

Linking HV Grids Worldwide

Within the 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.

Within our headquarters in Delft, the Netherlands, we have in-house technical and logistical expertise to ensure excellent product quality and timely delivery. With the ability to meet our customers' expectations, we are able to offer tailor made solutions, alongside advanced installation techniques for efficient and reliable cable networks.

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 fail-safe connection during operation.

The simple concept can be explained in three steps.



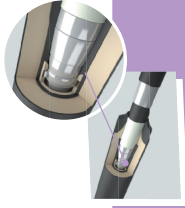
Step 1

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.



Want to know more about this product?



→ Product Range



→ Solutions



→ Datashheets

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Click-Fit

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ClickFit™

PRODUCTS

Terminations

OTC/CFT/FD Family



A brand of the
Prysman Group

www.click-fit.org

Terminations → OTC/CFT/FD Family



Click-Fit Terminations

Outdoor terminations are used in the high voltage power grid for connecting overhead lines to equipment, such as switchgear and transformers. The terminations can also be used to connect mobile energy solution equipment.

Product Overview

Description	Code	Available for cable systems with maximum system voltage Um [kV]									
		72.5	123	145	170	245	300	420	550		
Outdoor termination - composite*	OTC - (Um) - (X)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Outdoor termination - dry type	CFT - (Um) - (X)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Outdoor termination - flex dry**	FD - (Um) - (X)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

* Porcelain terminations available upon request

** Available with off-support structure

Product Features

- Dry-type termination reduces risk in the event of a system fault
- Silicone rubber has excellent water repellent properties in comparison to porcelain
- Internal oil pressure management for composite terminations
- Composite terminations save up to 80% in weight compared to traditional porcelain terminations

Terminations → OTC/CFT/FD Family



Why choose Click-Fit?



Compatibility

Systems and Engineering - Tailor Made Solutions



Installation

Support in calculation of cable system design specifications



Testing & Diagnostics*

Extensive test equipment compared to international standards



Reliability

Pro-Com partial discharge monitoring system

Proven track record in low and high temperature environments - 10,000 products installed in Russia - 5,000 parts installed in UAE

24/7 engineering and installation support

Supply of spare parts & 24/7 logistics support

Pre-connected cable ends reduce on-site installation costs up to €1,000 per substation

Pre-connected cable ends reduce installation time up to 15% per substation

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

Maintenance experience and on-site diagnostics

Project driven engineering training tools, DSHB advice, installation resources and turn-key project management

Pre-connected cable ends reduce installation time up to 15% per substation

Pre-connected cable ends reduce installation time up to 15% per substation

Cross-usability across the Click-Fit product range and voltage levels reduces the costs of your base tool set by 87%



Engineering



Purchasing



Project Management



Asset Management



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

Terminations → OTC/CFT/FD Family

Over 50,000 solutions sold worldwide."

Our partners all over the world

Siemens | TenneT | Réseau de Transport d'Electricité (RTE) | Red Eléctrica de España (REE) | Infratek | Vattenfall | Alstom
 Scottish Power | Stedin | Llandan | National Grid | Asea Brown Boveri (ABB) | Prentice | Commonwealth Edison (ComEd)
 | Polmar Electric Power Company (PEPCO) | Consolidated Edison (ConEd) | Eskellin Power Systems | Tahan Electric Wire |
 Abu Dhabi Transmission & Despatch Company (Tadco) | Dubai Electricity and Water Authority (DEWA) and many others

