



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.



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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.

- 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



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).



ENHANCED GRIP

Improved backshell with integral handgrip, enabling a more comfortable grip while reinforcing the connector shell.



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.



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How to order Connectors

Max Current Rating	
400A	
660A	6

Туре	
Line Drain	LD
Line Source	LS
Panel Drain	PD
Panel Source	PS

Male Protected Version	
Standard Version	
Male Protected Version	Р

Key	
Phase 1	1
Phase 2	2
Phase 3	3
Ground	Е
Neutral	N

Colors	
Brown	BN
Black	BK
Grey	GR
Green	GN
Blue	BL
Red	R
White	W

Locking Pin (only for Drain ty	/pe)
Without secondary locking pin	
With secondary locking pin	L

Cable Grip	
PG29	
M40x1.5 19-28mm	MN
M40x1.5 10-23mm	MR
M40x1.5 22-32mm	ML

_	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

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			

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Accessories		
Pin key	Dust cap	



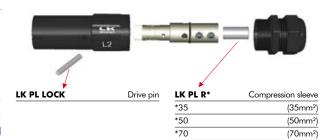
LK PL KEY Pin Key



LK PL TP	D**			Drain	
LK PL TP	S**			Source	
Only availa	ble for E	U HD 30	8 S2 ver	sion	
	2BK Black		EGN Green		

	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

Spare parts



*95

*120

(95mm²)

(120mm²)