

Linking HV Grids Worldwide

Within our network components group, we design, produce, distribute and install high and extra-high voltage cable systems. Our expertise in the system design field helps push the existing boundaries to come up with innovative solutions to secure reliable and sustainable supply of electricity for the development of communities.

The Click-Fit Concept

The unique Click-Fit principle is based on a simple plug & play philosophy that allows for time-efficiently connecting (extra) high voltage cables and systems. The worldwide proven Click-Fit locking mechanism prevents cable movement within the

stress control body caused by thermo-mechanical forces. Thereby ensuring a reliable and failsafe connection during operation.

The simple concept can be explained in three steps.



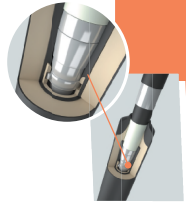
Step 1

Cable plug prepared with spring loaded locking pin.



Step 2

The cable end is inserted with the locking pin pressed down (after lubrication of insulation).



Step 3

The cable end is plugged into its final position with the locking pin extended. The cable is mechanically locked.



Link Boxes → LB Family



Want to know more about this product?



→ Product Range



→ Solutions



→ Datasheets

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Click-Fit

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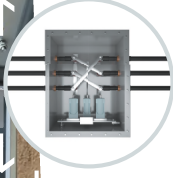
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ClickFit™

PRODUCTS

Link Boxes

LB Family



A brand of the
Prysmian Group

www.click-fit.org



Over 50,000 solutions sold worldwide.*

Click-Fit Link Boxes

The Click-Fit range of link boxes consist of link boxes designed for earthing, cross-bonding and single-point bonded earthing systems. All floor type link boxes are suitable for underground installation (IP68 rated). All Click-Fit link boxes can be installed both in a horizontal and vertical position.

Product Overview

Possible Combinations*

Function	Description	Type of Earthing Cable		Number of Phases			Mounting		Material		
		Single Core	Concentric	1	3	6	Wall	Pillar	Floor	Polyester	Stainless Steel
Earthing	Earthing Link Box	✓		✓				✓			
	Earthing Link Box	✓	✓					✓			
	Earthing Link Box	✓			✓			✓			
Voltage Surge Arrester	Earthing Link Box with Voltage Limiter	✓				✓				✓	
	Earthing Link Box with Voltage Limiter	✓				✓				✓	
	Cross Bonding Link Box		✓			✓					✓
Cross-Bonding	Cross Bonding Link Box	✓				✓				✓	
	Cross Bonding Link Box					✓					✓
	Cross Bonding Link Box	✓				✓					✓
Combination (surge arrester + earthing)	Single Point Bonding / Earthing Link Box**		✓			✓					✓
	Single Point Bonding / Earthing Link Box**	✓				✓					✓

* Voltage limiter

** Standard length of cable (see order): 95-300mm2. Larger size on request

Why choose Click-Fit?



Compatibility

Systems and Accessories Engineering - Tailor Made Solutions

Complete product portfolio compatible across all cable manufacturers

Project driven operating procedures, training tools, OSHIE advice, installation resources and turn-key project management

Modular design ensures compatibility, independence of cable system specifications



Installation

Support in calculation of cable system design specifications

Reduction of on-site installation costs

Reduction of installation time

Only a basic toolkit is required for installation



Testing & Diagnostics*

Extensive testing methods, compared to international standards

Full compliance with international specifications and standards

In-house knowledge, HV research lab and on-site testing facilities

Maintenance experience and on-site diagnostics



Reliability

Pro-Cam partial discharge monitoring system

Proven track record in low and high temperature environments - 10,000 products installed in Russia and 1000 products installed in UAE

24/7 Engineering and installation support

Supply of spare parts & 24/7 logistics support



Engineering



Purchasing



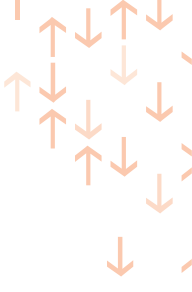
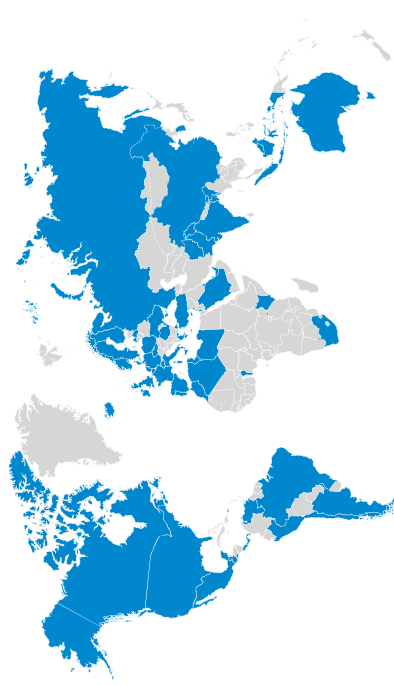
Project Management



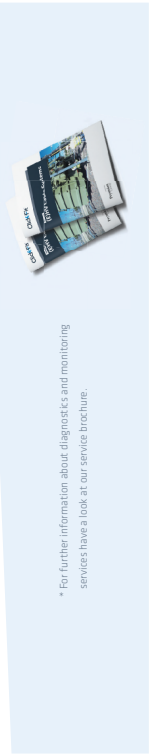
Asset Management

Our partners all over the world

Siemens | TenneT | Réseau de Transport d'Électricité (RTE) | Red Eléctrica de España (REE) | Infratek | Vattenfall | Alstom
 Scottish Power | Stedin | Llandan | National Grid | Asea Brown Boveri (ABB) | Petrolae | Commonwealth Edison (ComEd)
 | Patomak Electric Power Company (PEPCO) | Consolidated Edison (ConEd) | Estrella Power Systems | Tallan Electric Wire |
 Abu Dhabi Transmission & Dispatch Company (Transco) | Dubai Electricity and Water Authority (DEWA) | many others



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* For further information about diagnosis and monitoring services have a look at our service brochure.