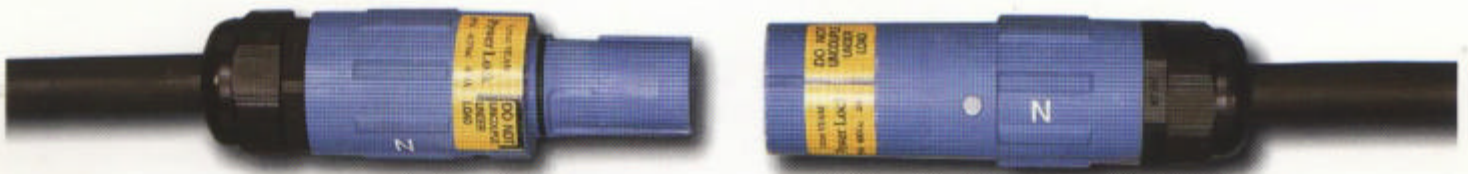


# POWER LOCK



## POWER LOCK

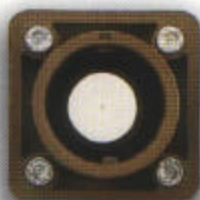
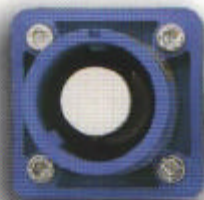
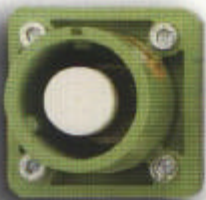
POWERLOCK single pole connector series for field installable power distribution systems, offers the ultimate in safety and reliability under the most severe operating conditions.

The POWERLOCK series connectors allow the user to connect electrical equipment quickly with ultimate safety.

Typical applications for POWERLOCK include three phase motors, generators, load banks, lighting distribution panels and in house supplies. POWERLOCK connectors serve a very diverse industry base which includes outdoor concerts, carnivals, sporting events, television outdoor broadcast, theatres, electricity supply companies and many heavy industrial environments such as mining and construction.

POWERLOCK connectors are designed and tested to conform with European and USA electrical safety standards and specifications.

- Secondary locking:** Insulators are fitted with a locking pin which engages when insulators are mated, preventing unintentional uncoupling through cable torsion. The locking pin is disengaged by means of a remote release key.
- Dead front contacts:** insulated nylon tip on the live contact prevents accidental touching.
- High impact insulators:** Glass filled thermoplastic insulators prevent damage due to mishandling and guarantee a high degree of insulation, with maximum resistance to oil, acids and water.
- Multipoint contact:** Twenty three spring loaded active elements (louvers) allow low insertion force and guarantee multiple points of contact, ensuring minimal power loss.
- Integral Location Keys:** Each connector type is individually keyed to eliminate the possibility of accidental cross mating.
- Waterproof when mated:** sealing is guaranteed through IP rated interfacial and cable gland compression seals.
- Colour coded:** Insulators are self coloured and are supplied as standard colour identification codes.



## Coding options

The POWERLOCK connector series has permanent integral keys which prevent the accidental connection of dissimilar types. e.g. Earth and line 1. Each connector type has a unique keyed position.

Visual identification is made easy by means of the self coloured insulators. The Powerlock range is produced in three standard internationally recognised coding systems.

In addition to integral keying and colour coding all connectors are "branded" with the international mark to identify: earth, neutral, line 1, line 2 or line 3.

	EARTH KEY 1	NEUTRAL KEY 2	LINE 1 KEY 3	LINE 2 KEY 4	LINE 3 KEY 5
UK	Green	Blue	Red	Yellow	Dark Blue
EUROPE HD 308	Green	Blue	Brown	Black	Dark Blue
U.S.A.	Green	White	Black	Red	Dark Blue