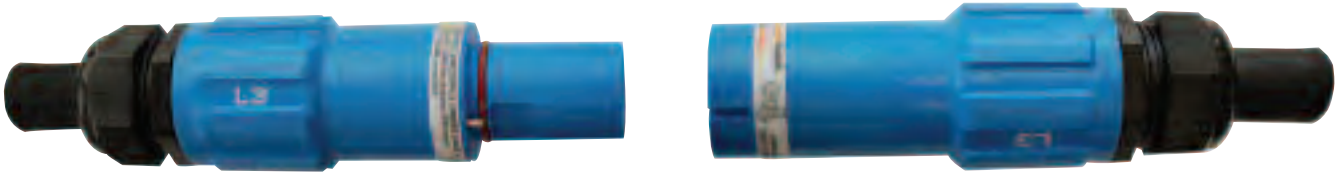




400A SINGLE POLE POWER CONNECTORS, 600V > MOULDED



Powerlink single pole connector series for power distribution systems, offers the ultimate features in safety and reliability in severe operating conditions.

Typical applications include three phase motors, generators, load banks, lighting distribution panels and in high voltage applications. Powerlink connectors are employed in a wide range of industrial applications, which includes outdoor concerts, carnivals, television outdoor broadcast, theatres.

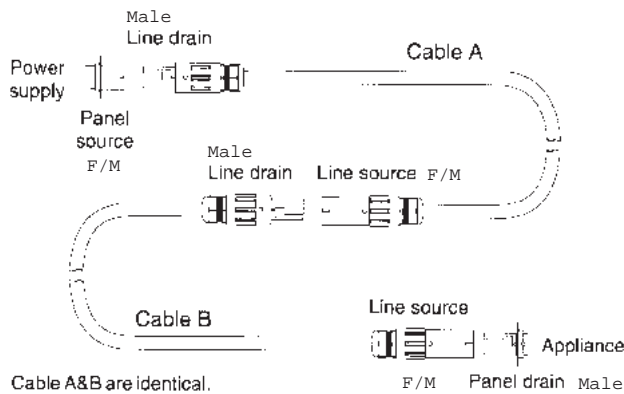
Also utilized with power generators in particular environments such as power plants. Powerlink connectors are designed and tested to meet with European and USA electrical safety standards and specifications.

The following special features do apply!

- Secondary locking elements (louvers) 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 release tool, i.e. screwdriver.
- Dead front contact 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.
- To remove contact a special tool is required.
- Multi LAM contact Twenty three spring loaded active elements (louvers) allow a low insertion force and guarantee multiple points of contact, ensuring minimal power loss.
- Integral Location Key: connector type is individually key coded to eliminate the possibility of accidental cross mating.
- Waterproof when mated: Sealing is guaranteed through IP 67 rated interfacial and cable gland compression seals.
- Colour coded Insulators are coloured and are supplied as standard colour identification codes.



The Powerlink connector series has permanent integral keys which prevent the accidental connection of dissimilar types. 1. Each connector type has its unique mating possibility. Visual identification is made easily by means of the self colour coding system. In addition to integral key code and colour, all connectors are branded with the mark to identify: earth, neutral line 1, line 2, line 3.



Colour Codes:

EARTH KEY 1	NEUTRAL KEY 2	LINE 1 KEY 3	LINE 2 KEY 4	LINE 3 KEY 5

Technical parameters	
Continuous Current Rating	400 Amp
Test Current	500 Amp / 3 hour duration
Maximum Rated Voltage to Earth	600 Vac
Maximum Frequency	500 Hz
IP Rating (mated condition)	IP 67
Maximum Temperature Rise	35 C
Insulation Resistance	>5M ohms / 500 Vdc
Operating Cycles	500 minimum

Note: for ordering codes, please refer to page 103.