

LPA NIPHAN SYSTEMS



Long Life Reliability
does not cost the earth



NIPHAN
INDUSTRIAL
CONNECTORS

www.lpa-group.com

NOTES

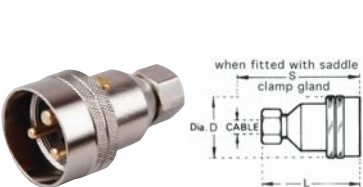
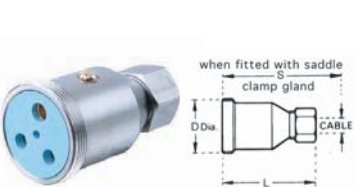
- * Gland Type:
 - A with gland nut
 - B with saddle clamp gland (for this option add suffix '/A36' to 'A' type part number)
- + For all poles insulated - ie earth pin not connected to case add suffix '/INS'

PCD fixing hole pitch centre diameter

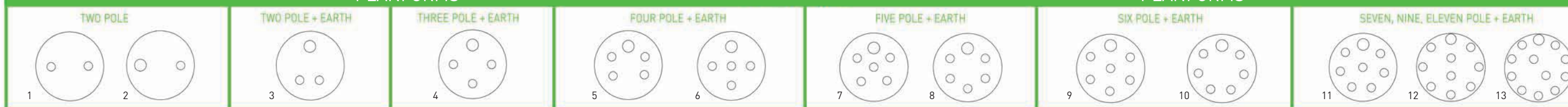
d fixing hole diameter

For Planform 2 add suffix '/odd'

All dimensions shown are in mm

																																								
GUARD RING PLUG						TRAILING SOCKET						FLANGE SOCKET TYPE A						FLANGE SOCKET TYPE B						APPLIANCE INLET						CONDUIT BOX										
AMPS	PART NO	DIMENSIONS			GLAND TYPE	AMPS	PART NO	DIMENSIONS			GLAND TYPE	AMPS	PART NO	DIMENSIONS		FIXING HOLES		NO	AMPS	PART NO	DIMENSIONS		FIXING HOLES		NO	PART NO	DIMENSIONS		FIXING HOLES		NO	PART NO	DIMENSIONS		FIXING HOLES		NO			
		D	L	S				D	L	S				D	H	D	PCD				D	H	D	PCD			D	H	D	CD			STD	D	H	D		A	B	
5	X2P/ODD	26	40	52	A	5	X2J	23	45	54	A	5	X2A/ODD	38	35	3.2	28.6	3	5	X2B/ODD	65	35	5	50.8	5	X2Q	38	43	3.2	28.6	3									
10	12S#	35	57	69	A	10	12J	35	57	69	A	10	12A	46	38	4.0	36.5	3	10	12B	65	38	5	50.8	10	12R	46	51	3.0	36.5	3	1274	45	30	5.5	17.5	24.0	2		
15	22S#	43	80	92	A	15	22J	37	70	82	A	15	22A	57	50	5.2	47.6	3	15	22B	65	50	5	50.8	15	22R	57	70	3.0	47.6	3	16302	58	30	5.5	20.0	23.5	2		
5	X3P	26	40	52	A	5	X3J	23	45	54	A	5	X3A	38	35	3.2	28.6	3	5	X3B	65	35	5	50.8	5	X3R	38	43	3.2	28.6	3									
10	13S	35	57	69	A	10	13J	35	57	69	A	10	13A	46	38	4.0	36.5	3	10	13B	65	38	5	50.8	10	13R	46	51	4.0	36.5	3	1274	45	30	5.5	17.5	24.0	2		
15	23S	43	80	94	A	15	23J	37	70	82	A	15	23A	57	50	5.2	47.6	3	15	23B	65	50	5	50.8	15	23R	57	70	5.2	47.6	3	16302	58	30	5.5	20.0	23.5	2		
30	33S	56	92	102	A	30	33J	58	84	98	A	30	33A	65	59	5.2	54.0	3	30	33B	65	59	5	50.8	30	33R	65	76	5.2	54	3	2766	65	36	6.5	22	34.5	2		
50	43S	65	108	120	A	50	43J	55	80	92	A	50	43A	79	70	5.2	66.7	3							50	43R	78	80	5.2	66.7	3	1169	81	40	8	36	36	2		
60	93S	89	N/A	145	B	60	93J	73	N/A	137	B	60	93A	96	78	6.6	82.6	3							60	93R	96	90	6.6	82.6	3	2333	96	59	9.5	38	44.5	4		
100	53S	89	N/A	180	B	100	53J	86	N/A	160	B	100	53A	96	96	6.6	82.6	3							100	53R	96	100	6.6	82.6	3	2333	96	59	9.5	38	44.5	4		
10	X4S	35	57	69	A	10	X4J	37	70	82	A	10	X4A	46	38	4	36.5	3	10	X4B	65	38	5	50.8	10	X4R	46	51	4.0	36.5	3	1274	45	30	5.5	17.5	24	2		
15	64S	54	77	89	A	15	64J	46	75	87	A	15	64A	65	54	5.2	53.4	3	15	64B	65	54	5	50.8	15	64R	65	76	5.2	54	3	2766	65	36	6.5	22	34.5	2		
30	74S	56	92	102	A	30	74J	58	84	98	A	30	74A	65	59	5.2	53.4	3	30	74B	65	59	5	50.8	30	74R	65	76	5.2	54	3	2766	65	36	6.5	22	34.5	2		
60	94S	89	N/A	145	B	60	94J	73	N/A	137	B	60	94A	96	96	6.6	82.6	3							60	94R	96	90	6.6	82.6	3	2333	96	59	9.5	38	44.5	4		
100	C4S	133	N/A	215	B	100	C4J	88	N/A	215	B	100	C4A	115	100	7.9	96.8	4							100	C4R	115	132	7.9	96.8	4									
10	X5S	43	80	94	A	10	X5J	37	70	82	A	10	X5A	57	50	5.2	47.6	3	10	X5B	65	50	5	50.8	10	X5R	57	70	5.2	47.6	3	16302	58	30	5.5	20	23.5	2		
15	65S	54	77	89	A	15	65J	46	75	87	A	15	65A	65	54	5.2	54.0	3	15	65B	65	54	5	50.8	15	65R	65	76	5.2	54	3	2766	65	36	6.5	22	34.5	2		
15	15P	67	80	92	A	15	15J	55	80	92	A	15	15A	78	57	5.2	66.7	3							15	15Q	78	53	5.2	66.7	3	1169	81	40	8	36	36	2		
30	75S	65	108	120	A	30	75J	55	88	100	A	30	75A	78	70	5.2	66.7	3							30	75R	78	80	5.2	66.7	3	1169	81	40	8	36	36	2		
50	85P	83	N/A	126	B	50	85J	73	N/A	145	B	50	85A	96	88	6.6	82.6	3							50	85Q	96	90	6.6	82.6	3	2333	96	59	9.5	38	44.5	4		
60	95P	121	N/A	162	B	60	95J	88	N/A	155	B	60	95A	115	83	7.9	96.8	4							60	95Q	115	95	7.9	96.8	4									
100	C5S	133	N/A	220	B	100	C5J	102	N/A	210	B	100	C5A	126	112	7.9	108.0	4							100	C5R	126	132	7.9	108	4									
250	N52/05	235	N/A	315	B							250	N55/05	406	350	11.1	177.8	6																						
10	X6S	43	80	94	A	10	X6J	37	70	82	A	10	X6A	57	50	5.2	47.6	3	10	X6B	65	50	5	50.8	10	X6R	57	70	5.2	47.6	3	16302	58	30	5.5	20	23.5	2		
30	76P	83	N/A	126	B	30	76J	73	N/A	145	B	30	76A	96	88	6.6	82.5	3							30	76Q	96	92	6.7	82.6	3	2333	96	59	9.5	38	44.5	4		
10	X7S/24531	43	N/A	82	B	10	X7J/16143	43	80	94	A														10	X7R/16142	57	43	5.2	47.6	3	16302	58	30	5.5	20	23.5	2		
10	17P	67	83	93	A	10	17J	55	80	92	A	10	17A	78	57	5.2	66.7	3							10	17Q	78	53	5.2	66.7	3	1169	81	40	8	36	36	2		
30	77P	83	N/A	145	B	30	77J	73	N/A	145	B	30	77A	96	88	6.6	82.6	3							30	77Q	96	92	6.6	82.6	4	2333	96	59	9.5	38	44.5	4		
60	97P	121	N/A	162	B	60	97J	88	N/A	155	B	60	97A	115	83	7.9	96.8	4							60	97Q	115	95	7.9	96.8	N/A									
10	18P	67	83	93	A	10	18J	55	80	92	A	10	18A	78	57	5.2	66.7	3							10	18Q	78	53	5.2	66.7	3	1169	81	40	8	36	36	2		
10	X10P	67	83	93	A	10	X10J	55	80	92	A	10	X10A	78	57	5.2	66.7	3							10	X10Q	78	53	5.2	66.7	3	1169	81	40	8	36	36	2		
10	112P	85	N/A	124	B	10	112J	73	N/A	118	B	10	112A	96	64	6.6	82.6	3							10	112Q	96	72	6.7	82.6	3	1169	81	40	8	36	36	2		

PLANFORMS



The reliability of the Niphan Standard range of Industrial Plugs and Sockets has been proven over many years in arduous environments worldwide. From above ground mining applications to dockside cranes to the Channel Tunnel to London's underground stations, the range continues to be the first choice of specifiers and users.



FEATURES

- No special tools required
- Simple installation and maintenance screw driver
- Compact and robust
- Metal clad
- IP66 rating achievable
- NATO approved
- Up to 12 poles, 500v, 500 amps
- Unique pin configurations
- Guard ring on plug
- Good fire performance
- Low smoke and toxicity
- Can act as fire barrier
- Halogen and cadmium free
- Pinch screw terminals
- Electroless Nickel Plated Brass case work
- Long life sprung contacts
- Wide operating temperatures



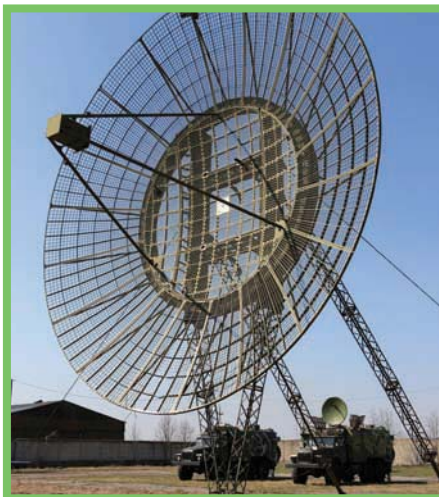
INTERLOCKED SWITCH SOCKET OUTLET



- Double Interlocked
- 4 Pole & Earth
- 250 Amp
- Part No NS25054

TYPICAL APPLICATIONS

- Hostile environments
- Environments requiring good fire performance
- Metro and underground lighting ventilation and plant
- Rail vehicles and rail infrastructure
- Tunnel lighting and ventilation
- Military vehicles and equipment
- Marine offshore installations & equipment
- Port and airport infrastructure
- Dockside cranes
- Temporary power supply
- Temporary traffic lights and control
- Shore to ship power supply
- Process plant, chemical and food production
- Plant & equipment





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