

LOW VOLTAGE

50/60 Hz industrial plugs and sockets

LOW VOLTAGE PLUGS AND SOCKETS

IP44 product series

- Wander sockets.
- Straight flush-fit sockets.
- Sloping flush-fit sockets.
- Wall sockets.
- Wander plugs.
- Straight flush-fit plugs.
- Wall plugs.
- Phase inverters.
- Current: 16 A – 32 A.
- Voltage: 110V – 220V – 380V – 500V.
- Poles: 2P+E – 3P+E – 3P+N+E.
- Time code: 2h – 4h – 6h – 7h – 9h – 10h.

IP67 product series

- Wander sockets.
- Sloping flush-fit sockets.
- Wall sockets.
- Wander plugs.
- Sloping flush-fit plugs.
- Wall plugs.
- Phase inverters.
- Current: 16 A – 32 A – 63 A – 125 A.
- Voltage: 110V – 220V – 380V – 500V.
- Poles: 2P+E – 3P+E – 3P+N+E.
- Time code: 2h – 4h – 6h – 7h – 9h – 10h.



IP44 WANDER PLUG



IP44 WALL SOCKET



IP67 FLUSH-FIT SOCKET



IP67 FLUSH-FIT PLUG

Material

- Plastic parts: Polyamide 6.
- Contacts: Copper-zinc alloy.
- Halogen-free plastic materials.

Main characteristics of the plastic material:

- Excellent resistance to impact.
- High thermal stability.
- Very good insulating qualities.
- High disruptive force.
- High resistance to extreme environmental agents.
- High resistance to chemical products and agents.

Main characteristics of the contacts:

- High-capacity electrical conduction: 15 mm²/(Ohm mm²).
- High corrosion resistance in industrial areas.
- Possibility of requesting nickel-plated contacts to increase resistance in marine, steamy environments, etc. (Add /NC to the reference).

Supply

Supplied in an individual box per packaging multiple.



Wander socket and plug body

- They feature an ergonomic design that makes it extremely easy for the installer to hold and handle them.
- The cable hose is secured by means of a cable gland system that guarantees total protection against the entry of water and solid bodies.
- Clipping system opening and closing, with a tool required to access live parts, in compliance with regulations.
- Easy access to cable connection thanks to screws on the side facing in the same direction.

Ergonomic design that facilitates holding and handling



Cover

- It features geometric forms that provide it with excellent rigidity and resistance to knocks and handling. There are three recesses at the top which become connection ribs with the opening and rotation tab.
- 180° cover opening and rotation, thus providing total and unlimited opening.
- The IP67 sockets and plugs have a ring that guarantees their degree of protection.

Shield for flush-fit sockets

- Four unique shield sizes. Two for 16 A and 32 A sockets and two for 63 A and 125 A sockets.

Wall sockets

- The IP44 wall sockets have a threaded cap and the IP67 sockets a cable gland to guarantee their degree of protection.
- They have threaded holes for wall-mounting that facilitate installation and levelling.

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50/60 Hz industrial plugs and sockets

IP44 low voltage sockets



Current	Poles	Voltage [V]	Time code		Straight flush-fit sockets	Sloping flush-fit sockets	Wall sockets	Wander sockets
					Reference No.	Reference No.	Reference No.	Reference No.
16A	2P+E	>50(301-500Hz)	2	■	-	07301	07321	07201
		100/130	4	■	01311	01301	01321	01201
		200/250	6	■	02311	02301	02321	02201
		480/500	7	■	-	05301	05321	05201
		380/415	9	■	03311	03301	03321	03201
	3P+E	>50(301-500Hz)	2	■	-	07302	07322	07202
		100/130	4	■	01312	01302	01322	01202
		380/415	6	■	03312	03302	03322	03202
		480/500	7	■	05312	05302	05322	05202
		200/250	9	■	02312	02302	02322	02202
		>50(100-300Hz)	10	■	-	07382	07352	07282
	3P+N+E	>50(301-500Hz)	2	■	-	07303	07323	07203
		57/100 75/130	4	■	01313	01303	01323	01203
		200/346 240/415	6	■	03313	03303	03323	03203
		277/480 288/500	7	■	05313	05303	05323	05203
		120/208 144/250	9	■	02313	02303	02323	02203
32A	2P+E	>50(301-500Hz)	2	■	-	07304	07324	07204
		100/130	4	■	01314	01304	01324	01204
		200/250	6	■	02314	02304	02324	02204
		480/500	7	■	-	05304	05324	05204
		380/415	9	■	03314	03304	03324	03204
	3P+E	>50(301-500Hz)	2	■	-	07305	07325	07205
		100/130	4	■	01315	01305	01325	01205
		380/415	6	■	03315	03305	03325	03205
		480/500	7	■	05315	05305	05325	05205
		200/250	9	■	02315	02305	02325	02205
		>50(100-300Hz)	10	■	-	07385	07395	07285
	3P+N+E	>50(301-500Hz)	2	■	-	07306	07326	07206
		57/100 75/130	4	■	01316	01306	01326	01206
		200/346 240/415	6	■	03316	03306	03326	03206
		277/480 288/500	7	■	05316	05306	05326	05206
		120/208 144/250	9	■	02316	02306	02326	02206

Available with nickel-plated contacts for marine environments. Ask us about price and delivery terms.

See dimensions on pages: 312 - 313.



IP44 low voltage plugs



Current	Poles	Voltage (V)	Time code		Wander plugs	Straight flush-fit plugs	Wall plugs
					Reference No.	Reference No.	Reference No.
16A	2P+E	>50(301-500Hz)	2		07101	-	-
		100/130	4		01101	01111	01121
		200/250	6		02101	02111	02121
		480/500	7		05101	-	-
		380/415	9		03101	03111	03121
	3P+E	>50(301-500Hz)	2		07102	-	-
		100/130	4		01102	01112	01122
		380/415	6		03102	03112	03122
		480/500	7		05102	05112	05122
		200/250	9		02102	02112	02122
	3P+N+E	>50(100-300Hz)	10		07182	-	-
		>50(301-500Hz)	2		07103	-	-
		57/100 75/130	4		01103	01113	01123
		200/346 240/415	6		03103	03113	03123
		277/480 288/500	7		05103	05113	05123
120/208 144/250	9		02103	02113	02123		
32A	2P+E	>50(301-500Hz)	2		07104	-	-
		100/130	4		01104	01114	01124
		200/250	6		02104	02114	02124
		480/500	7		05104	-	-
		380/415	9		03104	03114	03124
	3P+E	>50(301-500Hz)	2		07105	-	-
		100/130	4		01105	01115	01125
		380/415	6		03105	03115	03125
		480/500	7		05105	05115	05125
		200/250	9		02105	02115	02125
	3P+N+E	>50(100-300Hz)	10		07185	-	-
		>50(301-500Hz)	2		07106	-	-
		57/100 75/130	4		01106	01116	01126
		200/346 240/415	6		03106	03116	03126
		277/480 288/500	7		05106	05116	05126
120/208 144/250	9		02106	02116	02126		

IP44-IP67 phase inverter connectors

See dimensions on page: 313.



IP44 phase inverter

IP67 phase inverter

					N 47 phase inverter		N 61 phase inverter	
Current	Poles	Voltage (V)	Time code		Reference No.		Reference No.	
16A	2P+E	200/250	9		08509		08510	
	3P+E	380/415	6		08501		08505	
	3P+N+E	200/346 - 240/415	6		08502		08506	
32A	2P+E	200/250	9		08511		08512	
	3P+E	380/415	6		08503		08507	
	3P+N+E	200/346 - 240/415	6		08504		08508	

LOW VOLTAGE

50/60 Hz industrial plugs and sockets

IP66-IP67 low voltage sockets



IP	I	Poles	Voltage [V]	Time code		Sloping flush-fit sockets		Wall sockets		Wander sockets	
						Reference No.		Reference No.		Reference No.	
IP66 IP67	16A	2P+E	>50(301-500Hz)	2		07801		07821		07701	
			100/130	4		01801		01821		01701	
			200/250	6		02801		02821		02701	
			480/500	7		05801		05821		05701	
			380/415	9		03801		03821		03701	
		3P+E	>50(301-500Hz)	2		07802		07822		07702	
			100/130	4		01802		01822		01702	
			380/415	6		03802		03822		03702	
			480/500	7		05802		05822		05702	
			200/250	9		02802		02822		02702	
		3P+N+E	>50(100-300Hz)	10		07882		07892		07782	
			>50(301-500Hz)	2		07803		07823		07703	
			57/100 75/130	4		01803		01823		01703	
			200/346 240/415	6		03803		03823		03703	
			277/480 288/500	7		05803		05823		05703	
			120/208 144/250	9		02803		02823		02703	
IP66 IP67	32A	2P+E	>50(301-500Hz)	2		07804		07824		07704	
			100/130	4		01804		01824		01704	
			200/250	6		02804		02824		02704	
			480/500	7		05804		05824		05704	
			380/415	9		03804		03824		03704	
		3P+E	>50(301-500Hz)	2		07805		07825		07705	
			440 (60Hz)	3		07815		07835		07715	
			100/130	4		01805		01825		01705	
			380/415	6		03805		03825		03705	
			480/500	7		05805		05825		05705	
		3P+N+E	200/250	9		02805		02825		02705	
			>50(100-300Hz)	10		07885		07895		07785	
			>50(301-500Hz)	2		07806		07826		07706	
			57/100 75/130	4		01806		01826		01706	
			200/346 240/415	6		03806		03826		03706	
			277/480 288/500	7		05806		05826		05706	
			120/208 144/250	9		02806		02826		02706	
IP67	63A	2P+E	100/130	4		01851		01871		01751	
			200/250	6		02851	02853*	02871	02876*	02751	02753*
		3P+E	380/415	6		03852	03854*	03872	03871*	03752	03758*
			480/500	7		05852		05872		05752	
		3P+N+E	200/250	9		02852		02872		02752	
IP67	125A	2P+E	200/346 240/415	6		03853	03857*	03873	03874*	03753	03754*
			100/130	4		01854		01874		01754	
		3P+E	200/250	6		02854	02856*	02874	02877*	02754	02756*
			380/415	6		03855	03858*	03875	03877*	03755	03759*
			480/500	7		05855		05875		05755	
			200/250	9		02855		02875		02755	
		3P+N+E	200/346 240/415	6		03856	03859*	03876	03878*	03756	03757*

Available with nickel-plated contacts for marine environments. Ask us about price and delivery terms.

See dimensions on pages: 314 - 315.

* Sockets with pilot contact.

IP66-IP67 low voltage plugs



IP	I	Poles	Voltage [V]	Time code		Wander plugs	Flush-fit plugs*	Wall plugs
						Reference No.	Reference No.	Reference No.
IP66 IP67	16A	2P+E	>50(301-500Hz)	2		07601	-	-
			100/130	4		01601	01611	01621
			200/250	6		02601	02611	02621
			480/500	7		05601	-	-
			380/415	9		03601	-	-
		3P+E	>50(301-500Hz)	2		07602	-	-
			100/130	4		01602	-	-
			380/415	6		03602	03612	03622
			480/500	7		05602	05612	05622
			200/250	9		02602	02612	02622
		3P+N+E	>50(100-300Hz)	10		07682	-	-
			>50(301-500Hz)	2		07603	-	-
			57/100 75/130	4		01603	-	-
			200/346 240/415	6		03603	03613	03623
			277/480 288/500	7		05603	-	-
			120/208 144/250	9		02603	-	-
IP66 IP67	32A	2P+E	>50(301-500Hz)	2		07604	-	-
			100/130	4		01604	01614	01624
			200/250	6		02604	02614	02624
			480/500	7		05604	-	-
			380/415	9		03604	-	-
		3P+E	>50(301-500Hz)	2		07605	-	-
			440 (60Hz)	3		07615	-	-
			100/130	4		01605	-	-
			380/415	6		03605	03615	03625
			480/500	7		05605	05615	05625
			200/250	9		02605	02615	02625
		3P+N+E	>50(100-300Hz)	10		07685	-	-
			>50(301-500Hz)	2		07606	-	-
			57/100 75/130	4		01606	-	-
			200/346 240/415	6		03606	03616	03626
			277/480 288/500	7		05606	-	-
			120/208 144/250	9		02606	-	-
IP67	63A	2P+E	100/130	4		01651	01661	01671
			200/250	6		02651	02661	02671
		3P+E	380/415	6		03652	03662	03672
			480/500	7		05652	05662	05672
		3P+N+E	200/250	9		02652	02662	02672
IP67	125A	2P+E	100/130	4		01654	01664	01674
			200/250	6		02654	02664	02674
		3P+E	380/415	6		03655	03665	03675
			480/500	7		05655	05665	05675
		3P+N+E	200/250	9		02655	02665	02675
			200/346 240/415	6		03656	03666	03676

Available with nickel-plated contacts for marine environments.
Ask us about price and delivery terms.
See dimensions on pages: 315 - 317.

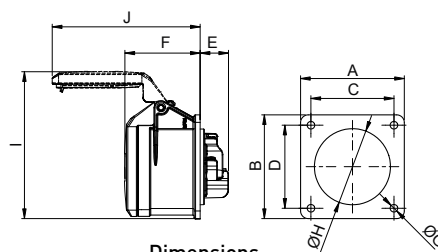
* Flush-fit plugs:
- 16 A - 32 A: Angled IP67.
- 63 A - 125 A: Sloping IP66-IP67.

LOW VOLTAGE

50/60 Hz industrial plugs and sockets dimensions

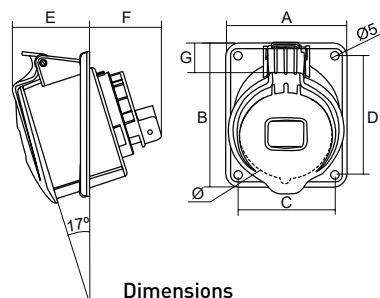
DIMENSIONS

IP44 straight flush-fit sockets



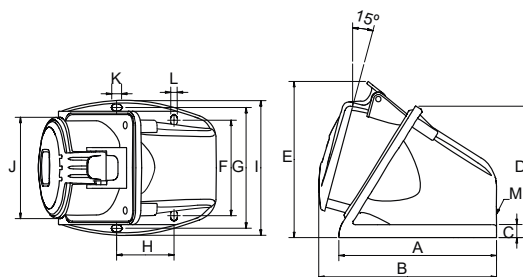
Current	Poles	(AxB)	(CxD)	E	F	G	H	I	J
16A	2P+E	70x70	56x56	21	55	5,5	43	87	101
	3P+E	70x70	56x56	21	55	5,5	45	101	101
	3P+N+E	70x70	56x56	21	55	5,5	55	105	107
32A	2P+E	70x70	56x56	23	67	5,5	55	112	122
	3P+E	70x70	56x56	23	67	5,5	55	112	122
	3P+N+E	70x70	56x56	23	67	5,5	58	108	136

IP44 sloping flush-fit sockets



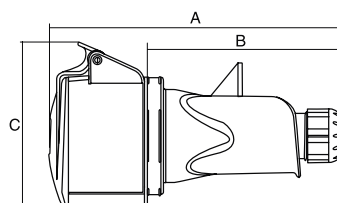
Current	Poles	A	B	C	D	E	F	Ø	G
16A	2P+E	66	83	50	65	43	43	53	17
	3P+E	66	83	50	65	43	43	60	14
	3P+N+E	80	96	64	79	43	47	66	15
32A	2P+E	80	96	64	79	50	51	68	14
	3P+E	80	96	64	79	50	51	68	14
	3P+N+E	80	96	64	79	50	51	74	11

IP44 wall sockets



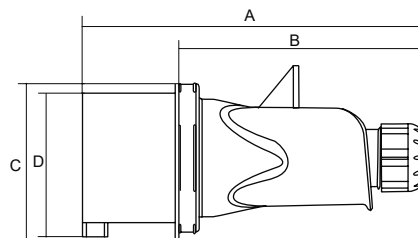
Current	Poles	A	B	C	D	E	F	G	H	I	J	K	L	M
16A	2P+E	100	109	10	88	98	53.6	76.6	40	87	55.5	8	5	M25x1.5
	3P+E	100	109	10	88	103	53.6	76.6	40	87	61.8	8	5	M25x1.5
	3P+N+E	118	127	10	99	117	71.6	90.6	43	101	70	8	5	M25x1.5
32A	2P+E	118	132	10	99	117	71.6	90.6	43	101	70	8	5	M25x1.5
	3P+E	118	132	10	99	117	71.6	90.6	43	101	70	8	5	M25x1.5
	3P+N+E	118	132	10	99	120	71.6	90.6	43	101	76.7	8	5	M25x1.5

IP44 wander sockets



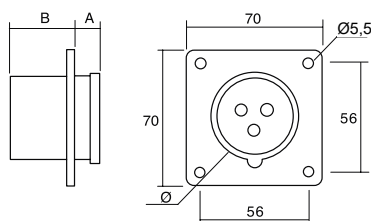
Current	Poles	Dimensions		
		A	B	C
16A	2P+E	151	96	82
	3P+E	156	106	86
	3P+N+E	161	111	98
32A	2P+E	171	111	98
	3P+E	171	111	98
	3P+N+E	178	118	102

IP44 wander plugs



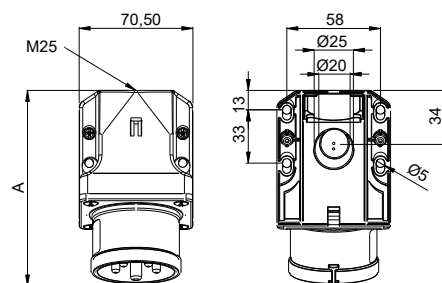
Current	Poles	Dimensions			
		A	B	C	D
16A	2P+E	134	96	55	54
	3P+E	144	106	61	58
	3P+N+E	149	111	69	66
32A	2P+E	156	111	72	66
	3P+E	156	111	72	66
	3P+N+E	163	118	78	72

IP44 straight flush-fit plugs



Current	Poles	Dimensions		
		A	B	Ø
16A	2P+E	21	42	43
	3P+E	21	42	45
	3P+N+E	20	42	55
32A	2P+E	21	51	55
	3P+E	21	51	55
	3P+N+E	21	51	55

IP44 wall plugs



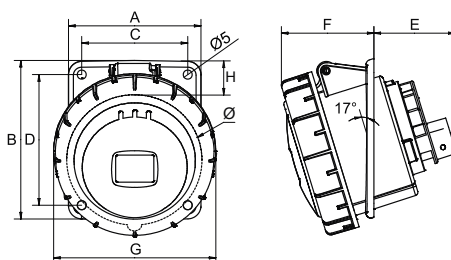
B= Height. 15°= Slope

Current	Poles	Dimensions		
		A	B	M
16A	2P+E	120	76	25
	3P+E	121	76	25
	3P+N+E	122	79	25
32A	2P+E	131	82	25
	3P+E	131	82	25
	3P+N+E	132	85	25

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IP66-IP67 sloping flush-fit sockets



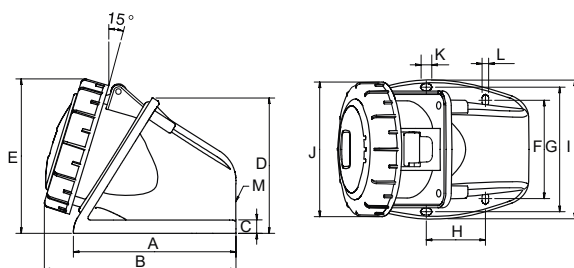
Current

Poles

Dimensions

		A	B	C	D	E	F	G	H	Ø Oblong (H X W)
16A	2P+E	66	83	50	65	43	50	69	17	53
	3P+E	66	83	50	65	43	50	77	14	60
	3P+N+E	80	98	64	79	43	50	89	15	66
32A	2P+E	80	96	64	79	50	56	89	14	68
	3P+E	80	96	64	79	50	56	89	14	68
	3P+N+E	80	96	64	79	50	56	98	11	74
63A	2P+E	100	112	80	88	64	80	109	-	92x82
	3P+E	100	112	80	88	64	80	109	-	92x82
	3P+N+E	100	112	80	88	64	80	109	-	92x82
125A	2P+E	120	130	100	108	92	77	124	-	102x90
	3P+E	120	130	100	108	92	77	124	-	102x90
	3P+N+E	120	130	100	108	92	77	124	-	102x90

IP66-IP67 wall sockets



Current

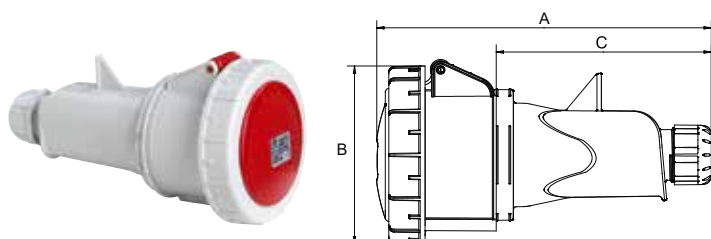
Poles

Dimensions

		A	B	C	D	E	F	G	H	I	J	K	L	M
16A	2P+E	100	117	10	88	90	53.6	76.6	40	87	69	8	5	M25x1.5
	3P+E	100	117	10	88	95	53.6	76.6	40	87	77	8	5	M25x1.5
	3P+N+E	118	135	10	99	108	71.6	76.6	43	101	89	8	5	M25x1.5
32A	2P+E	118	140	10	99	108	71.6	90.6	43	101	89	8	5	M25x1.5
	3P+E	118	140	10	99	108	71.6	90.6	43	101	89	8	5	M25x1.5
	3P+N+E	118	140	10	99	111	71.6	90.6	43	101	98	8	5	M25x1.5
63A	2P+E	170	213	-	-	173	104	-	136	118	-	-	6	M40+2xM32
	3P+E	170	213	-	-	173	104	-	136	118	-	-	6	M40+2xM32
	3P+N+E	170	213	-	-	173	104	-	136	118	-	-	6	M40+2xM32
125A	2P+E	262	322	-	-	205	140	-	240	162	-	-	8	M63+2xM40
	3P+E	262	322	-	-	205	140	-	240	162	-	-	8	M63+2xM40
	3P+N+E	262	322	-	-	205	140	-	240	162	-	-	8	M63+2xM40

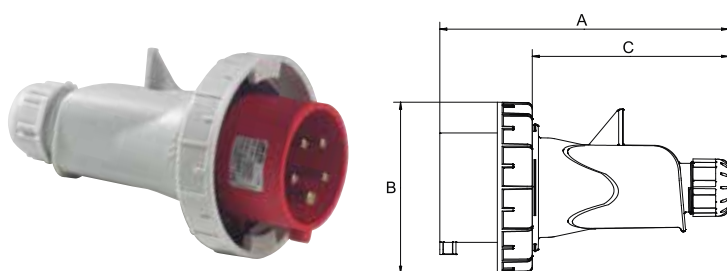
Photo and drawing representative for 16/32A.

IP66-IP67 wander sockets



Current	Poles	Dimensions		
		A	B	C
16A	2P+E	156	69	96
	3P+E	160	77	106
	3P+N+E	172	89	111
32A	2P+E	182	89	111
	3P+E	182	89	111
	3P+N+E	189	98	118
63A	2P+E	269	114	-
	3P+E	269	114	-
	3P+N+E	269	114	-
125A	2P+E	287	124	-
	3P+E	287	124	-
	3P+N+E	287	124	-

IP66-IP67 wander plugs

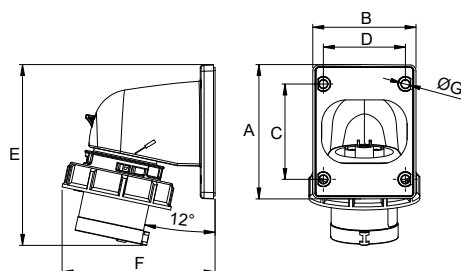


Current	Poles	Dimensions		
		A	B	C
16A	2P+E	134	69	96
	3P+E	144	77	106
	3P+N+E	149	89	111
32A	2P+E	156	89	111
	3P+E	156	89	111
	3P+N+E	163	98	118
63A	2P+E	257	114	-
	3P+E	257	114	-
	3P+N+E	257	114	-
125A	2P+E	270	131	-
	3P+E	270	131	-
	3P+N+E	270	131	-

LOW VOLTAGE

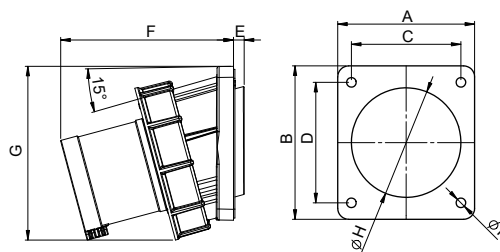
50/60 Hz industrial plugs and sockets dimensions

IP67 angled flush-fit plugs



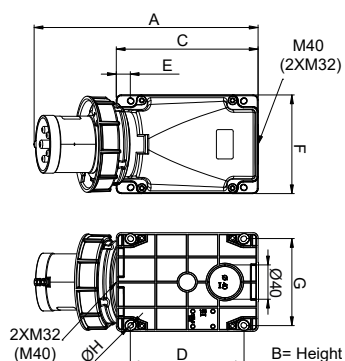
Current	Poles	Dimensions						
		A	B	C	D	E	F	G
16A	2P+E	86	66	61	53	116	99	5
	3P+E	86	66	61	53	117	103	5
	3P+N+E	100	90	85	77	153	107	5
32A	2P+E	100	90	85	77	163	110	5
	3P+E	100	90	85	77	163	110	5
	3P+N+E	100	90	85	77	164	114	5

IP66-IP67 sloping flush-fit plugs



Current	Poles	Dimensions								
		A	B	C	D	E	F	G	H	I
63A	2P+E	100	112	80	88	8	127	127	80	7
	3P+E	100	112	80	88	8	127	127	80	7
	3P+N+E	100	112	80	88	8	127	127	80	7
125A	2P+E	120	130	100	108	8	139	145	100	7
	3P+E	120	130	100	108	8	139	145	100	7
	3P+N+E	120	130	100	108	8	139	145	100	7

IP66-IP67 wall plugs



Current	Poles	Dimensions							
		A	B	C	D	E	F	G	ØH
16A	2P+E	136	99	103	47	-	71	70	5
	3P+E	138	94	100	47	-	79	70	5
	3P+N+E	140	100	103	47	-	87	70	5
32A	2P+E	150	104	103	47	-	93	70	5
	3P+E	153	104	103	47	-	93	70	5
	3P+N+E	152	102	103	47	-	102	70	5
63A	2P+E	271	175	170	136	17	118	104	6
	3P+E	271	175	170	136	17	118	104	6
	3P+N+E	271	175	170	136	17	118	104	6
125A	2P+E	387	209	262	240	11	162	142	8
	3P+E	387	209	262	240	11	162	142	8
	3P+N+E	387	209	262	240	11	162	142	8

Hose diameters for IP44-IP67 plugs and sockets

Current	Poles	Dimensions	
		MINIMUM DIAMETER (mm)	MAXIMUM DIAMETER (mm)
16A	2P+E	8.1	13
	3P+E	8.8	14
	3P+N+E	10	15.3
32A	2P+E	11	17.3
	3P+E	12.5	19.3