



Linking HV Grids Worldwide

Within the network's 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 simple concept can be explained in three steps.



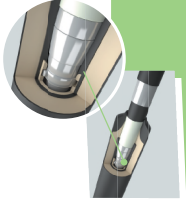
Step 1

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



→ Datasheets

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Click-Fit

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Click-Fit Joints

Click-Fit joints can connect all combinations of cables with minimum effort and in less time than conventional joints. The pre-moulded, factory tested Click-Fit joints offer a fail-safe connection every time.

Product Overview

Description	Code	Available for cable systems with maximum system voltage Um [kV]
Click-Fit® Joint	CF(X) - (Um)	72.5 123 145 170 245 300 420 550
Click-Fit® Asymmetrical joint	CF(X) - (Um)-T	✓ ✓ ✓ ✓ ✓ ✓ ✓
Click-Fit® Transition joint - extruded to paper insulated*	CF(X) - (Um)-P	✓ ✓ ✓ ✓ ✓ ✓ ✓
Click-Fit® Branch joint	CF(X) - (Um)	✓

CF(X) = maximum system voltage (Um) in kV
T = transition joint (cross-bonding)
P = the number of phases
* Available for low, medium and high pressure fluid filled systems

Product Features

- Asymmetrical designs available
- Fully submersible in water
- Installation possible in confined spaces
- Screen interruption for cross-bonding system

Over 50,000 solutions sold worldwide."

Why choose Click-Fit?



Compatibility

System and Engineering - Tailor Made Solutions



Installation

Support in calculation of cable system design specifications



Testing & Diagnostics*

Extensive test records compared to international standards



Reliability

Pro-Com partial discharge monitoring system

Proven track record in low and high temperature environments - 70,000 products installed in Russia and 100 products installed in UAE



Project Management

Project driven on-site training, tools, OSHIE advice, installation resources and turn-key project management

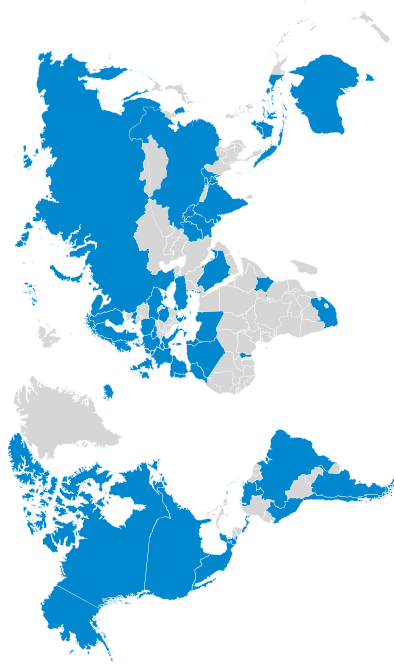


Asset Management

Cross-usability across the Click-Fit product range and voltage levels reduces the costs of your base tool set by 60%

Our partners all over the world

Siemens | Termis® | Réseau de Transport d'Électricité (RTE) | Red Eléctrica de España (REE) | Infratek | Vattenfall | Alstom
 Scottish Power | Stedin | National Grid | Asea Brown Boveri (ABB) | Pterofrac | Commonwealth Edison (ComEd)
 | Patumak Electric Power Company (PEPCO) | Consolidated Edison (ConEd) | Eskhailin Power Systems | Tahhan Electric Wire |
 Abu Dhabi Transmission & Despatch Company (Tansco) | Dubai Electricity and Water Authority (Deva) | and many others



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