	136	136	136		Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max						
d	94.6	94.6	94.6					d	120.7	120.7	120.7					d	171.3	171.3	171.3								
e	116.5	105	134.4		1.5-2.5			e	148.4	148.4	155.4		4-6			e	180.1	180.1	180.1		10-16						
f	129.4	129.4	128.3					f	162.8	162.8	161.8					f	219.4	219.4	219.4								
g	5	5	5					g	5	5	5					g	5	5	5								
h	5.5	5.5	5.5					h	5.5	5.5	5.5					h	6	6	6								

## CEE/IEC

EN/IEC 60309-2

POWER N PACK - CEE/IEC International Standard Socket with Switches and Mechanical Interlock

Conform to European / international standards EN/IEC 60309-2



IP 44 CEE/IEC Socket with Switches and Mechanical Interlock 16A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

### MODEL

16	3	PH41S																	1	1010
	4																		1	1032
	5																		1	1064

### Parameter

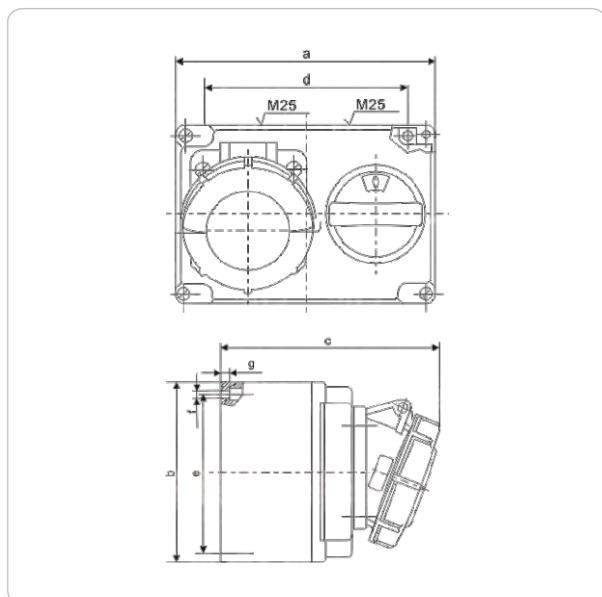
Size(mm)	Amp	16	Amp	16															
	Poles	3 4 5	Poles	3 4 5															
	a	170 170 170	M	25 25 25															
	b	118 118 118	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max																
	c	134 137 141																	
	d	136 136 136	1.5-2.5																
	e	104 104 104																	
	f	6.1 6.1 6.1																	
	g	2.5 2.5 2.5																	

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK - CEE/IEC International Standard Socket with Switches and Mechanical Interlock

Conform to European / international standards EN/IEC 60309-2



### IP 67 CEE/IEC Socket with Switches and Mechanical Interlock 16A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

#### MODEL

16	3	PH01S																	1	1010
	4																		1	1032
	5																		1	1064

#### Parameter

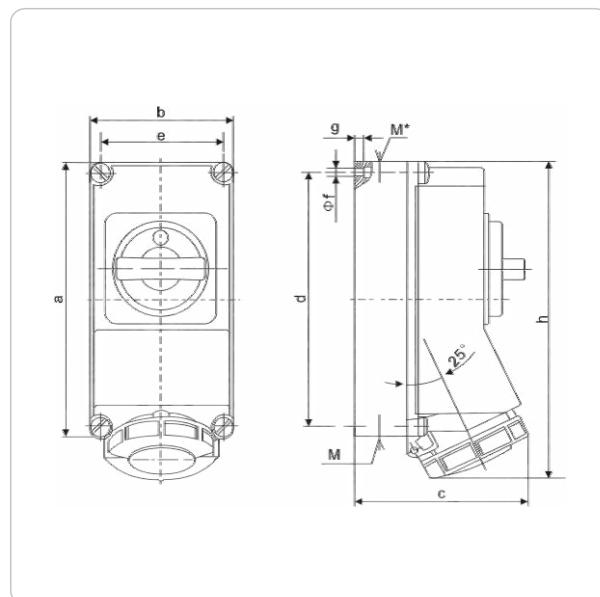
Size(mm)	Amp	16	Amp	16																	
	Poles	3 4 5	Poles	3 4 5																	
	a	170 170 170	M	25 25 25																	
	b	118 118 118	Conductor cross-sectional area (mm <sup>2</sup> ) Min. To Max																		
	c	136 139 143																			
	d	136 136 136	1.5-2.5																		
	e	104 104 104																			
	f	6.1 6.1 6.1																			
	g	2.5 2.5 2.5																			

**CEE/IEC**

EN/IEC 60309-2

**POWER N PACK - CEE/IEC International Standard Socket with Switches and Mechanical Interlock**

Conform to European / international standards EN/IEC 60309-2


**IP 67 CEE/IEC Socket with Switches and Mechanical Interlock 16A-125A**

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

**MODEL**

16	3	PI01S			PI09S			PI02S			PI03S			PI10S			PI04S			PI07S			PI11S			PI05S			1	1010
	4																												1	1032
	5																												1	1064
32	3																												1	1150
	4																												1	1180
	5																												1	1230
63	3																												1	2340
	4																												1	2366
	5																												1	2585
125	5																												1	7000

**Parameter**

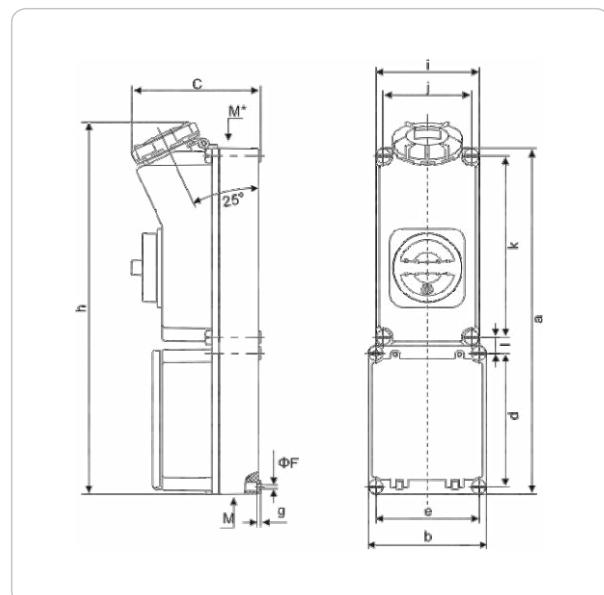
Size(mm)	Amp	16	Amp	16	Amp	32	Amp	32	Amp	63	Amp	63	Amp	125	Amp	125	Amp	125	Amp	125	Amp	125	Amp	125			
	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5			
a	225	225	225	M	2x25	2x25	2x25	a	225	225	225	M	2x25	2x25	2x25	a	262	262	262	M	2x40	2x40	2x40	a	501	M	1xM40+1xM50
b	118	118	118	M*	25/32	25/32	25/32	b	118	118	118	M*	25/32	25/32	25/32	b	162	162	162	M*	40	40	40	b	194	M*	1xM40+1xM50
c	144	146	147	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			c	152	152	153	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			c	196	196	196	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			c	213	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max				
d	208	208	208				d	208	208	208				d	240	240	240				d	159					
e	101	101	101	1.5-2.5			e	101	101	101	4-6			e	140	140	140	10-16			e	477	10-16				
f	6.3	6.3	6.3				f	6.3	6.3	6.3				f	8.1	8.1	8.1				f	170					
g	8	8	8				g	8	8	8				g	8	8	8				g	13.5					
h	252	255	259				h	268	268	274				h	300	300	300				h	548					

**CEE/IEC**

EN/IEC 60309-2

**POWER N PACK - CEE/IEC International Standard Socket With Duo Interlock And Din Standard Install Guide Rail**

Conform to European / international standards EN/IEC 60309-2


**IP 67 CEE/IEC DUO DIN Socket With Duo Interlock 16A-32A**

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

**MODEL**

16	3	PD01S			PD09S			PD02S												1	1010
	4																			1	1032
	5																			1	1064
32	3	PD03S			PD10S			PD04S												1	1150
	4																			1	1180
	5																			1	1230

**Parameter**

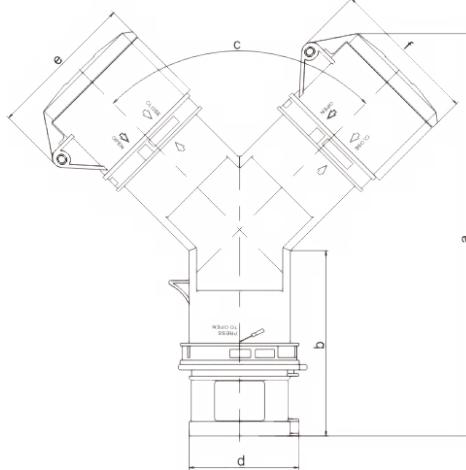
Size(mm)	Amp	16			Amp	16			Amp	32			Amp	32									
	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5							
	a	396.2	396.2	396.2	M*	2x25	2x25	2x25	a	396.2	396.2	396.2	M*	2x25	2x25	2x25							
	b	135	135	135	M	25/32	25/32	25/32	b	135	135	135	M	25/32	25/32	25/32							
	c	150	153	156	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			c	161	161	165	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max											
	d	153.1	153.1	153.1				d	153.1	153.1	153.1												
	e	118	118	118	1.5-2.5			e	118	118	118	4-6											
	f	6.3	6.3	6.3				f	6.3	6.3	6.3												
	g	7	7	7				g	7	7	7												
	h	425	427	429				h	438	438	443												
	i	118	118	118				i	118	118	118												
	j	101	101	101				j	101	101	101												
	k	208	208	208				k	208	208	208												
	l	18.1	18.1	18.1				l	18.1	18.1	18.1												

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK CEE/IEC International Standard Multi-Outlet Socket

Conform to European / international standards EN/IEC 60309-2



### IP 44 CEE/IEC Multi-Outlet Socket 16A-32A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

#### MODEL

16	3	PY41S																				
	4																					
	5				PY42S																	
32	3	PY43S																				
	4																					
	5				PY44S																	

#### Parameter

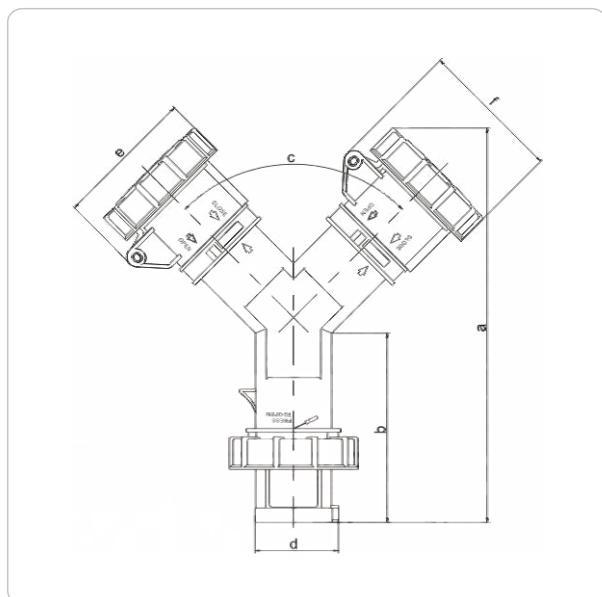
Size(mm)	Amp	16			Amp	16			Amp	32			Amp	32			
	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	
a	209.2	215.9	222.2						a	283.1	283.1	287.9					
b	105.4	103.4	102.2						b	124.3	124.3	141.1					
c	90	90	90						c	90	90	90					
d	46.8	53.4	60.5						d	63	63	69.5					
e	71.7	76.8	81.8						e	88.4	88.4	100					
f	71.7	76.8	81.8						f	88.4	88.4	100					

## CEE/IEC

EN/IEC 60309-2

## POWER N PACK CEE/IEC International Standard Multi-Outlet Socket

Conform to European / international standards EN/IEC 60309-2



## IP 67 CEE/IEC Multi-Outlet Socket 16A-32A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

### MODEL

16	3	PY01S																			
	4																				
	5																				
32	3	PY02S																			
	4																				
	5	PY03S																			
		PY04S																			

### Parameter

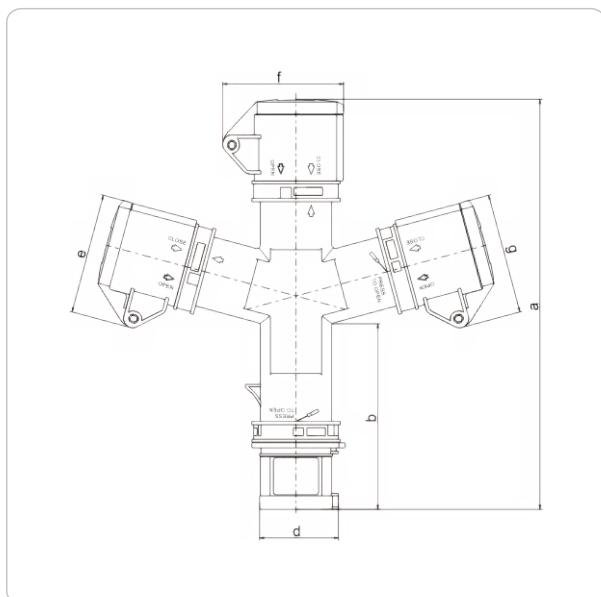
Size(mm)	Amp	16			Amp	16			Amp	32			Amp	32						
	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5				
	a	219.7	227.3	233.3	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			a	249.8	249.8	301.9	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max								
	b	105.4	103.4	102.2				b	124.3	124.3	141									
	c	90	90	90	1.5			c	90	90	90	2.5								
	d	46.8	53.4	60.5				d	63	63	69.5									
	e	79.2	85	90.3				e	96.5	96.5	108.5									
	f	79.2	85	90.3				f	96.5	96.5	108.5									

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK CEE/IEC International Standard Multi-Outlet Socket

Conform to European / international standards EN/IEC 60309-2



### IP 44 CEE/IEC Multi-Outlet Socket 16A-32A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

#### MODEL

16	3	PY41P																					
	4																						
	5				PY42P																		
32	3				PY43P																		
	4																						
	5				PY44P																		

#### Parameter

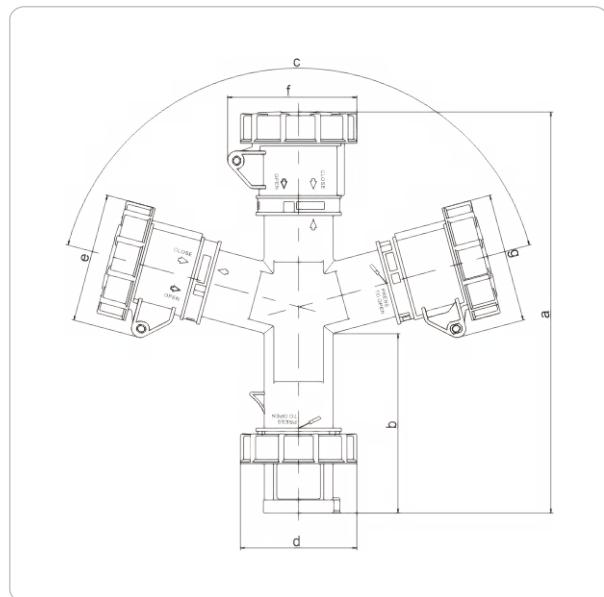
Size(mm)	Amp	16			Amp	16			Amp	32			Amp	32						
	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5				
	a	243.4	250.9	257.7	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			a	321.7	321.7	326.7	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max								
	b	110	107	106.3				b	144.4	144.4	142.1									
	c	150	150	150	1.5			c	150	150	150	2.5								
	d	46.8	53.4	60.5				d	63	63	69.5									
	e	71.8	77.2	82				e	88.6	88.6	100.2									
	f	71.8	77.2	82				f	88.6	88.6	100.2									
	g	71.8	77.2	82				g	88.6	88.6	100.2									

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK - CEE/IEC International Standard Multi-Outlet Socket

Conform to European / international standards EN/IEC 60309-2



### IP 67 CEE/IEC Multi-Outlet Socket 16A-32A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

### MODEL

16	3	PY05P			PY07P			PY08P															
	4																						
	5																						
32	3	PY09P			PY10P			PY06P															
	4																						
	5																						

### Parameter

Size(mm)	Amp	16			Amp	16			Amp	32			Amp	32				
	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5	Poles	3	4	5		
	a	246.2	255.2	257.7					a	323.1	323.1	329						
	b	110	107	106.3					b	144.4	144.4	142.1						
	c	150	150	150					c	150	150	150						
	d	71.5	79.5	87.5					d	93.5	93.5	101						
	e	79.2	85	90.3					e	96.5	96.5	108.5						
	f	79.2	85	90.3					f	96.5	96.5	108.5						
	g	79.2	85	90.3					g	96.5	96.5	108.5						

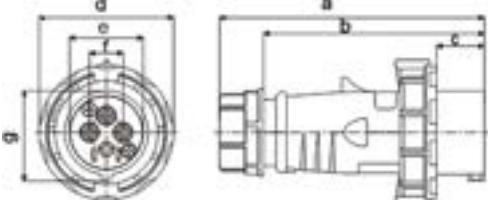
## CEE/IEC

EN/IEC 60309-2

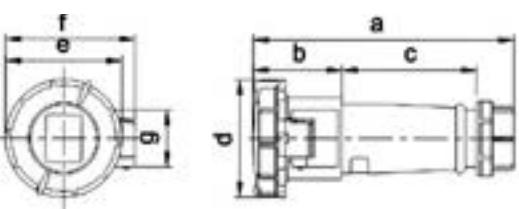
### POWER N PACK - CEE/IEC Industrial Plugs & Sockets for Reefer Container

Conform to European / international standards EN/IEC 60309-2

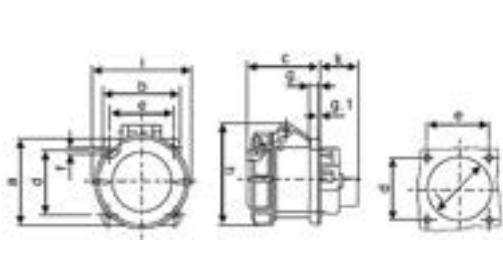
IP67 Reefer Container Straight Plug: 32 Amp, 4 Pin, 415V, 3h, Three Phase

		<table border="1"> <thead> <tr> <th>Earth Contact Position</th> <th>3h</th> </tr> </thead> <tbody> <tr> <td>Rated Current (A)</td> <td>32</td> </tr> <tr> <td>Poles</td> <td>4</td> </tr> <tr> <td>Dimension (mm)</td> <td> <table> <tr><td>a</td><td>170</td></tr> <tr><td>b</td><td>141</td></tr> <tr><td>c</td><td>32.5</td></tr> <tr><td>d</td><td>93.3</td></tr> <tr><td>e</td><td>51</td></tr> <tr><td>f</td><td>25</td></tr> <tr><td>g</td><td>62.2</td></tr> </table> </td> </tr> <tr> <td>Cable nominal cross-sectional area(mm<sup>2</sup>)</td> <td>2.5-10</td> </tr> </tbody> </table>	Earth Contact Position	3h	Rated Current (A)	32	Poles	4	Dimension (mm)	<table> <tr><td>a</td><td>170</td></tr> <tr><td>b</td><td>141</td></tr> <tr><td>c</td><td>32.5</td></tr> <tr><td>d</td><td>93.3</td></tr> <tr><td>e</td><td>51</td></tr> <tr><td>f</td><td>25</td></tr> <tr><td>g</td><td>62.2</td></tr> </table>	a	170	b	141	c	32.5	d	93.3	e	51	f	25	g	62.2	Cable nominal cross-sectional area(mm <sup>2</sup> )	2.5-10
Earth Contact Position	3h																									
Rated Current (A)	32																									
Poles	4																									
Dimension (mm)	<table> <tr><td>a</td><td>170</td></tr> <tr><td>b</td><td>141</td></tr> <tr><td>c</td><td>32.5</td></tr> <tr><td>d</td><td>93.3</td></tr> <tr><td>e</td><td>51</td></tr> <tr><td>f</td><td>25</td></tr> <tr><td>g</td><td>62.2</td></tr> </table>	a	170	b	141	c	32.5	d	93.3	e	51	f	25	g	62.2											
a	170																									
b	141																									
c	32.5																									
d	93.3																									
e	51																									
f	25																									
g	62.2																									
Cable nominal cross-sectional area(mm <sup>2</sup> )	2.5-10																									

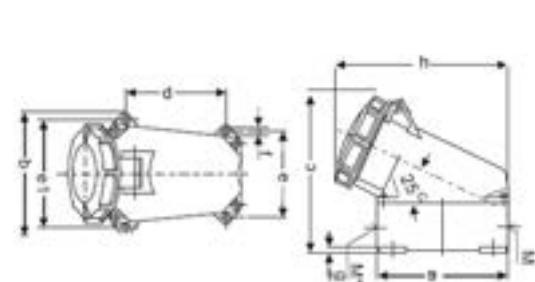
IP67 Reefer Container Coupler Socket: 32 Amp, 4 Pin, 415V, 3h, Three Phase

		<table border="1"> <thead> <tr> <th>Earth Contact Position</th> <th>3h</th> </tr> </thead> <tbody> <tr> <td>Rated Current (A)</td> <td>32</td> </tr> <tr> <td>Poles</td> <td>4</td> </tr> <tr> <td>Dimension (mm)</td> <td> <table> <tr><td>a</td><td>203</td></tr> <tr><td>b</td><td>67.5</td></tr> <tr><td>c</td><td>135.7</td></tr> <tr><td>d</td><td>64.2</td></tr> <tr><td>e</td><td>95.5</td></tr> <tr><td>f</td><td>98.3</td></tr> <tr><td>g</td><td>37</td></tr> </table> </td> </tr> <tr> <td>Cable nominal cross-sectional area(mm<sup>2</sup>)</td> <td>2.5-10</td> </tr> </tbody> </table>	Earth Contact Position	3h	Rated Current (A)	32	Poles	4	Dimension (mm)	<table> <tr><td>a</td><td>203</td></tr> <tr><td>b</td><td>67.5</td></tr> <tr><td>c</td><td>135.7</td></tr> <tr><td>d</td><td>64.2</td></tr> <tr><td>e</td><td>95.5</td></tr> <tr><td>f</td><td>98.3</td></tr> <tr><td>g</td><td>37</td></tr> </table>	a	203	b	67.5	c	135.7	d	64.2	e	95.5	f	98.3	g	37	Cable nominal cross-sectional area(mm <sup>2</sup> )	2.5-10
Earth Contact Position	3h																									
Rated Current (A)	32																									
Poles	4																									
Dimension (mm)	<table> <tr><td>a</td><td>203</td></tr> <tr><td>b</td><td>67.5</td></tr> <tr><td>c</td><td>135.7</td></tr> <tr><td>d</td><td>64.2</td></tr> <tr><td>e</td><td>95.5</td></tr> <tr><td>f</td><td>98.3</td></tr> <tr><td>g</td><td>37</td></tr> </table>	a	203	b	67.5	c	135.7	d	64.2	e	95.5	f	98.3	g	37											
a	203																									
b	67.5																									
c	135.7																									
d	64.2																									
e	95.5																									
f	98.3																									
g	37																									
Cable nominal cross-sectional area(mm <sup>2</sup> )	2.5-10																									

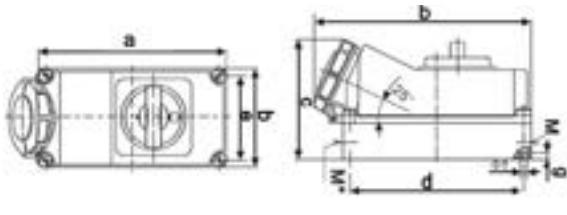
IP67 Reefer Container Panel Socket: 32 Amp, 4 Pin, 415V, 3h, Three Phase

		<table border="1"> <thead> <tr> <th>Earth Contact Position</th> <th>3h</th> </tr> </thead> <tbody> <tr> <td>Rated Current (A)</td> <td>32</td> </tr> <tr> <td>Poles</td> <td>4</td> </tr> <tr> <td>Dimension (mm)</td> <td> <table> <tr><td>a</td><td>85</td></tr> <tr><td>b</td><td>75</td></tr> <tr><td>c</td><td>70</td></tr> <tr><td>d</td><td>60</td></tr> <tr><td>e</td><td>60</td></tr> <tr><td>f</td><td>5.5</td></tr> <tr><td>g.</td><td>8</td></tr> <tr><td>g.1</td><td>2</td></tr> <tr><td>h</td><td>99</td></tr> <tr><td>h1</td><td>103</td></tr> <tr><td>k</td><td>34</td></tr> <tr><td>l</td><td>62</td></tr> </table> </td> </tr> <tr> <td>Cable nominal cross-sectional area(mm<sup>2</sup>)</td> <td>2.5-10</td> </tr> </tbody> </table>	Earth Contact Position	3h	Rated Current (A)	32	Poles	4	Dimension (mm)	<table> <tr><td>a</td><td>85</td></tr> <tr><td>b</td><td>75</td></tr> <tr><td>c</td><td>70</td></tr> <tr><td>d</td><td>60</td></tr> <tr><td>e</td><td>60</td></tr> <tr><td>f</td><td>5.5</td></tr> <tr><td>g.</td><td>8</td></tr> <tr><td>g.1</td><td>2</td></tr> <tr><td>h</td><td>99</td></tr> <tr><td>h1</td><td>103</td></tr> <tr><td>k</td><td>34</td></tr> <tr><td>l</td><td>62</td></tr> </table>	a	85	b	75	c	70	d	60	e	60	f	5.5	g.	8	g.1	2	h	99	h1	103	k	34	l	62	Cable nominal cross-sectional area(mm <sup>2</sup> )	2.5-10
Earth Contact Position	3h																																			
Rated Current (A)	32																																			
Poles	4																																			
Dimension (mm)	<table> <tr><td>a</td><td>85</td></tr> <tr><td>b</td><td>75</td></tr> <tr><td>c</td><td>70</td></tr> <tr><td>d</td><td>60</td></tr> <tr><td>e</td><td>60</td></tr> <tr><td>f</td><td>5.5</td></tr> <tr><td>g.</td><td>8</td></tr> <tr><td>g.1</td><td>2</td></tr> <tr><td>h</td><td>99</td></tr> <tr><td>h1</td><td>103</td></tr> <tr><td>k</td><td>34</td></tr> <tr><td>l</td><td>62</td></tr> </table>	a	85	b	75	c	70	d	60	e	60	f	5.5	g.	8	g.1	2	h	99	h1	103	k	34	l	62											
a	85																																			
b	75																																			
c	70																																			
d	60																																			
e	60																																			
f	5.5																																			
g.	8																																			
g.1	2																																			
h	99																																			
h1	103																																			
k	34																																			
l	62																																			
Cable nominal cross-sectional area(mm <sup>2</sup> )	2.5-10																																			

IP67 Reefer Container Wall Socket: 32 Amp, 4 Pin, 415V, 3h, Three Phase

		<table border="1"> <thead> <tr> <th>Earth Contact Position</th> <th>3h</th> </tr> </thead> <tbody> <tr> <td>Rated Current (A)</td> <td>32</td> </tr> <tr> <td>Poles</td> <td>4</td> </tr> <tr> <td>Dimension (mm)</td> <td> <table> <tr><td>a</td><td>120</td></tr> <tr><td>b</td><td>112</td></tr> <tr><td>c</td><td>143</td></tr> <tr><td>d</td><td>90.2</td></tr> <tr><td>e</td><td>79</td></tr> <tr><td>e1</td><td>98.5</td></tr> <tr><td>f</td><td>5.5</td></tr> <tr><td>g.</td><td>5</td></tr> <tr><td>h</td><td>160</td></tr> <tr><td>M</td><td>32</td></tr> </table> </td> </tr> <tr> <td>M*</td> <td>1Pcs M32 Blind cable entry Can Cut</td> </tr> <tr> <td>Cable nominal cross-sectional area(mm<sup>2</sup>)</td> <td>4-6</td> </tr> </tbody> </table>	Earth Contact Position	3h	Rated Current (A)	32	Poles	4	Dimension (mm)	<table> <tr><td>a</td><td>120</td></tr> <tr><td>b</td><td>112</td></tr> <tr><td>c</td><td>143</td></tr> <tr><td>d</td><td>90.2</td></tr> <tr><td>e</td><td>79</td></tr> <tr><td>e1</td><td>98.5</td></tr> <tr><td>f</td><td>5.5</td></tr> <tr><td>g.</td><td>5</td></tr> <tr><td>h</td><td>160</td></tr> <tr><td>M</td><td>32</td></tr> </table>	a	120	b	112	c	143	d	90.2	e	79	e1	98.5	f	5.5	g.	5	h	160	M	32	M*	1Pcs M32 Blind cable entry Can Cut	Cable nominal cross-sectional area(mm <sup>2</sup> )	4-6
Earth Contact Position	3h																																	
Rated Current (A)	32																																	
Poles	4																																	
Dimension (mm)	<table> <tr><td>a</td><td>120</td></tr> <tr><td>b</td><td>112</td></tr> <tr><td>c</td><td>143</td></tr> <tr><td>d</td><td>90.2</td></tr> <tr><td>e</td><td>79</td></tr> <tr><td>e1</td><td>98.5</td></tr> <tr><td>f</td><td>5.5</td></tr> <tr><td>g.</td><td>5</td></tr> <tr><td>h</td><td>160</td></tr> <tr><td>M</td><td>32</td></tr> </table>	a	120	b	112	c	143	d	90.2	e	79	e1	98.5	f	5.5	g.	5	h	160	M	32													
a	120																																	
b	112																																	
c	143																																	
d	90.2																																	
e	79																																	
e1	98.5																																	
f	5.5																																	
g.	5																																	
h	160																																	
M	32																																	
M*	1Pcs M32 Blind cable entry Can Cut																																	
Cable nominal cross-sectional area(mm <sup>2</sup> )	4-6																																	

IP67 Reefer Container Interlocked Socket: 32 Amp, 4 Pin, 415V, 3h, Three Phase

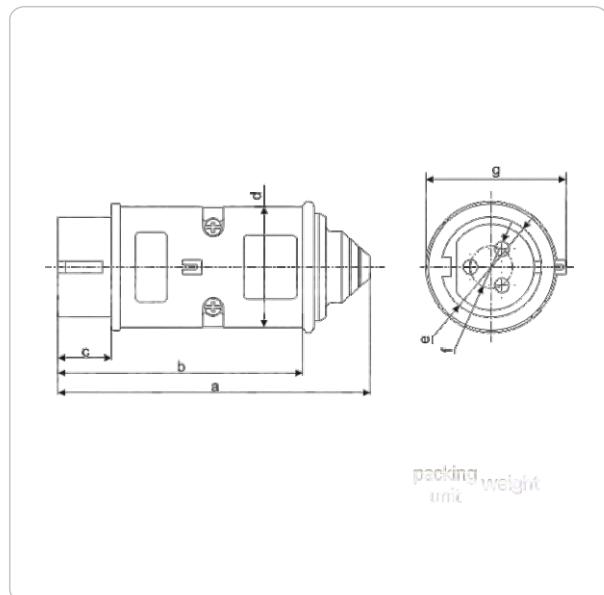
		<table border="1"> <thead> <tr> <th>Earth Contact Position</th> <th>3h</th> </tr> </thead> <tbody> <tr> <td>Rated Current (A)</td> <td>32</td> </tr> <tr> <td>Poles</td> <td>4</td> </tr> <tr> <td>Dimension (mm)</td> <td> <table> <tr><td>a</td><td>225</td></tr> <tr><td>b</td><td>118</td></tr> <tr><td>c</td><td>152</td></tr> <tr><td>d</td><td>208</td></tr> <tr><td>e</td><td>101</td></tr> <tr><td>f</td><td>6.3</td></tr> <tr><td>g</td><td>8</td></tr> <tr><td>h</td><td>268</td></tr> <tr><td>M</td><td>2x32</td></tr> <tr><td>M*</td><td>2x25</td></tr> </table> </td> </tr> <tr> <td>Max cable diameter(mm)</td> <td>25</td> </tr> <tr> <td>Cable nominal cross-sectional area(mm<sup>2</sup>)</td> <td>2.5-10</td> </tr> </tbody> </table>	Earth Contact Position	3h	Rated Current (A)	32	Poles	4	Dimension (mm)	<table> <tr><td>a</td><td>225</td></tr> <tr><td>b</td><td>118</td></tr> <tr><td>c</td><td>152</td></tr> <tr><td>d</td><td>208</td></tr> <tr><td>e</td><td>101</td></tr> <tr><td>f</td><td>6.3</td></tr> <tr><td>g</td><td>8</td></tr> <tr><td>h</td><td>268</td></tr> <tr><td>M</td><td>2x32</td></tr> <tr><td>M*</td><td>2x25</td></tr> </table>	a	225	b	118	c	152	d	208	e	101	f	6.3	g	8	h	268	M	2x32	M*	2x25	Max cable diameter(mm)	25	Cable nominal cross-sectional area(mm <sup>2</sup> )	2.5-10
Earth Contact Position	3h																																	
Rated Current (A)	32																																	
Poles	4																																	
Dimension (mm)	<table> <tr><td>a</td><td>225</td></tr> <tr><td>b</td><td>118</td></tr> <tr><td>c</td><td>152</td></tr> <tr><td>d</td><td>208</td></tr> <tr><td>e</td><td>101</td></tr> <tr><td>f</td><td>6.3</td></tr> <tr><td>g</td><td>8</td></tr> <tr><td>h</td><td>268</td></tr> <tr><td>M</td><td>2x32</td></tr> <tr><td>M*</td><td>2x25</td></tr> </table>	a	225	b	118	c	152	d	208	e	101	f	6.3	g	8	h	268	M	2x32	M*	2x25													
a	225																																	
b	118																																	
c	152																																	
d	208																																	
e	101																																	
f	6.3																																	
g	8																																	
h	268																																	
M	2x32																																	
M*	2x25																																	
Max cable diameter(mm)	25																																	
Cable nominal cross-sectional area(mm <sup>2</sup> )	2.5-10																																	

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK CEE/IEC International Standard Low Voltage Plug

Conform to European / international standards EN/IEC 60309-2



IP 44 CEE/IEC Low Voltage Plug 16A-32A

Color	Poles	20-25V 50a.60Hz	40-50V 50a.60Hz	20-25V 40-50V 100-200Hz	20-25V 40-50V 300Hz	20-25V 40-50V 400Hz	20-25V 40-50V 400-500Hz	Packing Unit	Weight
		12h	12h	4h	2h	3h	11h	Pcs	g/Pc

#### MODEL

16	2	PL04P	PL05P					10	140
	3	PL01P	PL02P					10	154
32	2	PL03P	PL06P					10	147
	3	PL07P	PL08P					10	156

#### Parameter

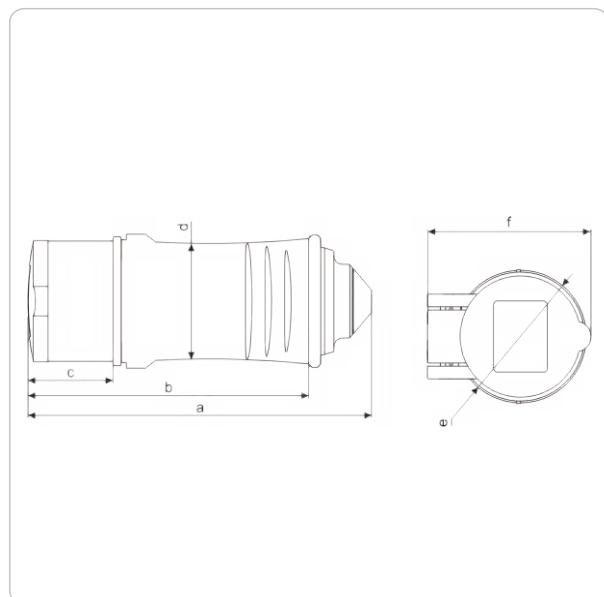
Size(mm)	Amp	16		Amp	16		Amp	32		Amp	32	
	Poles	2	3	Poles	2	3	Poles	2	3	Poles	2	3
a	130	130		Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max		a	130	130	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			
b	102	102				b	102	102				
c	22.3	22.3		1.5-2.5		c	22.3	22.3	4-6			
d	50	50				d	50	50				
e	41.5	41.5				e	41.5	41.5				
f	17.5	17.5				f	17.5	17.5				
g	58.2	58.2				g	58.2	58.2				

## CEE/IEC

EN/IEC 60309-2

## POWER N PACK CEE/IEC International Standard Low Voltage Connector

Conform to European / international standards EN/IEC 60309-2



## IP 44 CEE/IEC Low Voltage Connector 16A-32A

Color	Poles	20-25V 50a.60Hz	40-50V 50a.60Hz	20-25V 40-50V 100-200Hz	20-25V 40-50V 300Hz	20-25V 40-50V 400Hz	20-25V 40-50V 400-500Hz	Packing Unit	Weight
		12h	12h	4h	2h	3h	11h	Pcs	g/Pc

### MODEL

16	2	PL04C	PL05C					10	171
	3	PL01C	PL02C					10	182
32	2	PL03C	PL06C					10	190
	3	PL07C	PL08C					10	203

### Parameter

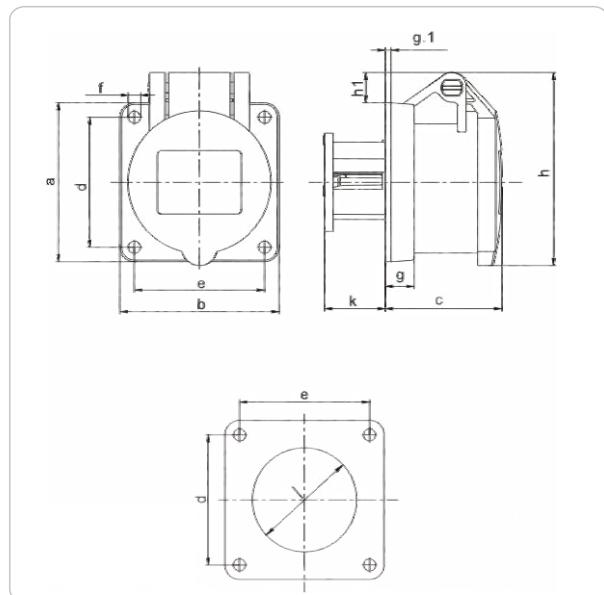
Size(mm)	Amp	16		Amp	16		Amp	32		Amp	32		
	Poles	2	3	Poles	2	3	Poles	2	3	Poles	2	3	
a	140.6	140.6			a	140.6	140.6						
b	114.8	114.8			b	114.8	114.8						
c	34.9	34.9			c	34.9	34.9			4-6			
d	47	47			d	47	47						
e	54	54			e	54	54						
f	66.8	66.8			f	66.8	66.8						

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK CEE/IEC International Standard Low Voltage Socket

Conform to European / international standards EN/IEC 60309-2



### IP 44 CEE/IEC Low Voltage Socket 16A-32A

Color	Poles	20-25V 50a.60Hz	40-50V 50a.60Hz	20-25V 40-50V 100-200Hz	20-25V 40-50V 300Hz	20-25V 40-50V 400Hz	20-25V 40-50V 400-500Hz	Packing Unit	Weight
		12h	12h	4h	2h	3h	11h	Pcs	g/Pc

#### MODEL

16	2	PL04S	PL05S					20	110
	3	PL01S	PL02S					20	132
32	2	PL03S	PL06S					20	106
	3	PL07S	PL08S					20	130

#### Parameter

Size(mm)	Amp	16		Amp	16		Amp	32		Amp	32	
		Poles	2		Poles	2		Poles	2		Poles	2
a	55	55	h	67	67	a	55	55	h	67	67	
b	55	55	k	22	22	b	55	55	k	22	22	
c	44	44	l	34	34	c	44	44	l	34	34	
d	45	45	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			d	45	45	Conductor cross-sectional area (mm <sup>2</sup> )Min. To Max			
e	45	45				e	45	45				
f	4.2	4.2	1.5-2.5			f	4.2	4.2	4-6			
g	8	8				g	8	8				
g.1	2	2				g.1	2	2				

CEE/IEC

EN/IEC 60309-2

POWER N PACK CEE/IEC International Standard Low Voltage Plug, Coupler & Socket

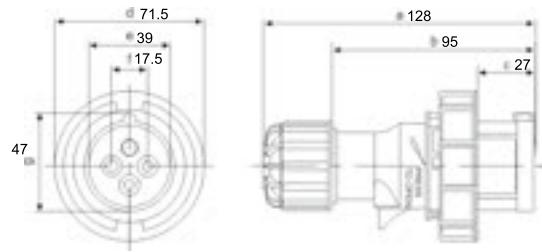
Conform to European / international standards EN/IEC 60309-2

### Straight Plug



PL11P

IP 67, 16 Amp, 3 Pin, 110V, 4h

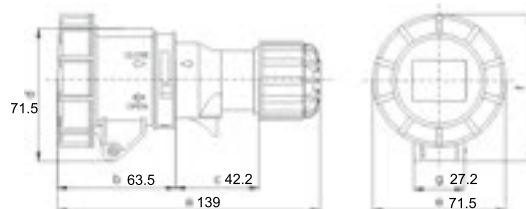


### Coupler Socket



PL11C

IP 67, 16 Amp, 3 Pin, 110V, 4h

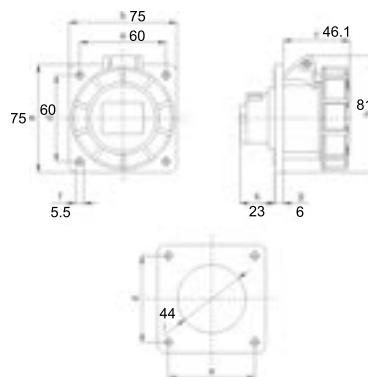


### Panel Socket



PL11S

IP 67, 16 Amp, 3 Pin, 110V, 4h



## CEE/IEC

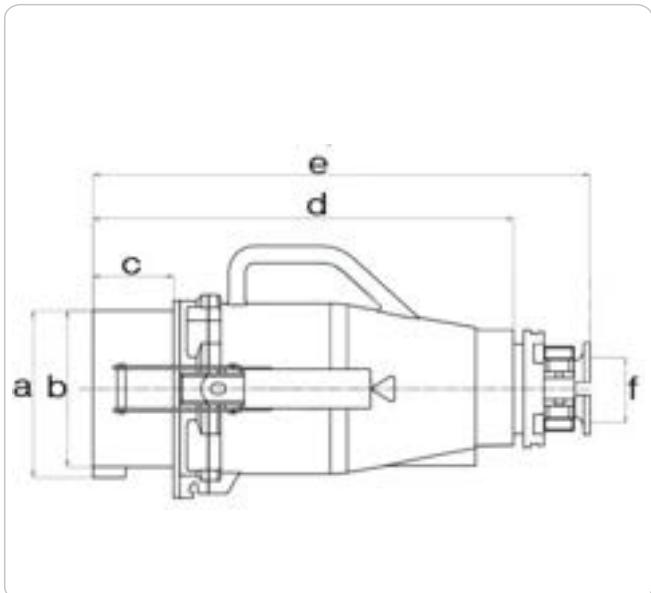
EN/IEC 60309-2

### POWER N PACK CEE/IEC International Standard Large Amp Plug

Conform to European / international standards EN/IEC 60309-2



**Plug**



IP 67 CEE/IEC Large Amp Plug 160A-400A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

#### MODEL

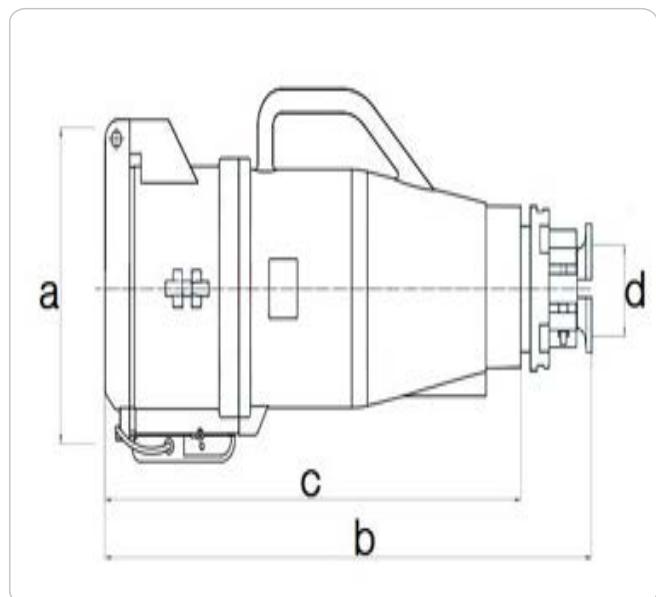
160	4			PP1604P																	1
	5			PP1605P																	1
200	4			PP2004P																	1
	5			PP2005P																	1
250	4			PP2504P																	1
	5			PP2505P																	1
300	4			PP3004P																	1
	5			PP3005P																	1
350	4			PP3504P																	1
	5			PP3505P																	1
400	4			PP4004P																	1
	5			PP4005P																	1

## CEE/IEC

EN/IEC 60309-2

### POWER N PACK CEE/IEC International Standard Large Amp Connector

Conform to European / international standards EN/IEC 60309-2



IP 67 CEE/IEC Large Amp Connector 160A-400A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

#### MODEL

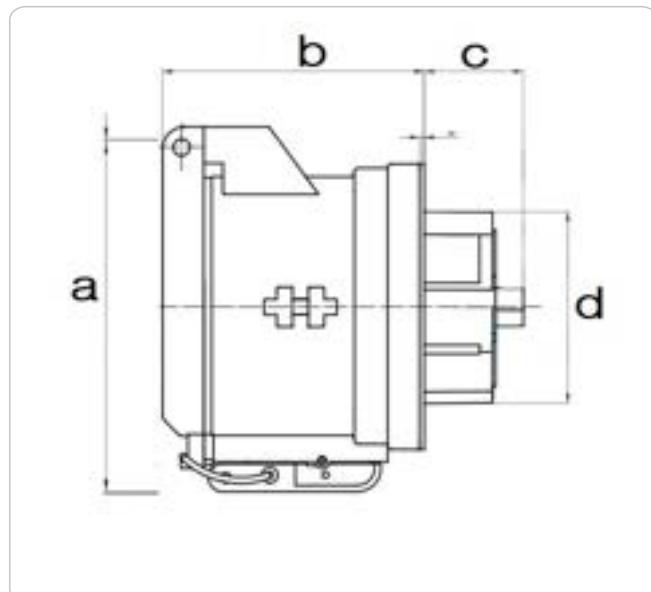
160	4			PP1604C																	1
	5			PP1605C																	1
200	4			PP2004C																	1
	5			PP2005C																	1
250	4			PP2504C																	1
	5			PP2505C																	1
300	4			PP3004C																	1
	5			PP3005C																	1
350	4			PP3504C																	1
	5			PP3505C																	1
400	4			PP4004C																	1
	5			PP4005C																	1

CEE/IEC

EN/IEC 60309-2

### POWER N PACK CEE/IEC International Standard Large Amp Socket

Conform to European / international standards EN/IEC 60309-2



IP 67 CEE/IEC Large Amp Socket 160A-400A

Current	Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
		3Pole 4h	4Pole 4h	5Pole 4h	3Pole 6h	4Pole 9h	5Pole 9h	3Pole 9h	4Pole 6h	5Pole 6h	3Pole 7h	4Pole 7h	5Pole 7h	3Pole 10h	4Pole 10h	5Pole 10h	3Pole 2h	4Pole 2h	5Pole 2h		

#### MODEL

160	4			PP1604S																	1
	5			PP1605S																	1
200	4			PP2004S																	1
	5			PP2005S																	1
250	4			PP2504S																	1
	5			PP2505S																	1
300	4			PP3004S																	1
	5			PP3005S																	1
350	4			PP3504S																	1
	5			PP3505S																	1
400	4			PP4004S																	1
	5			PP4005S																	1

CEE/IEC

EN/IEC 60309-2

POWER N PACK - CEE/IEC International Standard Stage Plug & Connector

Conform to European / international standards EN/IEC 60309-2

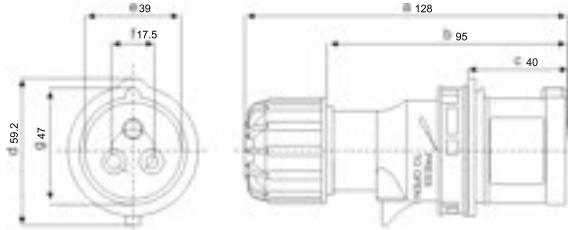
**PLUG AND CONNECTOR FOR STAGE & ENTERTAINMENT INDUSTRY**

**Straight Plug**



**PB01P**

**16 Amp x 3 Pin**

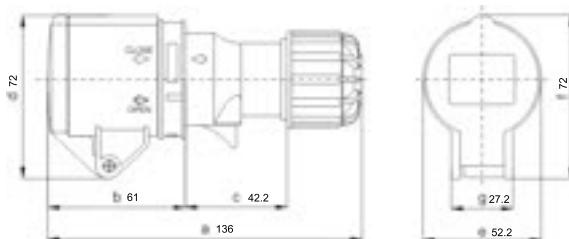


**Coupler Socket**



**PB01S**

**16 Amp x 3 Pin**



### CEE/IEC SCHUKO

EN/IEC 60309-2

POWER N PACK CEE/IEC International Standard SCHUKO Plug, Coupler, Socket

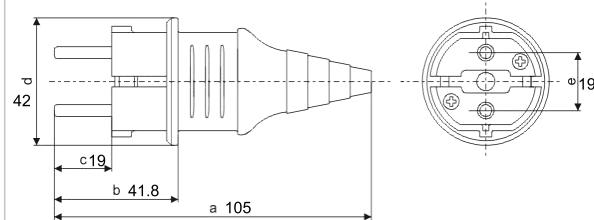
Conform to Germany/French/Belgium Standard

Plug



PSB0P

16 Amp x 2 Pin

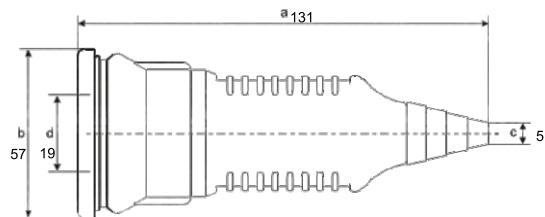


Connector



PSB0S

16 Amp x 2 Pin

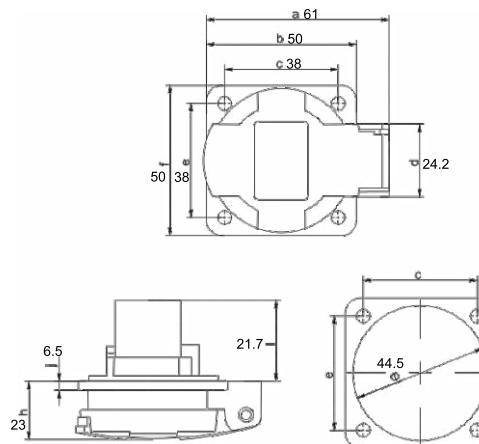


Socket



PSB0M

16 Amp x 2 Pin



### CEE/IEC

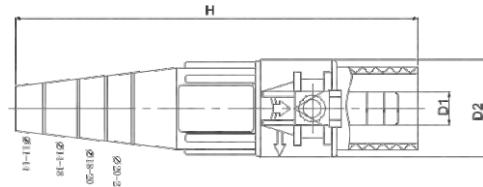
POWER N PACK CEE/IEC International Standard Cam-Lock Plug, Connector & Socket  
Conform to European/international standards

Cable Plug



PP200P / PP400P

Amp	200	400
D1	13.5	17.5
D2	33	43
H	136	185

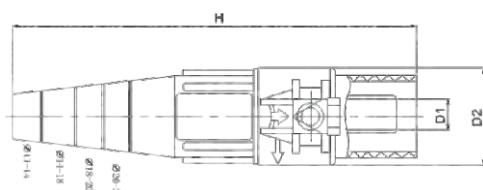


Cable Connector



PP200C / PP400C

Amp	200	400
D1	13.5	17.5
D2	33	43
H	136	185

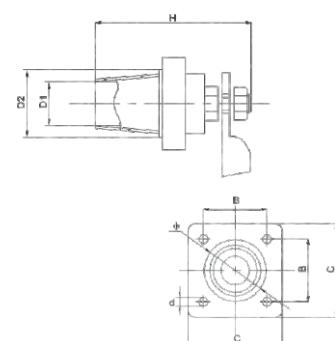


Panel Connector



PM200C / PM400C

Amp	200	400
D1	13.5	17.5
D2	28	38
H	70	95
B	29	38
C	50	59
d	4.4	4.4
Q	40	40

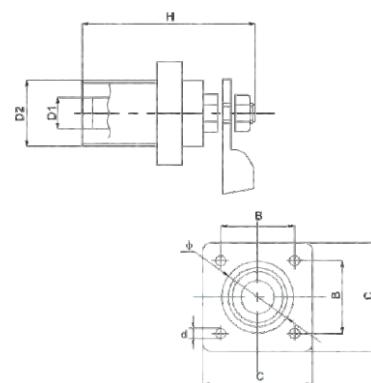


Panel Plug



PM200P / PM400P

Amp	200	400
D1	13.5	17.5
D2	28	38
H	70	95
B	29	38
C	50	59
d	4.4	4.4
Q	40	40



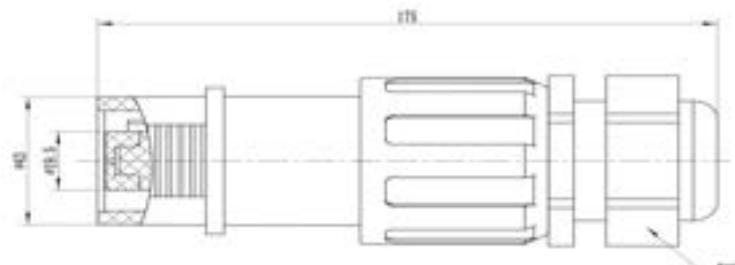
CEE/IEC

POWER N PACK CEE/IEC International European Standard Cam-Lock Plug, Connector & Socket  
Conform to European/international standards

Cable Plug



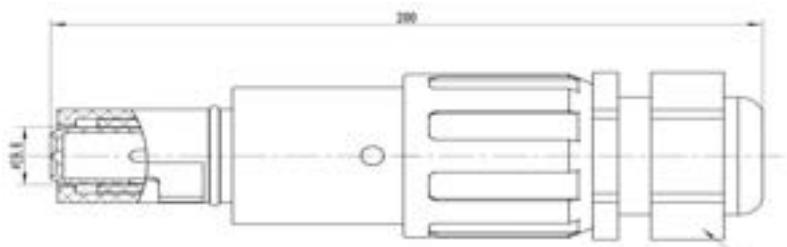
PE400P



Cable Connector



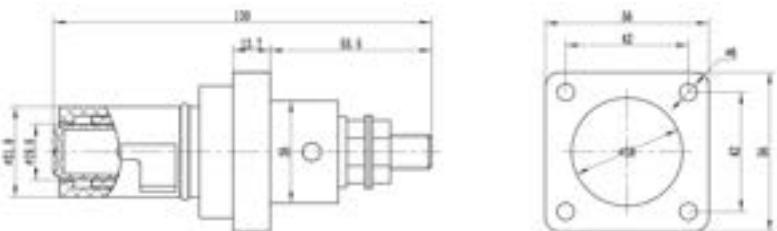
PE400C



Panel Connector



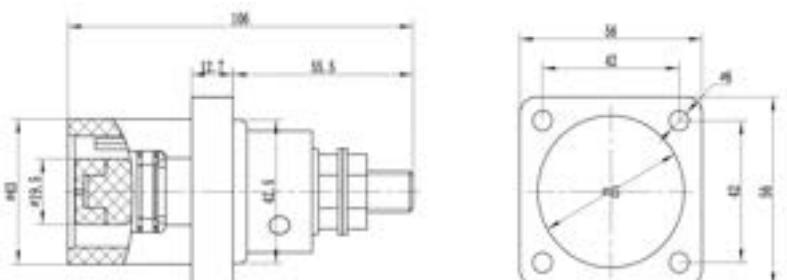
PE400S



Panel Plug



PE400R



## POWER N PACK Transparent Protective Window Cover



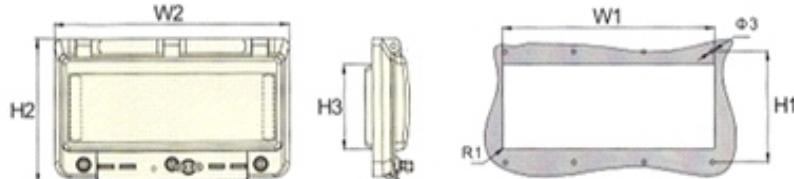
For water, dust, corrosion and other special occasions

STANDARD:IEC60529 EN60309

PROTECTION DEGREE:IP67

PRODUCT SPECIFICATIONS:2P , 4P , 6P , 8P , 10P, 12P

DIMENSION



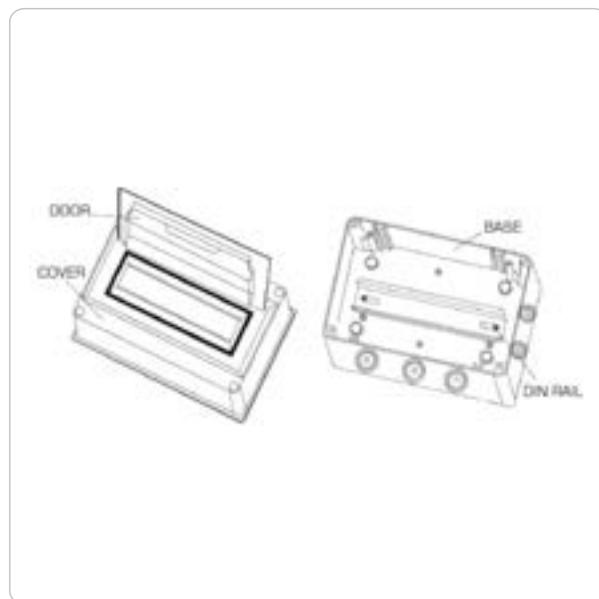
Model	Dimension (mm)	Installation Size (mm)				
Power N Pack	W x H x D	W1	W2	H1	H2 H3	
PTW2	49.4 x 78.4 x 30	40	57	75	99	55
PTW4	91.5 x 93.2 x 31	75	92	76	97	58
PTW6	127 x 95 x 31	112	128	76	99	58
PTW8	163 x 95 x 31	148	164	76	98	58
PTW10	199 x 95 x 31	184	200	76	98	58
PTW12	235 x 98 x 31	220	236	76	109	64

**CEE/IEC**

EN/IEC 60439-3

**POWER N PACK IP65/66 Waterproof MCB Box**

Conform to European / International standards EN/IEC 60439-3


**Technical Specifications**

Standard : IEC60439-3	Color of base : Gray
Approval: CE, RoHS,ISO9001	The color of door: Transparent
Modules (No.): 2;5;8; 12;15;18;24	Mounting type: Surface Protection grade: IP 65

Material :box shell: ABS: Door:PC: Zero Bar/earth bar: copper
Fire resistance: 650 °C / 30s
Ambient temperature (°C). - 5 ~ + 40,50% humidity permitted under max + 40°C
Storage temperature (°C) : - 40_+ 75

**IP65/66 Waterproof MCB Box**

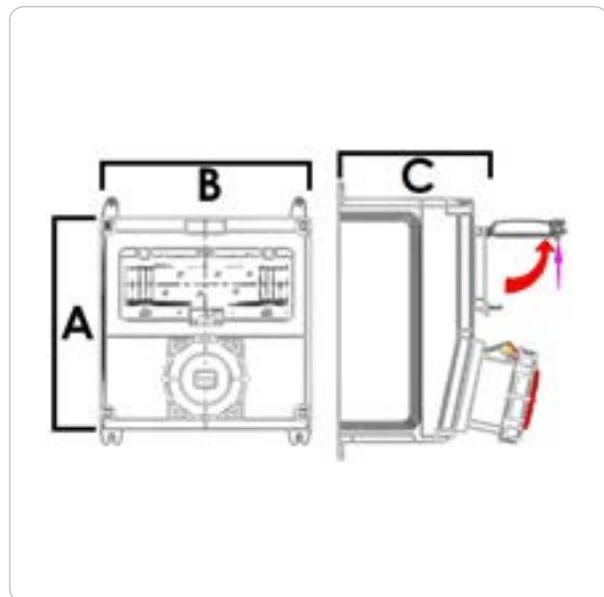
MODEL	Din Rail (mm)	Terminal Bar	L x W x H (mm)
PMB2	45	-	120 x 55 x 90
PMB5	105	3+3	119 x 159 x 90
PMB8	175	4+5	201 x 155 x 90
PMB12	230	8+5	255 x 198 x 108
PMB15	290	8+6	309 x 198 x 108
PMB18	320	8+8	363 x 198 x 100
PMB24	230*2	(8+5)*2	360 x 280 x 108

CEE/IEC

EN/IEC 60309-2

POWER N PACK - CEE/IEC International Standard Combination Box with Socket

Conform to European / international standards EN/IEC 60309-2



IP 67 CEE/IEC Combination Box 16A-125A

Current Poles	110V 50a.60Hz			230V 50a.60Hz			400V 50a.60Hz			500V 50a.60Hz			>50-500V 100-300Hz			>50-500V a.300-500Hz			Packing Unit	Weight
	3Pole	4Pole	5Pole	3Pole	4Pole	5Pole	3Pole	4Pole	5Pole	Pcs	g/Pc									
4h	4h	4h	6h	9h	9h	9h	6h	6h	6h	7h	7h	7h	10h	10h	10h	2h	2h	2h		

MODEL

			PV01S						10	151
16	3			PV09S					10	203
	4			PV02S					10	237
	5								10	281
32	3		PV03S						10	291
	4			PV10S					10	334
	5			PV04S					5	520
63	3		PV07S						5	607
	4			PV11S					5	668
	5			PV05S					5	840
125	3		PV08S						5	940
	4			PV12S					5	1171
	5			PV06S					5	

## Parameter

## Power Distribution Box ( Panel )



PDB01



PDB02



PDB03



PDE06



PDE08



PDE12



FL-001



FL-002



FL-003



COM2



PEC01



COM5



Above: QR-code is linked to our web site [www.power-pack.in](http://www.power-pack.in)  
You will have to download a QR-code reader app to your phone in order to use it.

- 📞 022- 4003 5050 / 2500 5454 / 2500 5656
- 📱 +91 98338 34678
- 📱 +91 86551 14429
- 📱 +91 93240 69263
- ✉️ sales@power-pack.in
- 🌐 [www.power-pack.in](http://www.power-pack.in)
- 📍 Office No. B-12, Sidhpura Industrial Estate,  
Off L.B.S. Marg, Near R City Mall, Ghatkopar (W),  
Mumbai - 400 086, Maharashtra, India.

POWER N PACK Technology All Rights Reserved

This catalogue is printed by POWER N PACK Technology, it is only used to describe the related information of the enterprise series of products.  
This manual is only a compilation of some POWER N PACK Technology representative product information. Some of the data of POWER N PACK Technology are changing, upgrading or use newer production techniques to improve the content of this manual, necessary improve or changes of the typographical errors in this manual for the relevant data and information will be without notice. If any inconvenience caused, please contact advisory.