

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.



CE



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.

Power Link



How to order Connectors

Max Current Rating		LK PL <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Cable Grip																	
400A		<table border="1"> <tr> <td colspan="2">Male Protected Version</td> </tr> <tr> <td>Standard Version</td> <td></td> </tr> <tr> <td>Male Protected Version</td> <td>P</td> </tr> </table>		Male Protected Version		Standard Version		Male Protected Version	P	PG29											
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660A	6	<table border="1"> <tr> <td colspan="2">Key</td> </tr> <tr> <td>Phase 1</td> <td>1</td> </tr> <tr> <td>Phase 2</td> <td>2</td> </tr> <tr> <td>Phase 3</td> <td>3</td> </tr> <tr> <td>Ground</td> <td>E</td> </tr> <tr> <td>Neutral</td> <td>N</td> </tr> </table>		Key		Phase 1	1	Phase 2	2	Phase 3	3	Ground	E	Neutral	N	M40x1.5 19-28mm MN					
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Locking Pin (only for Drain type)																					
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Line Source	LS			Contact Type																	
Panel Drain	PD			Screw Type 1																	
Panel Source	PS			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

	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	Drain cap
LK PL KEY	Pin Key
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

	Drive pin		Compression sleeve
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)