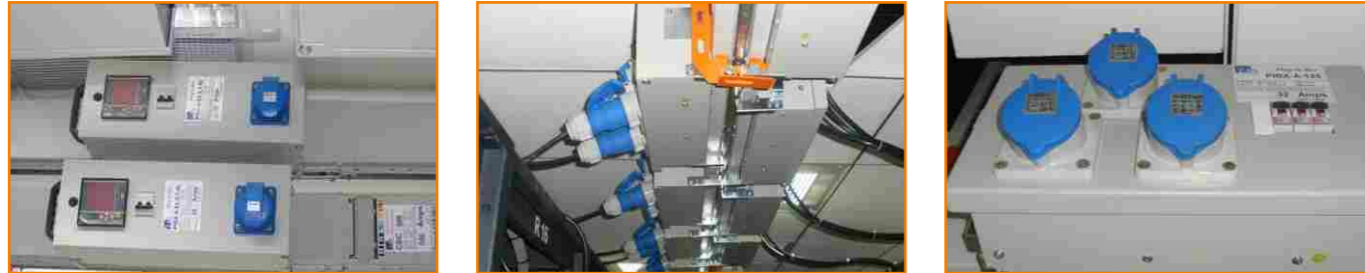


Product  
Applications



Application Matrix

Sector	Environment	Typical System	Socket nominal currents (A)	Recommended installation
Commercial	Data Processing Centres	Connection of "big" processors with 1n > 3.5 mA	16	Flush-mounting IP 44
	Public entertainment premises	Stage light connection	16 - 32	
Industrial	Maintenance departments	Movable and portable user connection	16 - 32	Surface-mounting IP 67 on Q-DIN IP 55
	Production departments	Machine tool and process machine connection	63 - 125	Surface-mounting IP 67
	Chemical industry			
Building	Construction and demolition sites	Distribution boards	16 - 32 - 63	On Q-BOX ASC
		Socket-outlet boards	16 - 32	On Q-DIN ASC
Agriculture	Greenhouses	Movable sprayers and pumps	16	Surface-mounting IP 67 on Q-DIN IP 55
	Sheds	Movable and portable user connection	16 - 32 - 63	
Tourism	Campsites	Power outlet in service area	16 - 32	On terminal 68 Q-MC Range
	Tourist harbours		16 - 125	
Domestic	Indoor	Air Conditioner Refrigeration	16 - 32	On terminal 68 Q DIN & Metal enclosures
	Outdoor	Generator, Lawnmower Garden Lighting		

Terminal Clamping Capacity

Socket or Plug nominal current	Flexible Cables		Rigid or Stranded		Possibility of clamping several wire in the same terminal
	Minimum	Maximum	Minimum	Maximum	
16A	1	2.5	1.5	4	Up to 2 flexible cables with total section not exceeding the clamping capacity
32A	2.5	6	2.5	10	
63A	6	16	6	25	
125A	16	50	25	70	



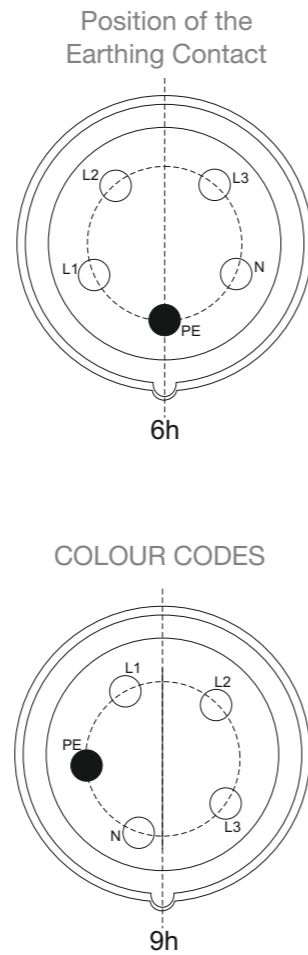
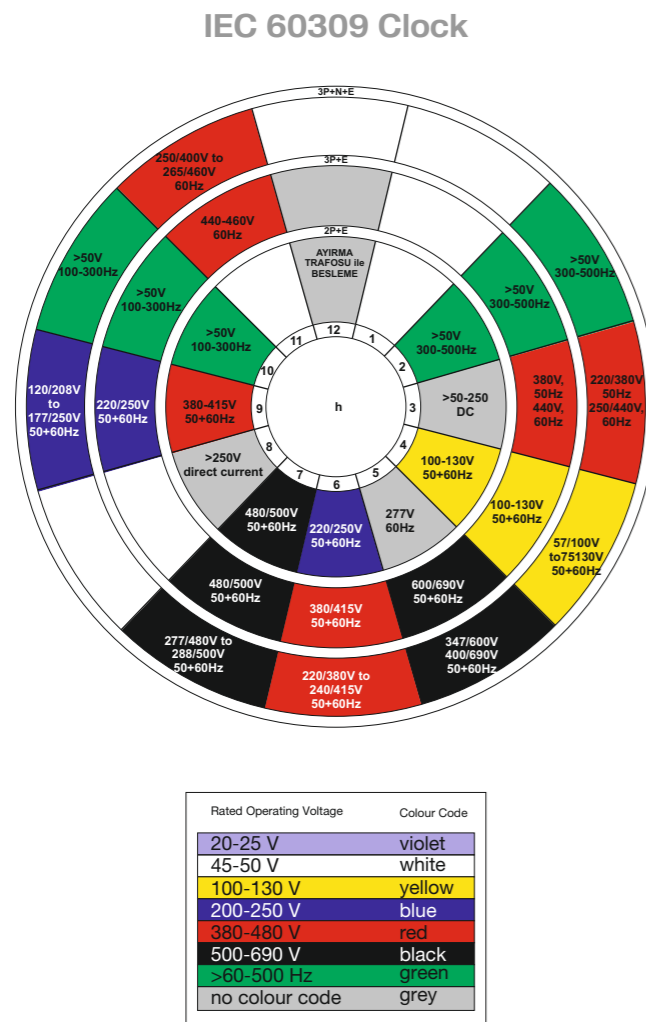
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Plug & Sockets as per IEC 60309 are designed to have main dimension applicable for Same rating, Nominal voltage, Frequency, Number poles so as to have compatibility to interchange with different make.

**Enclosure protection**

- **IP 44:** P&S protected against the splashing of water, the sockets are provided with a spring lid.
- **IP 67:** P&S protected against effects of immersion, fitted with a locking ring and bayonet coupling.

**Testing of IP category**

- Sockets, with lids closed or plug fully inserted
- Plugs, when fully inserted into the sockets

**Benefits**

- Safety through interchangeability
- High grade thermo plastic material assures:
  - Exceptional high impact resistance
  - High thermal stability
  - High insulated Quality
  - Good resistance to various chemicals
- Colour codes for easy identification of Plug & Sockets
- Locking device prevent unintended withdrawl

**IEC 60309 Series**

IP 44 & IP 67 Versions	3 PIN 240V					5 PIN 415V		
	Rating Amp	Protection Dgree	Code	Reference h	MRP	Code	Reference h	MRP
	16	IP 44	CS 62404	6	380	CS 62409	6	POR*
	32		CS 62415	6	555	CS 62420	6	525
	16	IP 67	CS 62426	6	POR*	CS 62431	6	POR*
	32		CS 62437	6	720	CS 62442	6	POR*
	63		CS 62448	6	POR*	CS 63453	6	POR*
	16	IP 44	CS 62205	6	240	CS 62210	6	310
	32		CS 62216	6	350	CS 62221	6	420
	16	IP 67	CS 62227	6	415	CS 62232	6	POR*
	32		CS 62238	6	500	CS 62243	6	590
	63		CS 63249	6	POR*	CS 63254	6	1800
	125					CS 62262	6	POR*
	16	IP 44	CS 60004	6	180	CS 60009	6	260
	32		CS 60015	6	285	CS 60020	6	380
	16	IP 44	CS 62004	6	350			
	32		CS 62015	6	595			
	16	IP 67	CS 62026	6	POR*			
	63					CS 63053	6	POR*
	16	IP 67	CS 60026	6	375	CS 60031	6	POR*
	32		CS 60037	6	540	CS 60042	6	600
	63		CS 61048	6	POR*	CS 61053	6	1600
	125					CS 60061	6	POR*

AC Distribution Box with Socket	Rating Amp	Protection Degree	Code	Reference h	Colour	MRP
	16A 3P 240V	IP 40	CS 60045	6		650
	32A 3P 240V		CS 60046	6		900
	32A 5P 415V		CS 60047	6		1200
	63A 5P 415V		CS 60048	6		3900

Switched Interlocked Socket	Code	Protection Degree	No. Poles	Version	Nominal Voltage	Reference h	Colour	MRP
	<b>Rated current (A): 16</b>							
	CS 66004 (H)	IP 44	2P+E	Surface	240 V	6		2550
	<b>Rated current (A): 32</b>							
	CS 66015 (H)	IP 44	2P+E	Surface	240 V	6		2990
	CS 66020 (H)	IP 44	3P+N+E	Surface	415 V	6		3600

POR\* - Price on request, delivery on conformation