

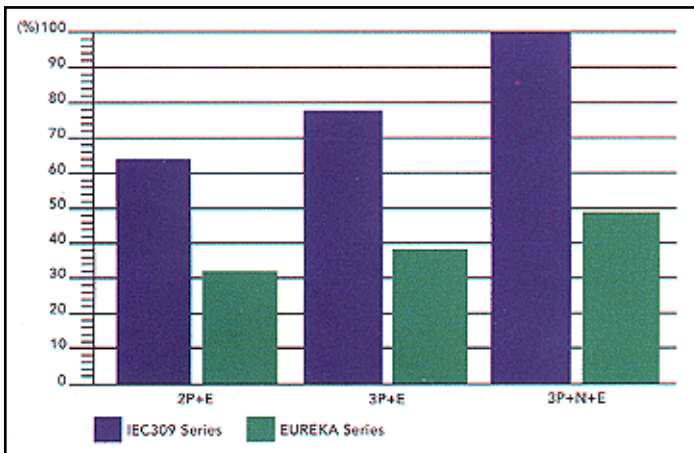


Eureka Series Industrial Plugs and Connectors

Eureka Series Industrial plugs and connectors are designed for portable or permanent connection of electrical equipment and comply with IEC 309-1 and 309-2 standard.

- Patented technical features allow quick and easy cabling.
- Colour-coded for fast identification of the rated voltage.
- Different contact configurations ensure prevention of connecting devices of different rated voltages.
- High degree of protection against the ingress of solid matter or water through the use of improved sealing methods.
- High degree of protection against harmful contacts since the earthing contact is the first to be established and the last to be broken.
- High resistance to harmful agents such as water, dirt, grease, chemicals.

Perfect watertight protection is ensured by two inclined surfaces on the grip and on the insert (protection degree IP67 is obtained by adding a suitable seal). The ergonomic shape of the body has been designed to ensure perfect grip when carrying out insertion or extraction, and the particular shape of the cable sleeve (IP44) has been designed to allow insertion of cables of a wide range of sizes without any need for adjustments or cutting. The cable compression gland (IP67) ensures protection against ingress of water.

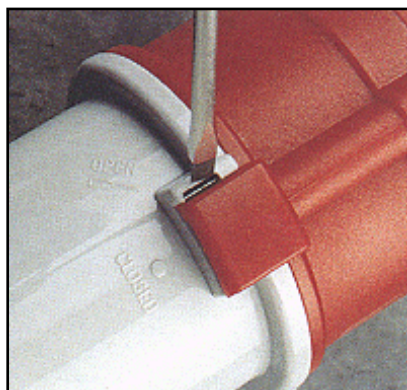


Cabling

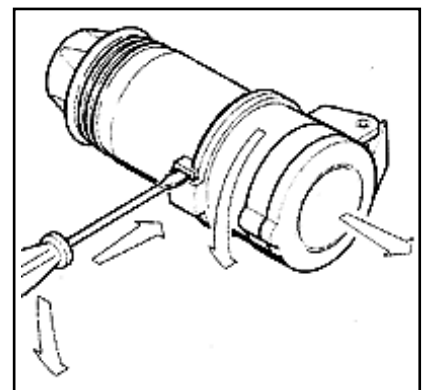
The technical options offered by the Eureka series are time-saving in terms of cabling, which means a saving in labour cost as well. The chart shows the amount of time which is saved comparing conventional IEC309 products versus the Eureka series.





















The spring on the side of the grip holds it fast against the insert. The assembly is locked by twisting the grip.



Opening requires the use of a tool. The procedure is illustrated by the pictorial symbols on the grip.



The SNAP-ON locking device, besides cutting down on wiring time, allows fast inspection of the terminals and of the cables attached to them.

Poles	Hz	Volt	Colour	h	IP44		IP67	
					16A	32A	16A	32A
Plugs					Catalog Numbers			
2P+E	50/60	100-130		4	211.1630	211.3230	216.1630	216.3230
		200-250		6	211.1633	211.3233	216.1633	216.3233
		380-415		9	211.1638	211.3238	216.1638	216.3238
3P+E	50/60	100-130		4	211.1631	211.3231	216.1631	216.3231
		200-250		9	211.1634	211.3234	216.1634	216.3234
		380-415		6	211.1636	211.3236	216.1636	216.3236
3P+N+E	50/60	100-130		4	211.1632	211.3232	216.1632	216.3232
		208-250		9	211.1635	211.3235	216.1635	216.3235
		346-415		6	211.1637	211.3237	216.1637	216.3237
Connectors					Catalog Numbers			
2P+E	50/60	100-130		4	311.1640	311.3240	316.1640	316.3240
		200-250		6	311.1643	311.3243	316.1643	316.3243
		380-415		9	311.1648	311.3248	316.1648	316.3248
3P+E	50/60	100-130		4	311.1641	311.3241	316.1641	316.3241
		200-250		9	311.1644	311.3244	316.1644	316.3244
		380-415		6	311.1646	311.3246	316.1646	316.3246
3P+N+E	50/60	100-130		4	311.1642	311.3242	316.1642	316.3242
		208-250		9	311.1645	311.3245	316.1645	316.3245
		346-415		6	311.1647	311.3247	316.1647	316.3247

Note: This is a small selection of the range available. For more details please contact our sales office.

The collar serves as a reinforcement for the parts most exposed to impact. The cable clamp is located inside the housing to protect it from damage. The cable is clamped by tightening a single screw using a screwdriver for either single-slotted or cross-slotted screws. To assist wiring operations, the cable clamp is equipped with a "catch" to keep it open and keep the area clear for the hands when fitting. The screws are supplied "backed-off" to speed up wiring operations. An eye in the lid guides the screwdriver blade into the slot in the screw head. Perfect splashproof protection (IP44) is provided by two inclined surfaces on the grip and on the insert. These surfaces also assist self-centring of the lid.

Standards

European standard EN 60 309-1

(formerly BS 4343) equivalent to IEC 309-1

Plugs, socket-outlets and couplers for industrial purposes

Part 1: General requirements.

European standard EN 60 309-2

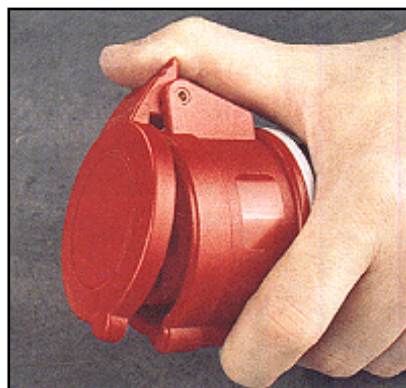
(formerly BS 4343) equivalent to IEC 309-2

Plugs, socket-outlets and couplers for industrial purposes

Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories of harmonised configurations.



All terminal and cable clamp screws face the same direction enabling quick and simple cabling.



A wing on the lid assists one-handed opening.

