

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

## selection chart

HYPR A® PLUGS AND SOCKETS IP 44 - ELV 16 A AND LV 16/32/63 A												
Conform to : <b>BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2</b> <b>IP 44 according to BS EN 60529 and IEC 60529</b> <b>IK 09 plastic</b> <b>IK 10 metal according to BS EN 62262 and IEC 62262</b> 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 <b>p. 165-167</b>			PANEL MOUNTING SOCKETS			SURFACE MOUNTING SOCKETS		THROUGH ENTRY SURFACE MOUNTING SOCKETS	MOBILE SOCKETS	STRAIGHT PLUGS	PANEL APPLIANCE INLETS	
ELV			METAL	PLASTIC	MODULAR <sup>1</sup>	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	
	ELV			
	Metal	Plastic		20 to 25 V~
5		0524 01	2 P	
1		0524 02	3 P	
				20 to 50 V~
1		0524 05	2 P	
	LV			
	Metal	Plastic		100 to 130 V~
1	0519 30	0519 20	2 P + ⊥	
				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 + ⊥	

Pack	Cat. Nos.		Mobile sockets 16 A	
	ELV			
	Plastic			20 to 25 V~
1		0524 61	2 P	
1		0524 62	3 P	
	LV			
	Plastic			100 to 130 V~
1		0519 80	2 P + ⊥	
				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	
	ELV			
	Plastic			20 to 25 V~
5		0524 21	2 P	
1		0524 22	3 P	
				20 to 50 V~
1		0524 25	2 P	
	LV			
	Plastic			100 to 130 V~
1		0519 40	2 P + ⊥	
				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 + ⊥	

Pack	Cat. Nos.		Panel appliance inlets 16 A	
	LV			
	Plastic		Covers available, see opposite	
				100 to 130 V~
1		0519 70	2 P + ⊥	
				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 + ⊥	

Pack	Cat. Nos.		Back boxes	
	Metal		<b>Surface mounting boxes</b>	
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	
	Plastic		<b>Through entry surface mounting boxes</b>	
1		0520 89	For LV 16 A 2 P + ⊥ sockets	
5		0522 89	For LV 16 A 3 P + ⊥ / 3 P + N + ⊥ sockets	

Pack	Cat. Nos.		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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