

Hypra® plugs and sockets IP 44 - ELV 16 A and LV 16/32/63 A

selection chart

HYPRAS® PLUGS AND SOCKETS IP 44 - ELV 16 A AND LV 16/32/63 A												
Conform to : BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2 IP 44 according to BS EN 60529 and IEC 60529 IK 09 plastic IK 10 metal according to BS EN 62262 and IEC 62262 Self-extinguishing : 850 °C for insulated parts 650 °C for housing - conforms to BS EN 60695-2-10 and IEC 60695-2-10 Temp. rating : -50 °C to +100 °C Technical information and dimensions p. 165-167			PANEL MOUNTING SOCKETS			SURFACE MOUNTING SOCKETS		THROUGH ENTRY SURFACE MOUNTING SOCKETS	MOBILE SOCKETS	STRAIGHT PLUGS	PANEL APPLIANCE INLETS	
ELV			METAL	PLASTIC	MODULAR ¹	METAL	PLASTIC	PLASTIC	PLASTIC	PLASTIC	PLASTIC	
20 to 25 V 50/60 Hz	16 A	2 P	-	0524 01	-	-	0524 01+ 0524 19	-	0524 61	0524 21	-	
		3 P	-	0524 02	-	-	0524 02+ 0524 19	-	0524 62	0524 22	-	
20 to 50 V D.C. ≍	16 A	2 P	-	0524 05	-	-	0524 05+ 0524 19	-	-	0524 25	-	
LV												
100 to 130 V 50/60 Hz	16 A	2 P + ⊥	0519 30	0519 20	0519 19	-	0519 20+ 0520 29	0519 20+ 0520 89	0519 80	0519 40	0519 70	
200 to 250 V 50/60 Hz	16 A	2 P + ⊥	0520 32	0520 22	0520 18	-	0520 22+ 0520 29	0520 22+ 0520 89	0520 82	0520 42	0521 72	
		3 P + ⊥	0520 33	0520 23	0520 19	-	0520 23+ 0522 29	0520 23+ 0522 89	0520 83	0520 43	0520 73	
		3 P + N + ⊥	0520 34	0520 24	-	-	0520 24+ 0522 29	0520 24+ 0522 89	0520 84	0520 44	-	
	32 A	2 P + ⊥	0527 32	-	0527 18	-	0527 18+ 0529 40	0527 18+ 0529 90	0527 82	0527 42	0528 72	
3 P + ⊥		0527 33	-	0527 19	-	0527 19+ 0529 40	0527 19+ 0529 90	0527 83	0527 43	-		
380 to 415 V 50/60 Hz	16 A	3 P + ⊥	0522 33	0522 23	0522 19	0522 33+ 0522 39	0522 23+ 0522 29	0522 23+ 0522 89	0522 83	0522 43	0521 73	
		3 P + N + ⊥	0522 34	0522 24	0522 20	0522 34+ 0522 39	0522 24+ 0522 29	0522 24+ 0522 89	0522 84	0522 44	0521 74	
	32 A	3 P + ⊥	0529 33	-	0529 19	0529 33+ 0529 39	0529 19+ 0529 40	0529 19+ 0529 90	0529 83	0529 43	0528 73	
		3 P + N + ⊥	0529 34	-	0529 20	0529 34+ 0529 39	0529 20+ 0529 40	0529 20+ 0529 90	0529 84	0529 44	0528 74	
	63 A	3 P + ⊥	0538 33	0538 23	-	-	-	-	0538 83	0538 43	0537 73	
		3 P + N + ⊥	0538 34	0538 24	-	-	0537 24	-	0538 84	0538 44	0537 74	

1 : Modular sockets are manufactured from plastic with 70 x 70 mm fixing centres

For pack quantities, p. 163-164

Modular sockets have 70 x 70mm fixing centres across 16 A and 32 A range
p. 163-164



APPLIANCE INLET COVERS

Conform to :
BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2
 Material : Rubber
 Self-extinguishing : 650 °C
 Temp. rating : -20 °C to +40 °C



Dimensions
p. 166

		Pack	Cat. Nos.
16 A	2 P + ⊥	10	0521 25
	3 P + ⊥	5	0521 26
	3 P + N + ⊥	5	0521 27
32 A	2 P + ⊥	5	0521 27
	3 P + ⊥	5	0521 27
	3 P + N + ⊥	5	0527 99
63 A	3 P + ⊥	5	0536 99
	3 P + N + ⊥	5	0536 99

Hypra® IP 44 - ELV 16 A and LV 16 A

metal and plastic plugs and sockets



0520 22



0522 19



0522 44



0524 61



0520 82



0521 73 + 0522 89



0522 33 + 0522 39

Technical information and dimensions **p. 165-167**
Conformity to International Standards **p. 198**

Conform to BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2
IP 44 according to BS EN 60529 and IEC 60529

IK 09 plastic

IK 10 metal according to BS EN 62262 and IEC 62262

Self-extinguishing : 850 °C for insulated parts

650 °C for housing - conforms to BS EN 60695-2-10 and IEC 60695-2-10

Temp. rating : -50 °C to +100 °C

Nickel plated brass contacts

Pack Cat. Nos. Panel mounting sockets 16 A

Pack	ELV		Voltage
	Metal	Plastic	
5 1		0524 01	2 P
		0524 02	3 P
			20 to 50 V_~
1		0524 05	2 P
1	LV		Voltage
	Metal	Plastic	
	0519 30	0519 20	2 P + ⊥
			100 to 130 V_~
			200 to 250 V_~
1 5	0520 32	0520 22	2 P + ⊥
1	0520 33	0520 23	3 P + ⊥
1	0520 34	0520 24	3 P + N + ⊥
			380 to 415 V_~
1 5	0522 33	0522 23	3 P + ⊥
1	0522 34	0522 24	3 P + N + ⊥
	Plastic modular		100 to 130 V_~
1	0519 19		2 P + ⊥
			200 to 250 V_~
5	0520 18		2 P + ⊥
1	0520 19		3 P + ⊥
			380 to 415 V_~
5	0522 19		3 P + ⊥
1	0522 20		3 P + N + ⊥

Mobile sockets 16 A

Pack	ELV		Voltage
	Metal	Plastic	
1		0524 61	2 P
1		0524 62	3 P
	LV		Voltage
	Plastic		
1	0519 80		2 P + ⊥
			100 to 130 V_~
			200 to 250 V_~
1	0520 82		2 P + ⊥
1	0520 83		3 P + ⊥
1	0520 84		3 P + N + ⊥
			380 to 415 V_~
1	0522 83		3 P + ⊥
1	0522 84		3 P + N + ⊥

Pack Cat. Nos. Straight plugs 16 A

Pack	ELV		Voltage
	Metal	Plastic	
5		0524 21	2 P
1		0524 22	3 P
			20 to 50 V_~
1		0524 25	2 P
1	LV		Voltage
	Metal	Plastic	
	0519 40	0519 40	2 P + ⊥
			100 to 130 V_~
			200 to 250 V_~
5		0520 42	2 P + ⊥
1		0520 43	3 P + ⊥
1		0520 44	3 P + N + ⊥
			380 to 415 V_~
5		0522 43	3 P + ⊥
1		0522 44	3 P + N + ⊥

Panel appliance inlets 16 A

Pack	LV		Voltage
	Metal	Plastic	
Covers available, see opposite			
1		0519 70	2 P + ⊥
			100 to 130 V_~
			200 to 250 V_~
1		0521 72	2 P + ⊥
1		0520 73	3 P + ⊥
			380 to 415 V_~
1		0521 73	3 P + ⊥
1		0521 74	3 P + N + ⊥

Back boxes

Pack	Metal		Voltage
	Metal	Plastic	
5		0524 19	For ELV 2 P / 3 P sockets
5		0520 29	For LV 16 A 2 P + ⊥ sockets
5	0522 39	0522 29	For LV 16 A 3 P + ⊥ / 3 P + N + ⊥ sockets
Through entry surface mounting boxes			
1		0520 89	For LV 16 A 2 P + ⊥ sockets
5		0522 89	For LV 16 A 3 P + ⊥ / 3 P + N + ⊥ sockets

Appliance inlet covers

10	0521 25	For LV 16 A 2 P + ⊥ appliance inlets
5	0521 26	For LV 16 A 3 P + ⊥ appliance inlets
5	0521 27	For LV 16 A 3 P + N + ⊥ appliance inlets

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