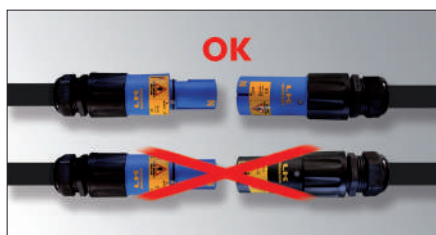


Power Link

The Power Link single pole connector series is designed for power distribution systems, offering the ultimate features in safety and reliability under the most severe operating conditions.

Typical applications for Power Link include three/phase motors, generators, load banks and lighting distributions panels. Power Link connectors are also suitable for utility companies and heavy industry environments. Power Link connectors are designed and tested to comply with European and US electrical safety standards and specifications. They are available in 400A and 660A versions.



The Power Link 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 identifications are easily made by means of the color insulator.



LARGER O.D. CABLE

Originally designed for PG29 cable relief, now enhanced to use M40 version to expand the range of cables accepted.



The drain protected connector features a patented double protection to prevent accidental touch of the drain contact under load. The drain contact must be unlocked supplying uniform pressure on the entire Teon part (by means of the female connector).

- Secondary locking pin to prevent accidental disconnection
- Glass filled nylon insulators and insulated nylon tip on live contact to prevent injuries to operator
- High degree of insulation with maximum resistance to oil, fuel acids and water
- 23 springs contact element granting minimum insertion force and guarantees multiple points of contact, ensuring minimal power loss.
- IP67 rated when mated
- 400A or 660A drain/source panel and line versions
- M40 or PG29 cable strain relief
- Screw or crimp contacts

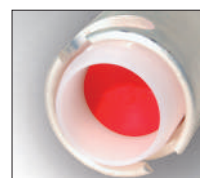
Options

- Crimp contacts
- Protected male version
- Without secondary locking pin



METRIC VERSION

Backshell with integral handgrip, enabling comfortable grip.



Exclusive locking system, featuring the connection of the protected contact purely on metal parts.



The secondary locking pin can be unlocked through the Pin Key using only one hand.

Power Link



How to order Connectors

| | | |
|---|---|---|
| Max Current Rating 400A 660A | LK PL <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | Cable Grip PG29 M40x1.5 19-28mm RMN M40x1.5 10-23mm RMR M40x1.5 22-32mm RML |
| Type Line Drain LD Line Source LS Panel Drain PD Panel Source PS | Male Protected Version Standard Version Male Protected Version P | Contact Type Screw Type 1 Crimp contact 35-50mm ² 2 Crimp contact 70-95mm ² 3 Crimp contact 120-150mm ² E Crimp contact up to 300mm ² N |
| | Colors Brown BN Black BK Grey GR Green GN Blue BL Red R White W | |
| | Key Phase 1 1 Phase 2 2 Phase 3 3 Ground E Neutral N | |
| | Locking Pin (only for Drain type) Without secondary locking pin With secondary locking pin L | |

| Technical data | | |
|--------------------------------|------------------|-----------------|
| Max current Rating | 400A | 660A |
| Minimum Flashover | 9.5 kV dc or ac | 9.5 kV dc or ac |
| Maximum Rated Voltage to Earth | 2 kV ac/3 kV dc | 2 kV ac/3 kV dc |
| Operating Voltage | 600 Vac | 600 Vac |
| Operating Temperature | -30 to 125 C° | -30 to 125 C° |
| Insulation Resistance | >5 M Ω/500 Vdc | >5 M Ω/500 Vdc |
| AWG/mm ² | 2-4/0 33.6-107.2 | 6/0 170.3 |
| Threaded M12 Torque Maximum | 12.0 Nm | 12.0 Nm |
| IP Rating (mated condition) | IP 67 | IP 67 |
| Operating Cycles | 500 minimum | 500 minimum |

| | GROUND | NEUTRAL | LINE 1 | LINE 2 | LINE 3 |
|------------------|--------|---------|--------|--------|--------|
| | KEY 1 | KEY 2 | KEY 3 | KEY 4 | KEY 5 |
| EUROPE HD 308 S2 | GN | BL | BN | BK | GR |
| U.S.A. | GN | W | BK | R | BL |

Accessories

Pin key



LK PL KEY

Pin Key

Dust cap



LK PL TPD**

Drain

LK PL TPS**

Source

Only available for EU HD 308 S2 version

 ** 1BN 2BK 3GR EGN NBL
 Brown Black Grey Green Blue

Spare parts



LK PL LOCK

Drive pin

LK PL R*

Compression sleeve

| | |
|------|-----------------------|
| *35 | (35mm ²) |
| *50 | (50mm ²) |
| *70 | (70mm ²) |
| *95 | (95mm ²) |
| *120 | (120mm ²) |