



SHENZHEN AVIACONN PRECISION TECHNOLOGY CO. LTD

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Industrial-grade waterproof connector





Shenzhen Anknor Technology Co., Ltd. (ANKNOR) is a wholly-owned subsidiary of MOFLON, a global manufacturer of high-end precision rotary connectors. ANKNOR focuses on the research, development, production, and sales of high-precision connector products, committed to providing customized and highly reliable connection solutions for global customers.

MOFLON, with its factory located in Shajing, Shenzhen, employs over 500 people and has an annual sales revenue exceeding 300 million RMB. With a 20,000 square meter high-tech factory, MOFLON is dedicated to high-end manufacturing, driving industry development with high-quality products. Its products are widely exported to developed countries in Europe, America, and Japan, and have entered the European and American aerospace and military industries. MOFLON has established long-term and friendly cooperative relationships with many internationally renowned brands. Over 60% of its products are customized, widely used in robotics, CCTV camera systems, packaging machinery, medical instruments, and automation systems. The company has also obtained ISO 9001, UL, CE, and other relevant certifications.

Leveraging the strong resources of its parent company, ANKNOR can undertake highly demanding and complex special customization needs, continuing the parent company's advantage of over 60% customized product sales. Its products include standard and customized high-precision conductive slip rings and standard and customized industrial connectors, possessing characteristics such as high precision, high stability, and strong adaptability, with performance comparable to international advanced levels.

ANKNOR's products are applied in various high-end fields, including aerospace, marine, military, robotics, automotive, medical instruments, intelligent manufacturing, automation systems, weaponry, railways, oil exploration, wind power generation, and agricultural informatization.

In the future, ANKNOR will use its parent company's technological expertise as a solid foundation, with innovation as its core driving force, to build a benchmark brand in its niche market, creating more valuable connection solutions for global customers and jointly exploring new opportunities in the industry

Office environment



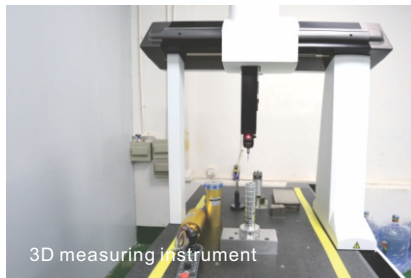
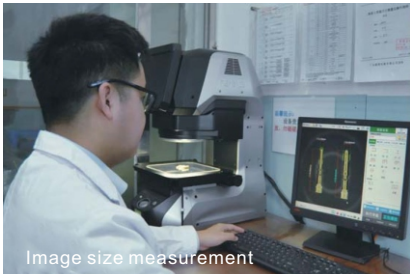
PRECISE

Precise Production Control, High Quality and Efficiency



QUALITY

Rigorous testing ensures product quality





HONOR

Honors and Qualifications



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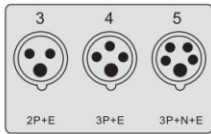
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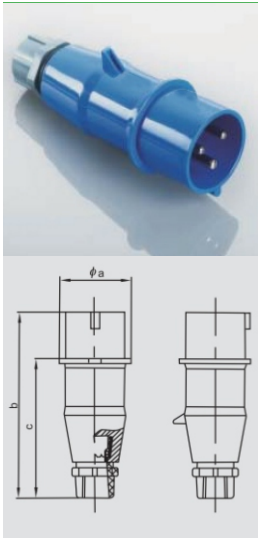




3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole
4h 4h 4h 6h 9h 9h 9h 6h 6h 7h 7h 7h 10h 10h 10h 2h 2h 2h

Plug IP44、IP67 CEE/IEC 60309-1 60309-2
GB/T11918.1 GB/T11918.2

Amp. Poles TYP ■ ■ ■ ■ ■ ■ pcs/package g/pcs

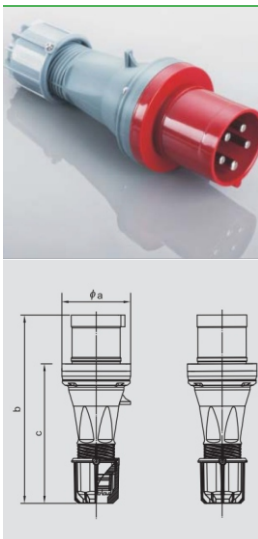


16	3	2314	231	2319	2317	2310	2310	10	135
	4	2334	2339	233	2337	2330	2330	10	150
	5	2354	2359	235	2357	2350	2350	10	185
32	3	2814	281	281900	2817	2810	2810	10	230
	4	2834	2839	283	2837	2830	2830	10	250
	5	2854	2859	285	2857	2850	2850	10	285

Amp.	16			32		
poles	3	4	5	3	4	5
a	51	58	64	66	66	73
b	142	145	146	182	182	182
c	105	108	109	136	136	136
Min wire size (mm)	1.5	1.5	1.5	2.5	2.5	2.5
Max wire size (mm)	4	4	4	10	10	10
Cable outer diameter range (mm)	10~13	10~13	10~13	13~19	13~19	13~19

Plug
 • Clamping cable fix
 • Ip44 Δ

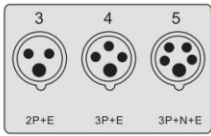
Amp Poles TYP ■ ■ ■ ■ ■ ■ pcs/package g/pcs



63	3	6414	641	6419	6417	6410	6412	5	760
	4	6434	6439	643	6437	6430	6432	5	830
	5	6454	6459	643	6457	6450	6452	5	1511

Amp	16		
poles poles	3	4	5
a	98	98	98
b	260	260	260
c	192	192	192
Min wire size (mm)	10	10	10
Max wire size (mm)	25	25	25
Cable outer diameter range (mm)	20~31	20~31	20~31

Plug
 • Clamping cable fix
 • Ip67 $\Delta\Delta$



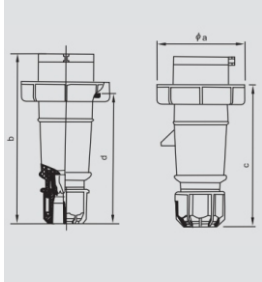
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4h 4h 4h 6h 9h 9h 9h 6h 6h 7h 7h 7h 10h 10h 10h 2h 2h 2h

Plug IP44、IP67 CEE/IEC 60309-1 60309-2
GB/T11918.1 GB/T11918.2

Amp. Poles TYP ■ ■ ■ ■ ■ ■ pcs/package g/pcs



16	3	1714	171	1719	1717	1717	1712	10	160
	4	1734	1739	173	1737	1730	1732	10	180
	5	1754	1759	175	1757	1750	1752	10	210
32	3	3714	371	371900	3717	3710	3712	10	300
	4	3734	3739	373	3737	3730	3732	10	310
	5	3754	3759	375	3757	3750	3752	10	330



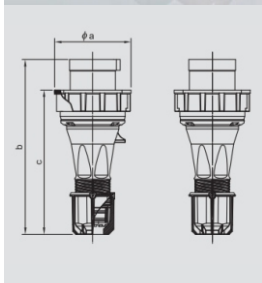
Amp.	16			32						
poles	3	4	5	3	4	5				
a	70.5	78.2	87.2	94	94	101				
b	151.5	151.5	167	197	197	197				
c	126	126	138	163	163	163				
d	119.5	119.5	129	150	150	150				
Min wire size (mm)	1.5	1.5	1.5	2.5	2.5	2.5				
Max wire size (mm)	4	4	4	10	10	10				
Cable outer diameter range (mm)	10~14	10~14	10~14	13~19	13~19	13~19				

Plug
 • Clamping cable fix
 • IP67 **

Amp. Poles TYP ■ ■ ■ ■ ■ ■ pcs/package g/pcs

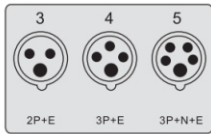


63	3	6714	671	6719	6717	6710	6712	5	770
	4	6734	6739	673	6737	6730	6732	5	840
	5	6754	6759	675	6757	6750	6752	5	860



Amp.	63										
poles	3	4	5								
a	113.5	113.5	113.5								
b	260	260	260								
c	195	195	195								
Min wire size (mm)	6	6	6								
Max wire size (mm)	25	25	25								
Cable outer diameter range (mm)	20~31	20~31	20~31								

Plug
 • Clamping cable fix
 • IP67 **



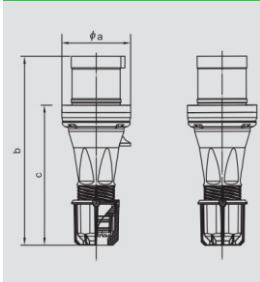
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4h 4h 4h 6h 9h 9h 9h 6h 6h 7h 7h 7h 10h 10h 10h 2h 2h 2h

Plug IP44、IP67 CEE/IEC 60309-1 60309-2
GB/T11918.1 GB/T11918.2

Amp. Poles TYP ■ ■ ■ ■ ■ ■ pcs/package g/pcs



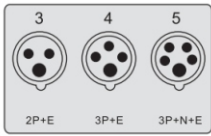
125	3	9714	971	9719	9717	9710	9712	3	1019
	4	9734	9739	973	9737	9730	9732	3	1131
	5	9754	9759	975	9757	9750	9752	3	2769



Amp.	Amp.	16							
poles	poles	3	4	5					
a		98	98	98					
b		260	260	260					
c		192	192	192					
Min wire size (mm)		10	10	10					
Max wire size (mm)		25	25	25					
Cable outer diameter range (mm)		20~31	20~31	20~31					

Plug

- Clamping cable fix
- Ip67 **



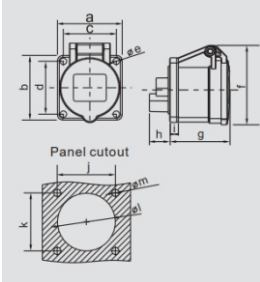
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Panel mount socket IP44, IP67

Amp. Poles TYP ■ ■ ■ ■ ■ ■ pcs/package g/pcs



16	3	51014	5101	51019	51017	51010	51012	10	97
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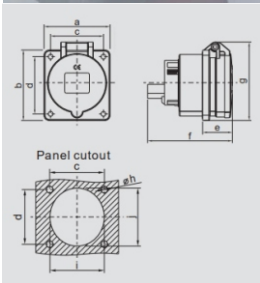


Amp.	16				<ul style="list-style-type: none"> Panel mount socket Flange: 16A3P: 55.5mm 55.5mm Ip44 Δ 				
poles	3								
a	55.5								
b	55.5								
c	45.5								
d	5.5								
e	67.6								
f	50.8								
g	17.6								
h	7								
i	45.5								
j	45.5								
k	45								
l	5.5								
Min wire size(mm)	1.5								
Max wire size(mm)	4								

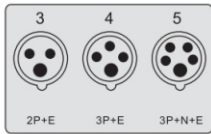
Amp. Poles TYP ■ ■ ■ ■ ■ ■ pcs/package g/pcs



16	3	46014	4601	46019	46017	46010	46012	10	93
	3	48014	4801	48019	48017	48010	48012	10	184
32	4	48184	48189	4818	48187	48182	48182	10	197
	5	48234	48239	4823	48237	48230	48232	10	217



Amp.	Amp.	16	32			<ul style="list-style-type: none"> Panel mount socket Flange: 16A3P: 55mm 60mm 32A3P, 4P, 5P: 75mm 80mm Ip44 Δ 							
poles		3	3	4	5								
a		55	75	75	75								
b		60	80	80	80								
c		45	60	60	60								
d		50	65	65	65								
e		32.3	33.8	33.8	34.3								
f		69	96.3	96.3	79.3								
g		70.5	89	89	89								
h		5.5	5.5	5.5	93.3								
i		43	66.5	66.5	66.5								
j		53	71.5	71.5	71.5								
Min wire size(mm)		1.5	2.5	2.5	2.5								
Max wire size(mm)		4	6	6	6								



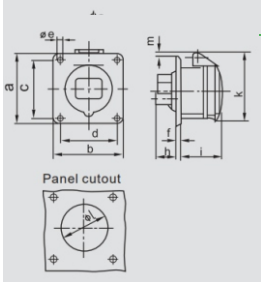
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Panel mount socket IP44, IP67

Amp. Poles TYP pcs/package g/pcs



16	3	56014	5601	56019	56017	56010	56012	10	100
	4	56184	56189	5618	56187	56180	56182	10	135
	5	56234	56239	5623	56237	56230	56232	10	155
32	3	58014	5801	58019	58010	58010	58012	10	190
	4	58184	58189	5818	58180	58180	58182	10	205
	5	58234	58239	5823	58230	58230	58232	10	285



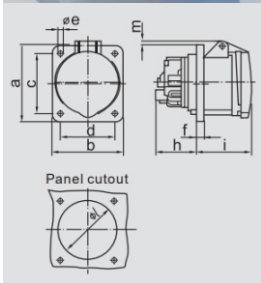
Amp.	16			32		
poles	3	4	5	3	4	5
a	65	65	75	75	75	75
b	65	65	75	75	75	75
c	52	52	60.5	60.5	60.5	60.5
d	52	52	60.5	60.5	60.5	60.5
e	5.5	5.5	5.5	5.5	5.5	5.5
f	7	7	7	8	8	8
g	7	7	7	8	8	8
h	17	26	23	36	36	19
i	51	53	53	53	53	53
j	70	80	85	90	90	98
k	45	45	55	60	60	60
l	8.5	12	15.5	13	13	17
m	1.5	1.5	1.5	2.5	2.5	2.5
Min wire size(mm)	4	4	4	6	6	6
Max wire size(mm)						

Panel mount socket
 • Flange: 16A, 3P, 4P:65mmX65mm
 Others:75mmX75mm
 • Ip44

Amp. Poles TYP pcs/package g/pcs

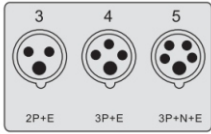


63	3	59014	5901	59019	59017	59010	59012	5	550
	4	59184	59189	5918	59187	59180	59182	5	610
	5	59234	59239	5923	59237	59230	59232	5	650



Amp.	63		
poles	3	4	5
a	107	107	107
b	100	100	100
c	85	85	85
d	85	85	85
e	77	77	77
f	77	77	77
g	6.5	6.5	6.5
h	12	12	12
i	56	56	56
j	77	77	77
k	88	88	88
l	76	76	76
m	25	25	25
Min wire size(mm)	6	6	6
Max wire size(mm)	25	25	25

Panel mount socket
 • Flange: 107mmX100mm
 • Ip44



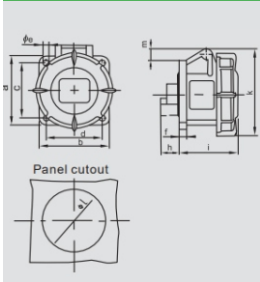
3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole
4h 4h 4h 6h 9h 9h 9h 6h 6h 7h 7h 7h 10h 10h 10h 2h 2h 2h

Panel mount socket IP44, IP67

Amp. Poles TYP ■ ■ ■ ■ ■ ■ pcs/package g/pcs

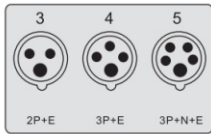


16	3	56024	5602	56029	56027	56010	56022	10	130
	4	56194	56199	5619	56197	56180	56192	10	160
	5	56244	56249	5624	56247	56230	56242	10	190
32	3	58024	5802	58029	58027	58010	58022	10	250
	4	58194	58199	5819	58197	58180	58192	10	260
	5	58244	58249	5824	58240	58230	58242	10	270



Amp.	16			32		
poles	3	4	5	3	4	5
a	65	65	75	75	75	75
b	65	65	75	75	75	75
c	52	52	60	60	60	60
d	52	52	60	60	60	60
e	5.5	5.5	5.5	5.5	5.5	5.5
f	7	7	7	8	8	8
g	17	17	23	36	36	19
h	56	56	58	66	66	66
i	10.5	16	13	12	12	16.5
j	82	90	98	101	101	108
k	45	45	55	60	60	60
l	1.5	1.5	1.5	2.5	2.5	2.5
m	4	4	4	6	6	6

Panel mount socket
 • Flange: 16A, 3P, 4P:65mmX65mm
 Others:75mmX75mm
 • Ip44



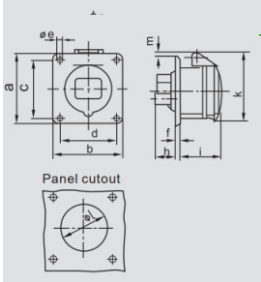
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Angled panel mount socket IP44, IP67

Amp. Poles TYP ■ ■ ■ ■ ■ ■ pcs/package g/pcs



63	3	59024	5902	59029	59027	59020	59022	5	570
	4	59194	59199	5919	59197	59190	59192	5	630
	5	59244	59249	5924	59247	59240	59242	5	670



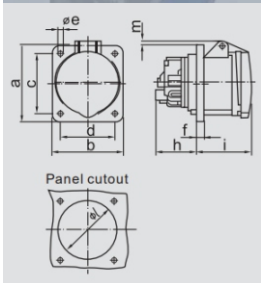
Amp.	63		
poles	3	4	5
a	107	107	107
b	100	100	100
c	85	85	85
d	77	77	77
e	6.5	6.5	6.5
f	12	12	12
g	56.5	56.5	56.5
h	76	76	76
i	113	113	113
j	88	88	88
k	7	7	7
l	88	88	88
m	7	7	7
Min wire size(mm)	6	6	6
Max wire size(mm)	25	25	25

Panel mount socket
 • Flange: 107mmX100mm
 • Ip44

Amp. Poles TYP ■ ■ ■ ■ ■ ■ pcs/package g/pcs

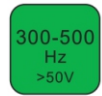
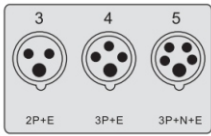


63	3	59014	5901	59019	59017	59010	59012	5	550
	4	59184	59189	5918	59187	59180	59182	5	610
	5	59234	59239	5923	59237	59230	59232	5	650



Amp.	63		
poles	3	4	5
a	120	120	120
b	100	100	100
c	120	120	120
d	100	100	100
e	6.5	6.5	6.5
f	130	130	130
g	118.2	118.2	118.2
h	47.7	47.7	47.7
i	15.4	15.4	15.4
j	105	105	105
Min wire size(mm)	25	25	25
Max wire size(mm)	70	70	70

Panel mount socket
 • Flange: 120mmX120mm
 • Ip67



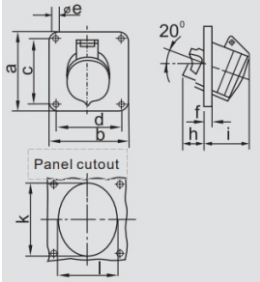
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4h 4h 4h 6h 9h 9h 9h 6h 6h 7h 7h 7h 10h 10h 10h 2h 2h 2h

Panel mount socket IP44, IP67

Amp. Poles TYP ■ ■ ■ ■ ■ ■ pcs/package g/pcs



16	3	36014	3601	36019	36017	36010	36012	10	105
	4	36184	36189	3618	36187	36180	36182	10	160
	5	36234	36239	3623	36237	36230	36232	10	180
32	3	38014	3801	38019	38017	38010	38012	10	200
	4	38184	38189	3818	38187	38180	38182	10	220
	5	38034	38239	3823	38237	38230	38232	10	225

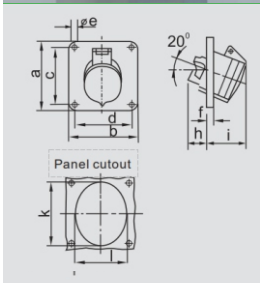


Amp.	16			32						
poles	3	4	5	3	4	5				
a	74	100	100	100	100	100	Angled panel mount socket • 20° Angled • Flange: 16A, 3P:74mmX62mm Others:100mmX92mm • IP44 Δ			
b	62	92	92	92	92	92				
c	60	85	85	85	85	85				
d	52	77	77	77	77	77				
e	5.5	5.5	5.5	5.5	5.5	5.5				
f	8	8	8	8	8	8				
h	30	30	30	47	49	34				
i	48	55	55	63	63	60				
k	57	65	70	75	75	78				
l	52	65	70	75	75	78				
Min wire size(mm)	1.5	1.5	1.5	2.5	2.5	2.5				
Max wire size(mm)	4	4	4	6	6	6				

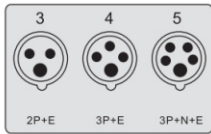
Amp. Poles TYP ■ ■ ■ ■ ■ ■ pcs/package g/pcs



16	3	35014	3501	35019	35017	35010	35012	10	115
	4	35184	35189	3518	35187	35180	35182	10	150
	5	35234	35239	3523	35237	35230	35232	10	170
32	3	37014	3701	37019	37017	37010	37012	10	205
	4	37184	37189	3718	37187	37180	37182	10	210
	5	37234	37239	3723	37237	37230	37232	10	215



Amp.	16			32						
poles	3	4	5	3	4	5				
a	85	85	85	85	85	85	Angled panel mount socket • 20° Angled Flange: 85mmX85mm • Ip44 Δ			
b	85	85	85	85	85	85				
c	70	70	70	70	70	70				
d	70	70	70	70	70	70				
e	5.5	5.5	5.5	5.5	5.5	5.5				
f	8	8	8	8	8	8				
h	30	30	29	34	42	34				
i	48	50	55	58	58	60				
k	57	65	70	75	75	78				
l	52	65	70	75	75	78				
Min wire size(mm)	1.5	1.5	1.5	2.5	2.5	2.5				
Max wire size(mm)	4	4	4	6	6	6				

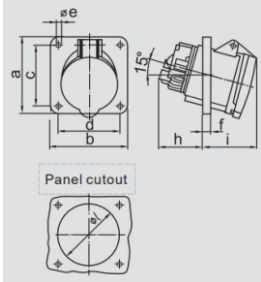


Angled panel mount socket IP44、IP67

Amp. Poles TYP ■ ■ ■ ■ ■ ■ pcs/package g/pcs



63	3	39014	3901	39019	39017	39010	39012	5	600
	4	39184	39189	3918	39187	39180	39182	5	650
	5	39234	39239	3923	59237	39230	39232	5	680



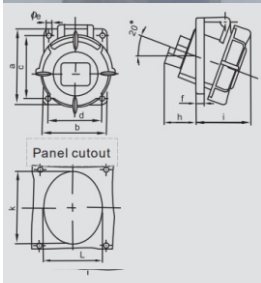
Amp.	63		
poles	3	4	5
a	114	114	114
b	114	114	114
c	90	90	90
d	90	90	90
e	6.5	6.5	6.5
f	12	12	12
h	65	65	58.5
i	81	81	81
j	92	92	92
Min wire size(mm)	6	6	6
Max wire size(mm)	25	25	25

- Angled panel mount socket
- 15°Angled
- Flange: 114mmX114mm
- IP44

Amp. Poles TYP ■ ■ ■ ■ ■ ■ pcs/package g/pcs

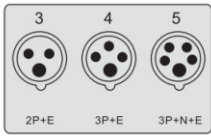


16	3	36024	3602	36029	36027	36020	36022	10	130
	4	36194	36199	3619	36197	36190	36192	10	190
	5	36244	36249	3624	36247	36240	36242	10	220
32	3	38024	3802	38029	38027	38020	38022	10	270
	4	38094	38199	3819	38097	38190	38192	10	290
	5	38244	38249	3824	38247	38240	38242	10	290



Amp.	16			32		
poles	3	4	5	3	4	5
a	74	100	100	100	100	100
b	62	92	92	92	92	92
c	60	85	85	85	85	85
d	52	77	77	77	77	77
e	5.5	5.5	5.5	5.5	5.5	5.5
f	8	8	8	8	8	8
h	30	30	29	47	49	34
i	56	56	60	73	73	71
k	57	65	70	75	75	78
l	52	65	70	75	75	78
Min wire size(mm)	1.5	1.5	1.5	2.5	2.5	2.5
Max wire size(mm)	4	4	4	6	6	6

- Angled panel mount socket
- 20°Angled
- Flange: 16A、3P:74mmX62mm Rest: 100mmX92mm
- IP67



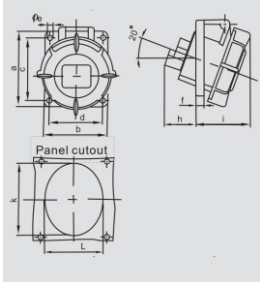
3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole
4h 4h 4h 6h 9h 9h 9h 6h 6h 7h 7h 7h 10h 10h 10h 2h 2h 2h

Angled panel mount socket IP44, IP67

Amp. Poles TYP ■ ■ ■ ■ ■ ■ pcs/package g/pcs



16	3	35024	3502	35029	35027	35020	35022	10	135
	4	35194	35199	3519	35197	35190	35192	10	180
	5	35244	35249	3524	35247	35240	35242	10	210
32	3	37024	3702	37019	37027	37020	37022	10	260
	4	37194	37199	3719	37197	37190	37192	10	280
	5	37244	37249	3724	37247	37240	37242	10	285

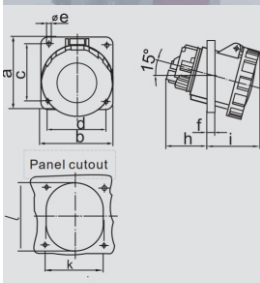


Amp.	16			32			Angled panel mount socket • 20°Angled • Flange: 85mmX85mm • IP67 ⚡			
poles	3	4	5	3	4	5				
a	85	85	85	85	85	85				
b	85	85	85	85	85	85				
c	70	70	70	70	70	70				
d	70	70	70	70	70	70				
e	5.5	5.5	5.5	5.5	5.5	5.5				
f	8	8	8	8	8	8				
h	30	30	30	34	42	34				
i	56	64	64	73	73	71				
k	57	65	65	75	75	78				
l	52	65	65	75	75	78				
Min wire size(mm)	1.5	1.5	1.5	2.5	2.5	2.5				
Max wire size(mm)	4	4	4	6	6	6				

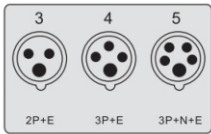
Amp. Poles TYP ■ ■ ■ ■ ■ ■ pcs/package g/pcs



63	3	39024	3902	39029	39027	39020	39022	5	620
	4	39194	39199	3919	39197	39190	39192	5	670
	5	39244	39249	3924	39247	39240	39242	5	700



Amp.	63			Angled panel mount socket • 15°Angled • Flange: 114mmX114mm • IP67 ⚡			
poles	3	4	5				
a	114	114	114				
b	114	114	114				
c	90	90	90				
d	90	90	90				
e	6.5	6.5	6.5				
f	12	12	12				
h	65	65	65				
i	80	80	80				
k	92	92	92				
l	92	92	92				
Min wire size(mm)	6	6	6				
Max wire size(mm)	25	25	25				



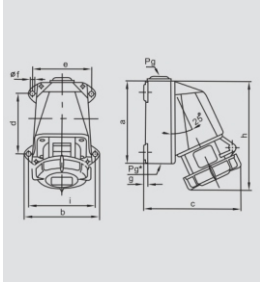
3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole
4h 4h 4h 6h 9h 9h 9h 6h 6h 7h 7h 7h 10h 10h 10h 2h 2h 2h

Surface mount socket IP44, IP67

Amp. Poles TYP pcs/package g/pcs



16	3	86024	8602	86029	86027	86020	86022	10	195
	4	86194	86199	8619	86197	86190	86192	10	220
	5	86244	86249	8624	86247	86240	86242	10	270
32	3	88024	8802	88029	88027	88020	88022	10	275
	4	88194	88199	8819	88197	88190	88192	10	310
	5	88244	88249	8824	88247	88240	88242	10	320



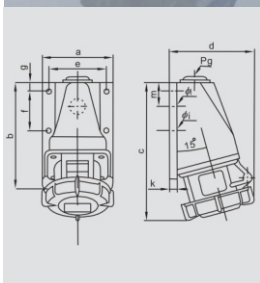
Amp.	16			32		
poles	3	4	5	3	4	5
a	110	110	125	125	125	125
b	100	100	115	115	115	115
c	125	132	149	156	156	149
d	80	80	95	95	95	95
e	78	78	83	83	83	83
f	5,5	5,5	5,5	5,5	5,5	5,5
g	5	5	5	5	5	5
h	145	147	163	173	173	173
i	88	88	102	102	102	102
pg	16	16	21	21	21	21
pg*	pg16			pg21 (Blind entry to be cut out)		
Min wire size(mm)	1.5	1.5	1.5	2.5	2.5	2.5
Max wire size(mm)	4	4	4	6	6	6

- Surface mount socket
- Cable Inlet: One top (opening)
The below hole (closed)
One bottom hole (closed)
- More wiring space
- IP65 **

Amp. Poles TYP pcs/package g/pcs

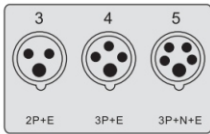


16	3	86024	8602	86029	86027	86020	86022	10	195
	4	86194	86199	8619	86197	86190	86192	10	220
	5	86244	86249	8624	86247	86240	86242	10	270
32	3	88024	8802	88029	88027	88020	88022	10	275
	4	88194	88199	8819	88197	88190	88192	10	310
	5	88244	88249	8824	88247	88240	88242	10	320



Amp.	16			32		
poles	3	4	5	3	4	5
a	71	71	81	81	81	81
b	83	83	102	102	102	102
c	135	140	156	165	165	165
d	78	82	90	94	94	94
e	60	60	70	70	70	70
f	33,5	33,5	47,5	47,5	47,5	47,5
g	13	13	12,5	12,5	12,5	12,5
i	5,3	5,3	5,3	5,3	5,3	5,3
k	8,5	8,5	8,5	8,5	8,5	8,5
l	23	23	23	23	23	23
m	37	37	37	33	33	33
pg	21	21	21	21	21	21
Min wire size(mm)	1.5	1.5	1.5	2.5	2.5	2.5
Max wire size(mm)	4	4	4	6	6	6

- Surface mount socket
- Cable Inlet: One top (opening)
One bottom hole (closed)
- IP67 **



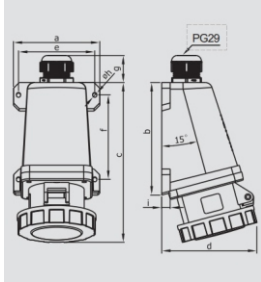
3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole
4h 4h 4h 6h 9h 9h 9h 6h 6h 7h 7h 7h 10h 10h 10h 2h 2h 2h

Surface mount socket IP44, IP67

Amp. Poles TYP pcs/package g/pcs



63	3	69024	6902	69029	69027	69020	69022	5	1020
	4	69194	69199	6919	69197	69190	69192	5	1070
	5	69244	69249	6924	69247	69240	69242	5	1140



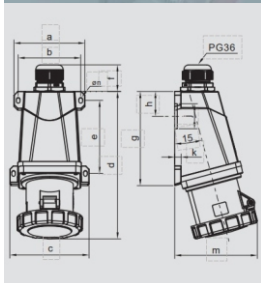
Amp.	63		
poles	3	4	5
a	122.5	122.5	122.5
b	160.2	160.2	160.2
c	225.5	225.5	225.5
d	134.4	134.4	134.4
e	108	108	108
f	120	120	120
g	39.4	39.4	39.4
h	6	6	6
i	12	12	12
Min wire size(mm)	6	6	6
Max wire size(mm)	25	25	25

- Surface mount socket
- Cable Inlet: in tail opening
- One bottom hole(closed)
- More wiring space
- IP67**

Amp. Poles TYP pcs/package g/pcs

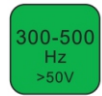
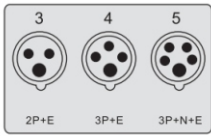


125	3	65024	6502	69029	65027	65020	65022	3	1672
	4	65194	65199	6519	65197	65190	65192	3	1836
	5	65244	65249	6524	69247	65240	65242	3	2040



Amp.	125		
poles	3	4	5
a	136	136	136
b	120	120	120
c	152	152	152
d	282.7	282.7	282.7
e	140	140	140
f	51	51	51
g	180.5	180.5	180.5
h	47.6	47.6	47.6
j	48	48	48
k	12.5	12.5	12.5
m	158.6	158.6	158.6
n	7	7	7
Min wire size(mm)	25	25	25
Max wire size(mm)	70	70	70

- Surface mount socket
- Cable Inlet: in tail opening
- One bottom hole(closed)
- More wiring space
- IP67**



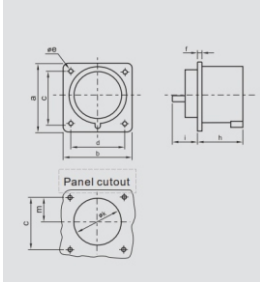
3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole
4h 4h 4h 6h 9h 9h 9h 6h 6h 7h 7h 7h 10h 10h 10h 2h 2h 2h

Panel mount inlet IP44, IP67

Amp. Poles TYP pcs/package g/pcs



16	3	5314	531	5319	5317	5310	5312	10	70
	4	5334	5339	533	5337	5330	5332	10	100
	5	5354	5359	535	5357	5350	5352	10	120
32	3	5814	581	581900	5817	5810	5812	10	160
	4	5834	5839	583	5837	5830	5832	10	170
	5	5854	5859	585	5857	5850	5852	10	180



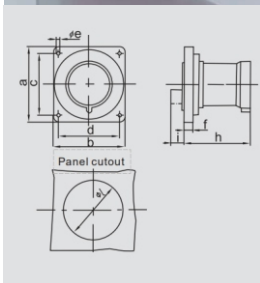
Amp.	16			32		
poles	3	4	5	3	4	5
a	65	65	75	75	75	75
b	65	65	75	75	75	75
c	52	52	60	60	60	60
d	52	52	60	60	60	60
e	5.5	5.5	5.5	5.5	5.5	5.5
f	7	7	7	7	7	7
h	43	43	43	53	53	53
i	24	24	24	30	30	30
k	40	48	61	53	57	60
m	26	26	30	30	30	30
Min wire size(mm)	1.5	1.5	1.5	2.5	2.5	2.5
Max wire size(mm)	4	4	4	10	10	10

Panel mount inlet
 • Flange: 16A, 3P, 4P; 65mmX65mm
 Others:75mmX75mm
 • Ip44

Amp. Poles TYP pcs/package g/pcs

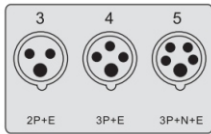


125	3	5414	541	5419	5417	5410	5412	5	500
	4	5434	5439	543	5437	5430	5432	5	510
	5	5454	5459	545	5457	5450	5452	5	530



Amp.	16		
poles	3	3	3
a	110	110	110
b	106	106	106
c	90	90	90
d	90	90	90
e	5.5	5.5	5.5
f	13	13	13
h	100	100	100
i	19	19	19
l	93	93	93
Min wire size(mm)	6	6	6
Max wire size(mm)	25	25	25

Panel mount inlet
 • Flange: 110mmX106mm
 • IP44



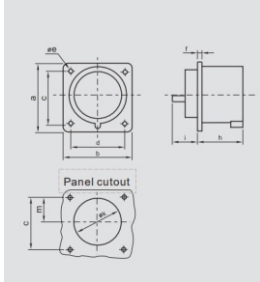
3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole

Panel mount inlet IP44, IP67

Amp. Poles TYP pcs/package g/pcs



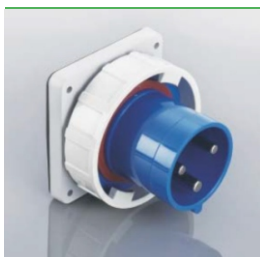
16	3	8314	831	8319	8317	8310	8312	10	155
	4	8334	8339	833	8337	8330	8332	10	180
	5	8354	8359	835	8357	8350	8352	10	210
32	3	8814	881	881900	8817	8810	8812	10	240
	4	8834	8839	883	8837	8830	8832	10	255
	5	8854	8859	885	8857	8850	8852	10	200



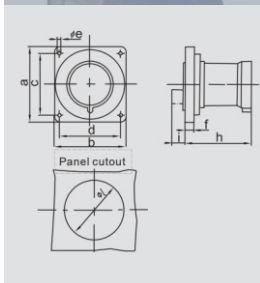
Amp.	16			32		
poles	3	4	5	3	4	5
a	85	85	85	85	85	85
b	85	85	85	85	85	85
c	69.5	69.5	69.5	69.5	69.5	69.5
d	69.5	69.5	69.5	69.5	69.5	69.5
e	5.5	5.5	5.5	5.5	5.5	5.5
f	11	11	11	11	11	11
h	70	70	70	89.5	89.5	89.5
i	70.5	78.2	87.2	94	94	101
l	32.5	36	47	47	47	47
Min wire size(mm)	1.5	1.5	1.5	2.5	2.5	2.5
Max wire size(mm)	4	4	4	10	10	10

Panel mount inlet
 • Flange: 85mmX85mm
 • IP67 **

Amp. Poles TYP pcs/package g/pcs

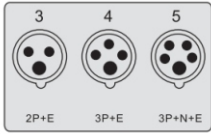


63	3	5714	541	5719	5717	5710	5712	5	520
	4	5734	5739	573	5737	5730	5732	5	530
	5	5754	5759	573	5757	5750	5752	5	550



Amp.	16		
poles	3	4	5
a	110	110	110
b	106	106	106
c	90	90	90
d	90	90	90
e	5.5	5.5	5.5
f	13	13	13
h	102	102	102
i	15	15	15
l	93	93	93
Min wire size(mm)	6	6	6
Max wire size(mm)	25	25	25

• Panel mount inlet
 • Flange: 110mmX106mm
 • IP67 **



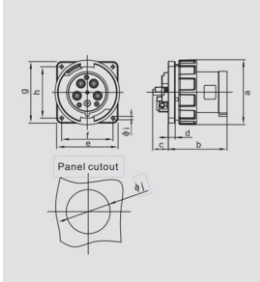
3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole
4h 4h 4h 6h 9h 9h 9h 6h 6h 7h 7h 7h 10h 10h 10h 2h 2h 2h

Panel mount inlet IP44, IP67

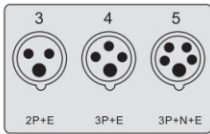
Amp. Poles TYP ■ ■ ■ ■ ■ ■ pcs/package g/pcs



125	3	4714	471	4719	4717	4710	4712	3	812
	4	4734	4739	473	4737	4730	4732	3	924
	5	4754	4759	475	4757	4750	4752	3	1036



Amp.	125				
poles	3	4	5		Panel mount inlet • Flange: 120mmX120mm • IP67 **
a	126	126	126		
b	114.2	114.2	114.2		
c	30.3	30.3	30.3		
d	13.4	13.4	13.4		
e	120	120	120		
f	100	100	100		
g	120	120	120		
h	100	100	100		
i	6.5	6.5	6.5		
j	105	105	105		
Min wire size(mm)	25	25	25		
Max wire size(mm)	70	70	70		



3pole 4pole 5pole
4h 4h 4h

3pole 4pole 5pole
6h 9h 9h

3pole 4pole 5pole
9h 6h 6h

3pole 4pole 5pole
7h 7h 7h

3pole 4pole 5pole
10h 10h 10h

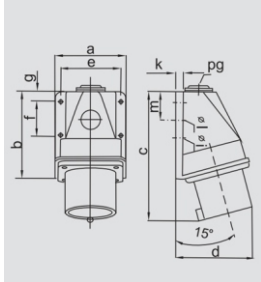
3pole 4pole 5pole
2h 2h 2h

Wall mount inlet Ip44

Amp. Poles TYP ■ ■ ■ ■ ■ ■ pcs/package g/pcs



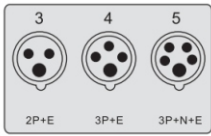
Amp.	Poles	TYP	Yellow	Blue	Red	Black	Light Green	Dark Green	pcs/package	g/pcs
125	3		4714	471	4719	4717	4710	4712	3	812
	4		4734	4739	473	4737	4730	4732	3	924
	5		4754	4759	475	4757	4750	4752	3	1036



Amp.	16			32		
poles	3	4	5	3	3	3
a	71	71	81	81	81	81
b	83	83	102	102	102	102
c	120	123	140	150	150	150
d	72	76	85	89	89	89
e	60	60	70	70	70	70
f	33.5	33.5	47.5	47.5	47.5	47.5
g	13	13	12.5	12.5	12.5	12.5
h	5.3	5.3	5.3	5.3	5.3	5.3
i	8.5	8.5	8.5	8.5	8.5	8.5
j	23	23	23	23	23	23
k	37	37	37	33	33	33
l	21	21	21	21	21	21
pg	21	21	21	21	21	21
Min wire size(mm)	1.5	1.5	1.5	2.5	2.5	2.5
Max wire size(mm)	4	4	4	10	10	10

Wall mount inlet

- Cable Inlet: One top (opening)
- One bottom hole (closed)
- Ip44



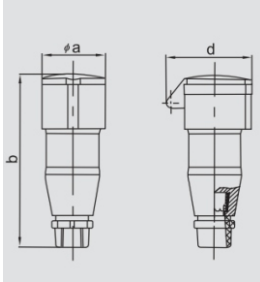
3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole
4h 4h 4h 6h 9h 9h 9h 6h 6h 7h 7h 7h 10h 10h 10h 2h 2h 2h

Connector IP44、IP67

Amp. Poles TYP pcs/package g/pcs



16	3	26014	2601	26019	26017	26010	26012	10	165
	4	26184	26189	2618	26187	26180	26182	10	190
	5	26234	26239	2623	26237	26230	26232	10	225
32	3	28014	2801	28019	28017	28010	28010	10	280
	4	28184	28189	2818	28187	28180	28180	10	295
	5	28234	28239	2823	28237	28230	28230	10	330

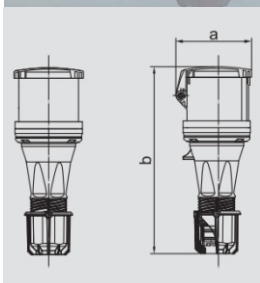


Amp.	16			32					
poles	3	4	5	3	4	5	Connector • Clamping cable fix • Ip44		
a	51	58	64	66	66	72			
b	150	151	155	198	198	200			
d	71	79	85	93	93	99			
Min wire size(mm)	1.5	1.5	1.5	2.5	2.5	2.5			
Max wire size(mm)	4	4	4	6	6	6			
Cable outer diameter range	10~13	10~13	10~13	13~19	13~19	13~19			

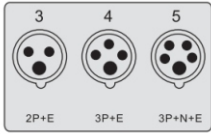
Amp. Poles TYP pcs/package g/pcs



125	3	29014	2901	29019	29017	29010	29012	5	800
	4	29184	29189	2918	29187	29180	29182	5	840
	5	29234	29239	2923	29237	29230	29232	5	880



Amp.	16								
poles	3	4	5				• Panel mount inlet • Flange: 110mmX106mm • IP44		
a	108	108	64						
b	271	271	271						
Min wire size(mm)	10	10	10						
Max wire size(mm)	16	16	16						
Cable outer diameter range	20~31	20~31	20~31						



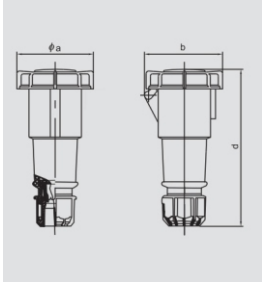
3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole
4h 4h 4h 6h 9h 9h 9h 6h 6h 7h 7h 7h 10h 10h 10h 2h 2h 2h

Connector IP44, IP67

Amp. Poles TYP pcs/package g/pcs



16	3	26024	2602	26029	26027	26020	26022	10	240
	4	26194	26199	2619	26197	26190	26192	10	190
	5	26244	26249	2624	26247	26240	26242	10	310
32	3	28024	2802	28029	28027	28020	28022	10	370
	4	28194	28199	2819	28197	28190	28192	10	380
	5	28244	28249	2824	28247	28240	28242	10	410



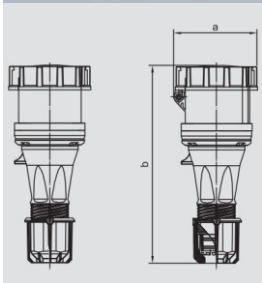
Amp.	16			32		
poles	3	4	5	3	4	5
a	77.2	84	96	103	103	108.5
b	82	90	98	101	101	108.5
d	156	169	182	209	209	209
Min wire size(mm)	1.5	1.5	1.5	2.5	2.5	2.5
Max wire size(mm)	4	4	4	6	6	6
Cable outer diameter range	10~13	10~13	10~13	13~19	13~19	13~19

Connector
 • Clamping cable fix
 • IP67

Amp. Poles TYP pcs/package g/pcs

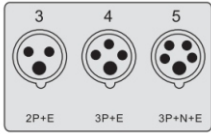


125	3	29014	2901	29019	29017	29010	29012	5	800
	4	29184	29189	2918	29187	29180	29182	5	840
	5	29234	29239	2923	29237	29230	29232	5	880



Amp.	63		
poles	3	4	5
a	113.5	113.5	113.5
b	272	272	272
Min wire size(mm)	6	6	6
Max wire size(mm)	25	25	25
Cable outer diameter range	20~31	20~31	20~31

Connector
 • Clamping cable fix
 • Ip67



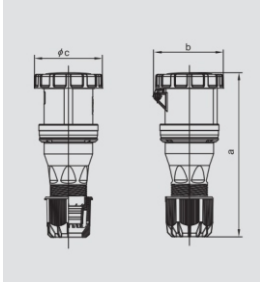
3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole 3pole 4pole 5pole
4h 4h 4h 6h 9h 9h 9h 6h 6h 7h 7h 7h 10h 10h 10h 2h 2h 2h

Connector IP44、IP67

Amp. Poles TYP pcs/package g/pcs



125	3	27024	2702	27029	27027	27020	27022	3	1268
	4	27194	27199	2719	27197	27190	27192	3	1383
	5	27244	27249	2724	27247	27240	27242	3	1498




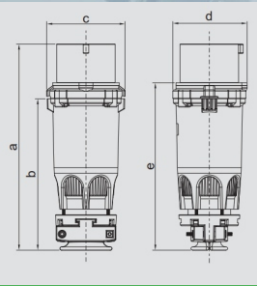
Amp.	16			32			Connector • Clamping cable fix • IP67 ▲▲		
poles	3	4	5						
a	300	300	300						
b	132	132	132						
c	126	126	126						
Min wire size(mm)	25	25	25						
Max wire size(mm)	70	70	70						
Cable outer diameter range	30~47	30~47	30~47						


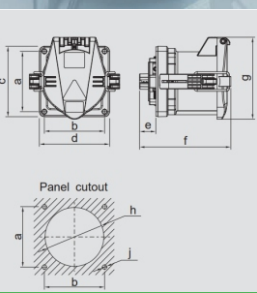


400V
50-60Hz

5 poles
6h

CM200A Plug and socket Ip67 According to the demand can be provided other voltage and frequency products

	Amp.	Poles	TYP	pcs/package	g/pcs
	200	5	752156	1	2956
	amp.		200	Plug • With cable clamping plates • IP rating: IP67▲▲	
	poles		5		
	a		373		
	b		274		
	c		141.5		
	d		134.5		
	e		303		
	Min wire size(mm)		70		
	Max wire size(mm)		90		
	Cable outer diameter range		Ø33~Ø56		

	Amp.	Poles	TYP	pcs/package	g/pcs
	200	5	752256	1	3262
	amp.		200	Socket IP rating: IP67	
	poles		5		
	a		120		
	b		120		
	c		140		
	d		140		
	e		32.5		
	f		182		
	g		163		
	h		117		
	j		9		
	Min wire size(mm)		70		
	Max wire size(mm)		90		



400V
50-60Hz

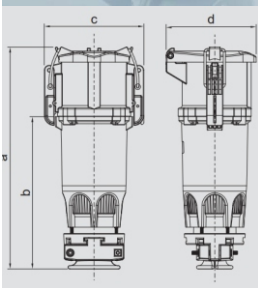
5 poles
6h

CM200A Plug and socket IP67

Amp. Poles TYP pcs/package g/pcs



200	5	752156	1	2956
-----	---	--------	---	------



amp.	200
poles	5
a	401.5
b	275.5
c	180
d	163
Min wire size(mm)	70
Max wire size(mm)	90
Cable outer diameter range	Ø33~Ø56

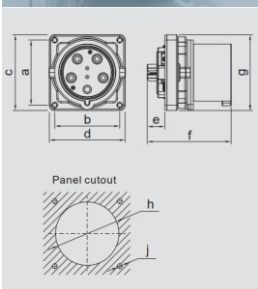
Plug

- With cable clamping plates
- IP rating: IP67

Amp. Poles TYP pcs/package g/pcs



200	5	752256	1	2435
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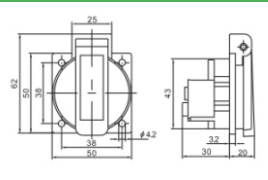



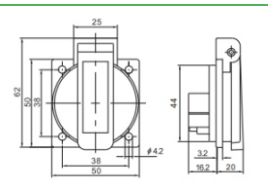
amp.	200
poles	5
a	120
b	120
c	140
d	140
e	32.5
f	155
g	140
h	117
j	9
Min wire size(mm)	70
Max wire size(mm)	90


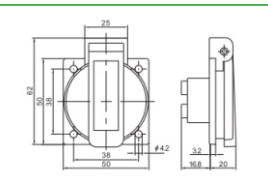
Socket


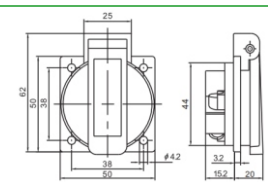
IP rating: IP67


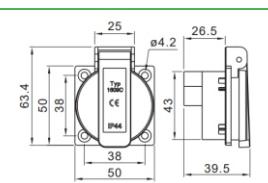
Schuko Connector Socket IP44

		Amp.	Typ	Color	Pcs/package	Weight(g/pcs)
		10A	1601	BLue	20	50
Socket • 2 Pin with protective pulg • IP44						

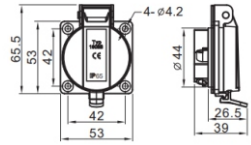
		Amp.	Typ	Color	Pcs/package	Weight(g/pcs)
		10A	1606	BLue	20	45
2 Pin single phase socket • IP44						

		Amp.	Typ	Color	Pcs/package	Weight(g/pcs)
		16A	1608	BLue	20	50
T Socket • IP44						

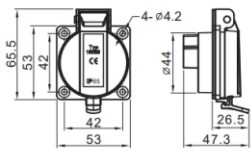
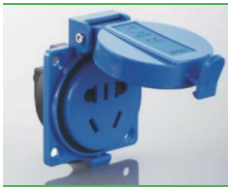
		Amp.	Typ	Color	Pcs/package	Weight(g/pcs)
		10A	1601	BLue	20	50
3 Pin single phase socket • IP44						

		Amp.	Typ	Color	Pcs/package	Weight(g/pcs)
		16A	1609C	Blue	20	60
Multi-functional • IP44						

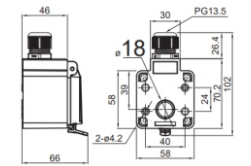
Socket IP65



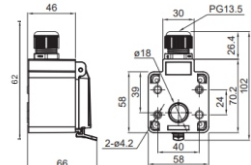
Amp.	Typ	Color	Pcs/package	Weight(g/pcs)
16A	1608B	Blue	20	71.2
3 Pin single phase socket • IP65				



Amp.	Typ	Color	Pcs/package	Weight(g/pcs)
10A	1609B	Blue	20	75
Multi-functional socket • IP65				

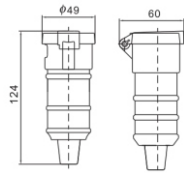


Amp.	Typ	Color	Pcs/package	Weight(g/pcs)
16A	1618B	BLue	10	136
Surface mount 3 pins single phase socket • With self-covering and cable gland • IP65				



Amp.	Typ	Color	Pcs/package	Weight(g/pcs)
10A	1619B	Blue	10	136
Surface mount multi-functional socket • 2 Pin with protective plug • Ip65				

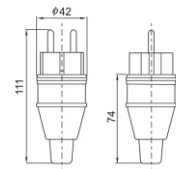
Connector IP44 Plug IP44



Amp.	Typ	Color	Pcs/package	Weight(g/pcs)
16A	1602	Blue	10	95

Connector

- With self-covering and cable gland
- Ip44 Δ




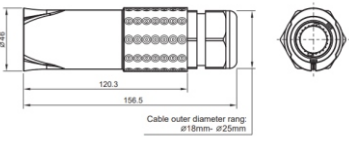





Amp.	Typ	Color	Pcs/package	Weight(g/pcs)
16A	131	Blue	20	45


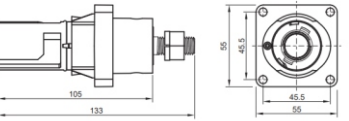





PLug


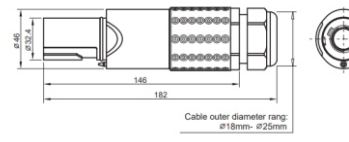





- 2 Pin with protective plug
- Ip44 Δ


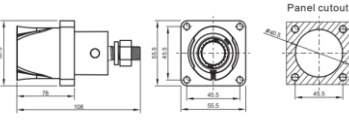





Material and spec

Shell	Pa6, UL94 V 0	Insulation resistance (MΩ)	≥ 500MΩ
Insert material	PA6, UL94 V 0	Test voltage (AC.V) 1 min	3000
Contact material	Brass with silver plating	Wire size (mm ² /AWG)	185mm ² max
Termination	Screw	Rated current (A)	400
Mating cycle	500	Rated voltage (AC.V)	600
Temperature range	-25°C ~ +85°C	Contact resistance (mΩ)	≤ 2.5mΩ

		Phase sequence	Part number	Colour
	<p>Male-contact plug</p>  <p>Cable outer diameter rang: ø18mm- ø25mm</p>	L1	WH400A-TJ-L1	
		L2	WH400A-TJ-L2	
		L3	WH400A-TJ-L3	
		N	WH400A-TJ-N	
		PE	WH400A-TJ-PE	

	<p>Female- contact socket</p> 	L1	WH400A-ZK-L1	
		L2	WH400A-ZK-L2	
		L3	WH400A-ZK-L3	
		N	WH400A-ZK-N	
		PE	WH400A-ZK-PE	

	<p>Female-contact plug</p>  <p>Cable outer diameter rang: ø18mm- ø25mm</p>	WH400A-TK-L1	
		WH400A-TK-L2	
		WH400A-TK-L3	
		WH400A-TK-N	
		WH400A-TK-PE	

	<p>Male-contact socket</p>  <p>Panel cutout</p>	WH400A-ZJ-L1	
		WH400A-ZJ-L2	
		WH400A-ZJ-L3	
		WH400A-ZJ-N	
		WH400A-ZJ-PE	

IP67

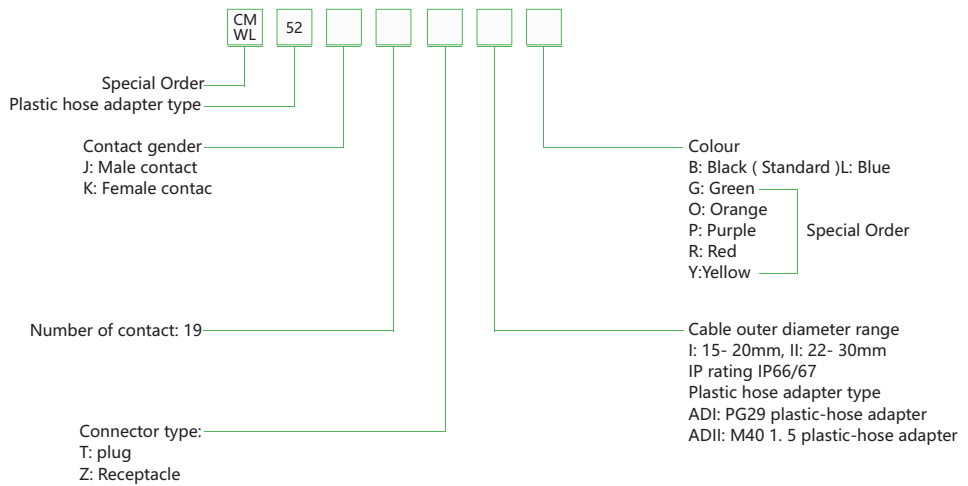
CMWH400A Series





• CMWL 52 Series

Part number system



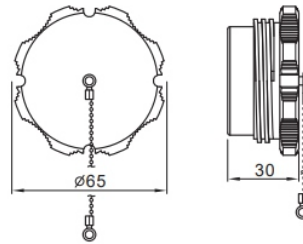
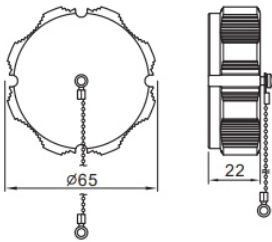
Material and spec

Coupling	Threaded
Shell	Anodized aluminium
Insert material	PPS, fire resistance: V-0, max temperature 260
Contact material	Brass with gold plating
IP rating	IP66/67
Termination	Solder
Mating cycle	500
Temperature range	-40°C ~ +85°C
Insulation resistance	2000 MΩ



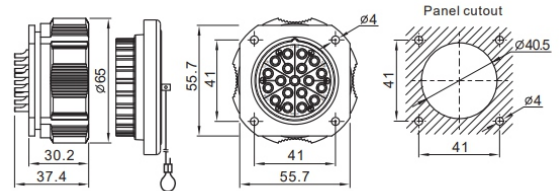
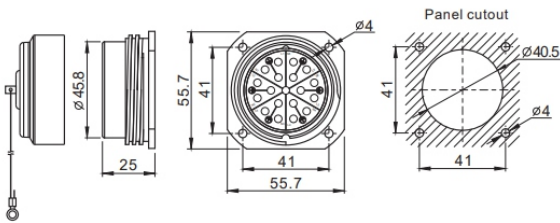
• CMWL52-GZK Ip67
Aluminium cap for female-contact connector

• CMWL52-GZJ Ip67
Aluminium cap for male-contact connector



• CMWL52-GZK Ip67
Aluminium cap for female-contact connector

• CMWL52-GZJ Ip67
Aluminium cap for male-contact connector

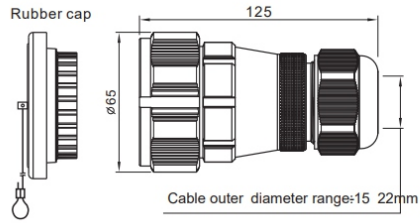


Soldercontact spec

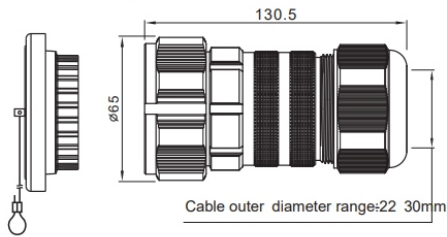
Number of contact	
Male contact face view	
-Rated current (A)	25
-Contact diameter	Ø3
-Rated voltage-Test voltage	700 (DC.V), 500 (AC.V)
(AC.V) 1 min	2500
-Contact resistance (MΩ)	1
-Wire size(mm ² /AWG)	≤ 6/9



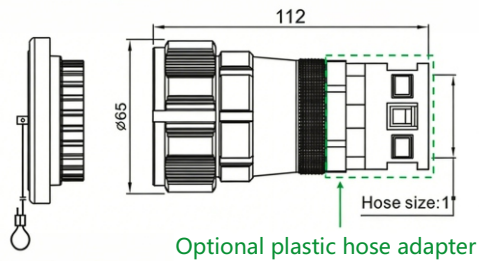
- Male-contact plug with clamping-nut: CMWL52J19T IP67



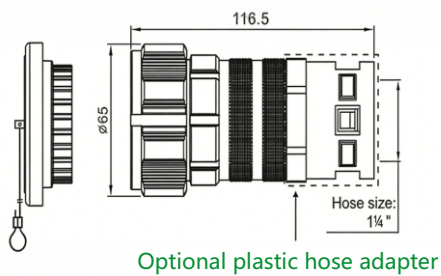
- Male-contact plug with clamping-nut 2: CMWL52J19TII IP67



- Male-contact plug for PG29 Plastic hose adapter: CMWL52J19ADI IP66

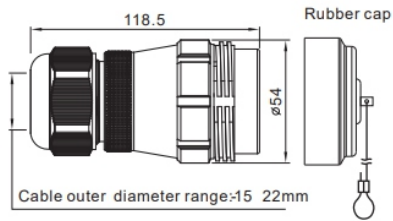


- Male-contact plug for M40 ×1.5 plastic hose adapter: CMWL52J19ADII IP66

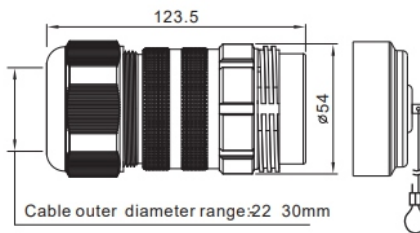




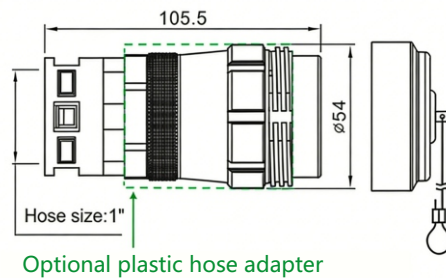
- Female-contact connector with clamping-nut: CMWL52K19T IP67



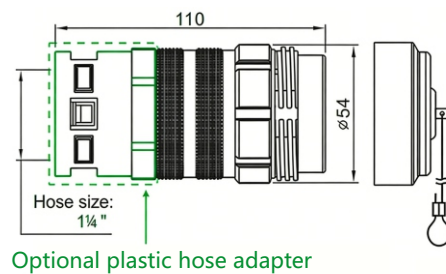
- Female-contact connector with clamping-nut 2: CMWL52K19TII IP67



- Female-contact connector for PG29 Plastic hose adapter: CMWL52K19ADI IP66

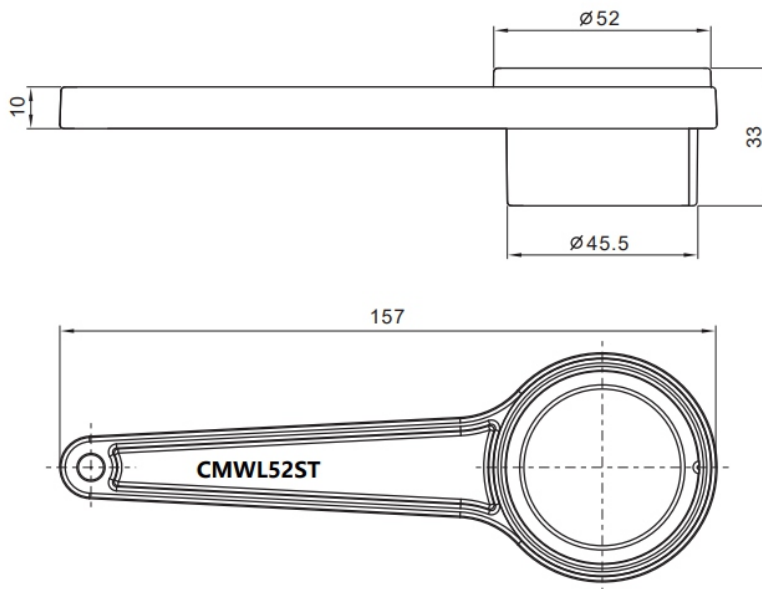


- Female-contact connector for M40 ×1.5 Plastic hose adapter CMWL52K19TII IP66

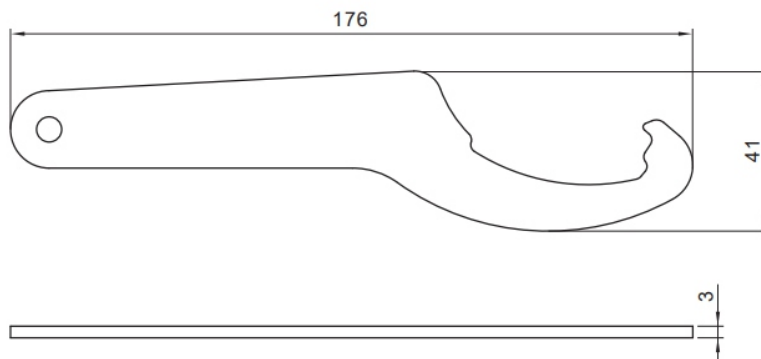




- Wrench 1: CMWL52ST



- Wrench 2: CMWL52SY

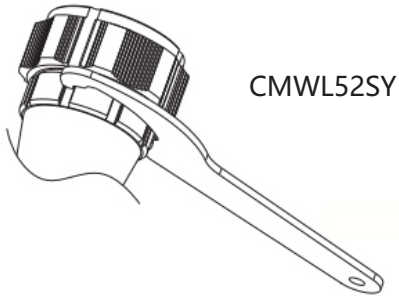
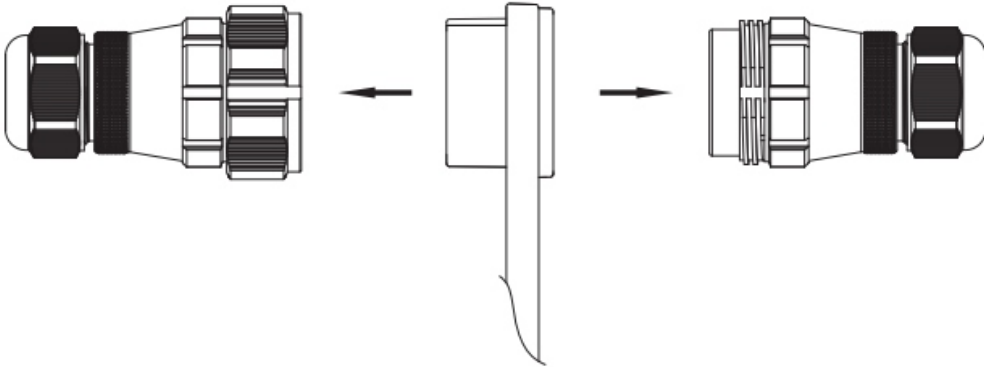


Instruction

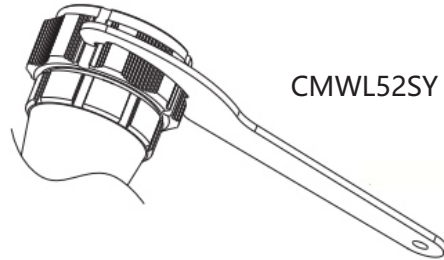
Male-contact connector

CMWL52ST

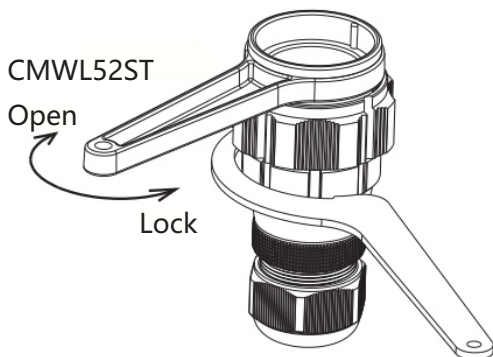
Female-contact connector



CMWL52SY



CMWL52SY

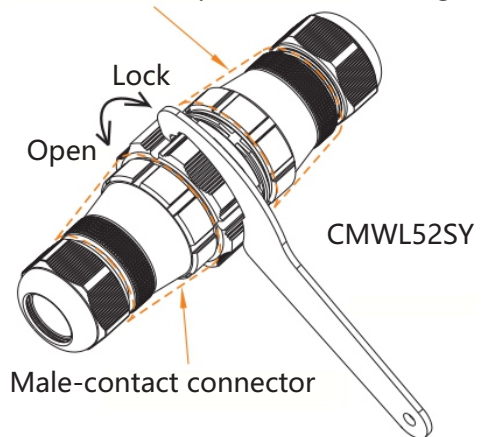


CMWL52ST

Open

Lock

Don't hold this part when fastening



Lock

Open

CMWL52SY

Male-contact connector

IP67

CMWL52 Series

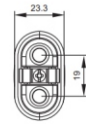
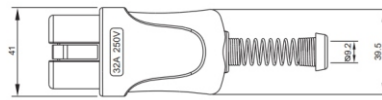




AR Durable Electric Heating Plug Junction-box



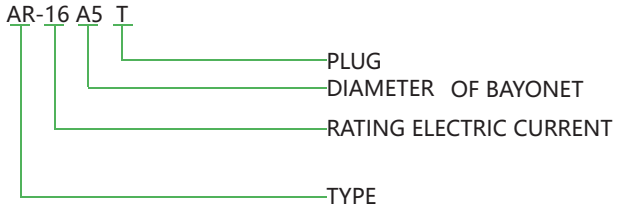
AR Durable Electric Heating Plug



Main Technical features:

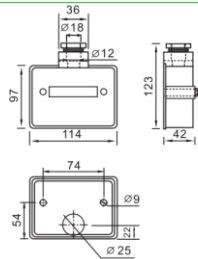
- Rating electric current: 16A(20A)、32A
- Rating Voltage:250V
- Heat-resistance: 500 °C (the ceramic head)
- Frequency: 50HzLife duration: 600 times

Item No. Explanation:



TYPE

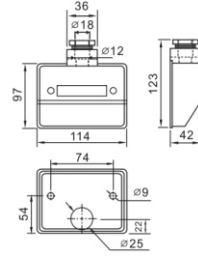
- AR-16A5T BAYONET Ø5
- AR-32A6T BAYONET Ø6



Rated A	Part No.TYP	TerminalP	Weight(g/pcs)
30A	6003	3P+N+⊕	230

junction-box
Bottom holeUpper hole (with cable tightening fittings)
Electric Inlet

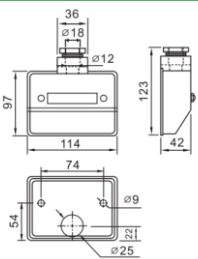
Min conducting wire section mm² 2.5
Max conducting wire section mm² 10



Rated A	Part No.TYP	TerminalP	Weight(g/pcs)
30A	6004	3P+N+⊕	200

junction-box
Bottom holeUpper hole (with cable tightening fittings)
Electric Inlet

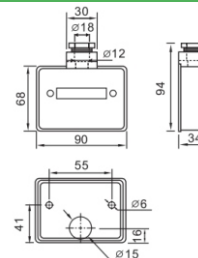
Min conducting wire section mm² 2.5
Max conducting wire section mm² 10



Rated A	Part No.TYP	TerminalP	Weight(g/pcs)
15A	6005	3P+N+⊕	120

junction-box
Bottom holeUpper hole (with cable tightening fittings)
Electric Inlet

Min conducting wire section mm² 1.5
Max conducting wire section mm² 4



Rated A	Part No.TYP	TerminalP	Weight(g/pcs)
63A	6006	3P+⊕	248

junction-box
Bottom holeUpper hole (with cable tightening fittings)
Electric Inlet

Min conducting wire section mm² 6
Max conducting wire section mm² 25

Window for switch

3Pin flat plug

3Pin flat socket

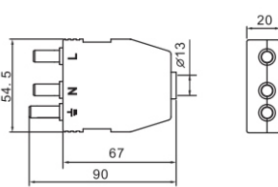
3Pin flat cable socket

Window for switch
IP66

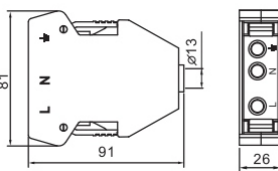


Type	DPK-4	DPK-6	DPK-8
	Digit	4	6
a	91	127	163
b	95	94	94
c	65	65	65
d	43	43	43
e	21	23	23
f	15.5	49	15.5
g	51	15.5	49
h	69	107	141
l	7.66	77	77
j	4.3	3.4	3.4
k	77	113	149

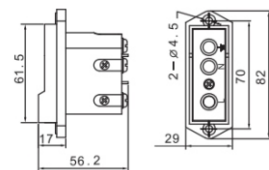
Type	DPK-10	DPK-12	DPK-14
	Digit	10	12
a	198.5	235.5	270
b	94	94	95
c	65	65	65
d	43	43	43
e	23	23	23
f	15.5	15.5	15.5
g	49	49	50
h	176	213	247
i	77	77	77
j	84	72	71.5
k	3.4	3.4	4.2
l	185	222	255



Amp	Type	Color	Pcs/package	Weight(g/pcs)
250V/32 A125V/40A	Pc10321	Black	10	77
3flat-tpin plug				



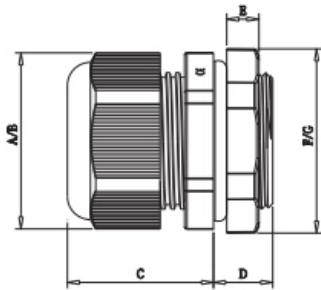
Amp	Type	Color	Pcs/package	Weight(g/pcs)
250V/32 A125V/40A	Pc10322	Black	10	104
3flat-pin socket				



Amp	Type	Color	Pcs/package	Weight(g/pcs)
250V/32 A125V/40A	Pc10322	Black	10	70
3flat-pin cable to cable				








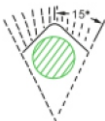

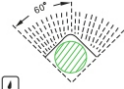



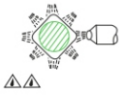




Industrial cable gland



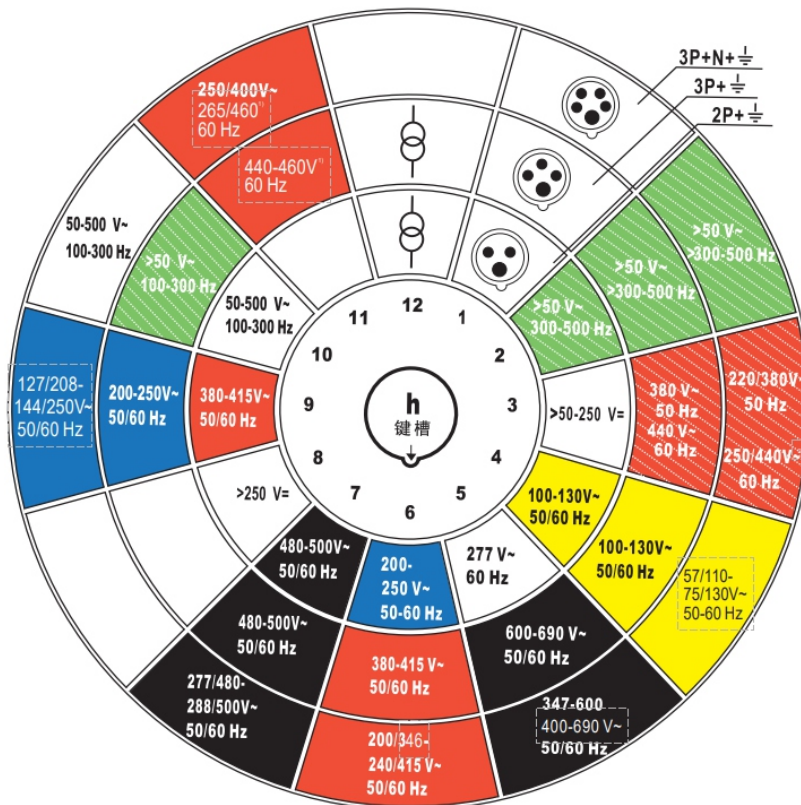
material nylon
 seal NBR
 IP rating
 temperature -25°C +85°C
 color grey(standard)black
 (special order)

AG PG	A Diagonal distance	B Parallel planedistance	C Max	D Length	E Thickness	F Diagonal distance	G Parall planedistance	∅ Outside diameter of cable	Panel cutout	Type Grey	Type Black
7	16.5	16.5	19.2	8	5	21	19	19	13	PA807G	PA807B
9	21	21	21.6	8	5	24	22	22	15.7	PA809G	PA809B
11	24.7	24.7	24.7	8	5	27	24.6	24.6	19	PA811G	PA811B
13.5	26.5	26.5	26.6	9	6	30	26.9	26.9	20.5	PA813G	PA813B
16	30	30	28.8	9.8	6.5	33	30.2	30.2	22.5	PA816G	PA816B
21	36.5	36.5	28.8	12.1	6.7	38.4	35.8	35.8	28	PA821G	PA821B
29	47.3	47.3	31.3	11	7.3	50.5	46.2	46.2	37.2	PA829G	PA829B
36	59.2	59.2	50	12.8	7.7	65	59	59	47.8	PA836G	PA836B



The first digit	Protection against ingress of solids	The second digit	Protection against ingress of liquids
IP 0	 Test No protection	IP 0	 Test No protection
1	 50mm Protection against solid objects over 50 mm	1	 Protection against vertically falling drops of water
2	 12mm Protection against solid objects over 12 mm	2	 Protection against direct sprays of water up to 15° from vertical
3	 2.5mm Protection against solid objects over 2.5 mm	3	 60° Protection against direct sprays of water up to 60° from vertical
4	 1mm Protection against solid objects over 1.0 mm	4	 Protection against low pressure water sprayed from all directions
5	 Limited protection against dust ingress	5	 Protection against moderate pressure jets of water from all directions
6	 Complete protection against dust ingress	6	 Protection against high pressure jets of water from all directions
		7	 Protection against the effect of immersion between 15cm and m deep
		8	 Protection against long periods of immersion under pressure

All of the connectors are made according to IEC60309 standard equivalent to GB/T11918, GB/T11919, the color of the connector means the different voltage and frequency. It is safe because different plugs and sockets use different poles, diameters of poles and position to avoid mis-connection.



Each product shows current,voltage,frequency,grounding and key way clearly.

For example: 16-6h/380-415V~3P+ means 16A current,grounding position is 6h,380V-415V~voltage:4poles.