

industrial plugs and sockets to International Standards

Conform to BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2

Voltage identification

Colours specified by standards and the clock indexing of the contact tubes in socket outlets

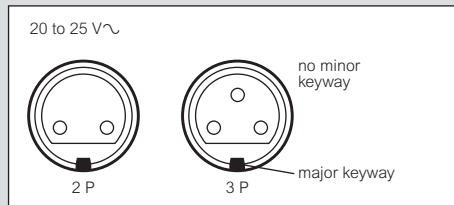
With Legrand Hypra and P 17 Tempra industrial plugs and sockets, your installations will comply fully with international standards :

- Standard IEC 60309-1 : this defines the safety regulations (protection of workers) which should be observed in the manufacture of industrial power sockets and plugs
- Standard IEC 60309-2 : this defines the interchangeability regulations for the dimensions of equipment with pins and sockets

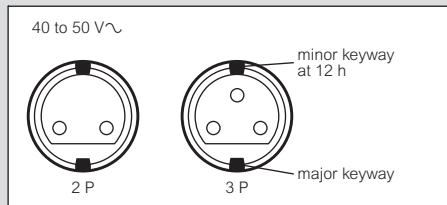
These safety regulations, together with the requirements of standard BS EN 60309-1, define the safety conditions necessary for normal operation. It is prudent to go one step further and insist on equipment which ensures the safety of the persons as a priority as well as ease of operation. Many manufacturers therefore use sockets which incorporate a switch, to avoid on-load disconnection (eg : Hypra Prisinter).

ELV by position of the minor keyway

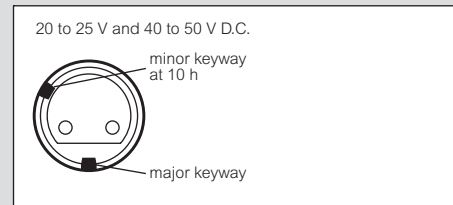
24 V \sim 50 – 60 Hz Violet



42 V \sim 50 – 60 Hz White

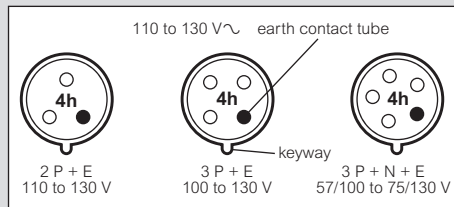


42 V \equiv White

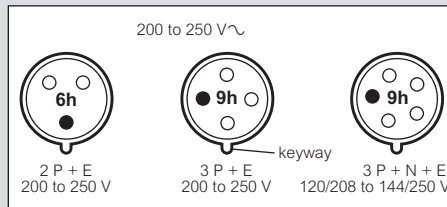


LV by the position of the earth contact tube in relation to the major keyway in the socket outlets

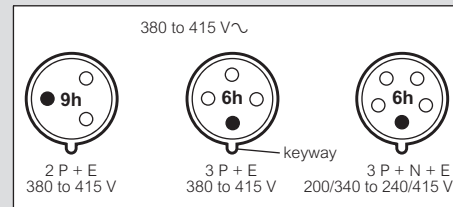
110 V \sim 50 – 60 Hz Yellow



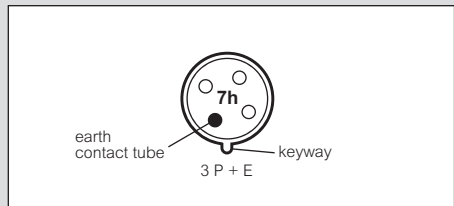
230 V \sim 50 – 60 Hz Blue



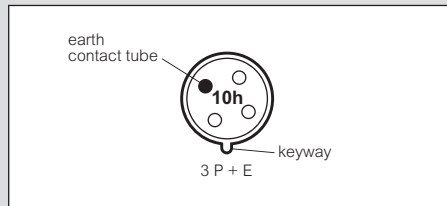
400 V \sim 50 – 60 Hz Red



500 V \sim 50 – 60 Hz Black



> 50 to 500 V \sim
100 to 300 Hz inclusive Green



Terminal connection capacity, Prisinter rating and contact sizes

• Terminal connection capacity

	Hypra/P 17 Tempra
ELV 16/32 A	1 x 10 mm (A + B)
LV 16 A	1 x 4 mm (A) 1 x 2.5 mm (B)
LV 32 A	1 x 10 mm (A) 1 x 6 mm (B)
LV 63 A	1 x 25 mm (A) 1 x 16 mm (B)
LV 125 A	1 x 70 mm (A) 1 x 50 mm (B)

• Hypra Prisinter breaking capacity for 3 x 400 V \sim according to IEC 60947-1-3

Category	16 A	32 A	63 A
AC 1	16 A	32 A	63 A
AC 23	8.4 kW	16.8 kW	33 kW
AC 3	8.4 kW	16.8 kW	33 kW

• Diameters of pins or contact tubes (mm)

		16 A	32 A	63 A	125 A
24 V \sim 42 V \sim 42 V \equiv	Phase	6	6	–	–
	Phase + Neutral	5	6	8	10
110 V \sim 230 V \sim 400 V \sim 440 V \sim 500 V \sim	Earth	7	8	10	12
	Pilot	–	–	6	6

(A) Panel mounting sockets
(B) Mobile sockets and plugs