



72.5 kV EMERGENCY CONTAINER

Click-Fit® systems

PASSION FOR INNOVATION LINKING THE FUTURE
 TODAY'S OPPORTUNITIES, TOMORROW'S POSSIBILITIES DRIVING INNOVATION SUPPORTING THE GLOBAL ENERGY AND TELECOM
 SUPPORTING THE GLOBAL ENERGY AND TELECOMS INFRASTRUCTURES TODAY'S OPPORTUNITIES
 DRIVING OUR EXPERIENCE COMMITTED TO THE FUTURE DRIVING INNOVATION PASSION FOR INNOVATION

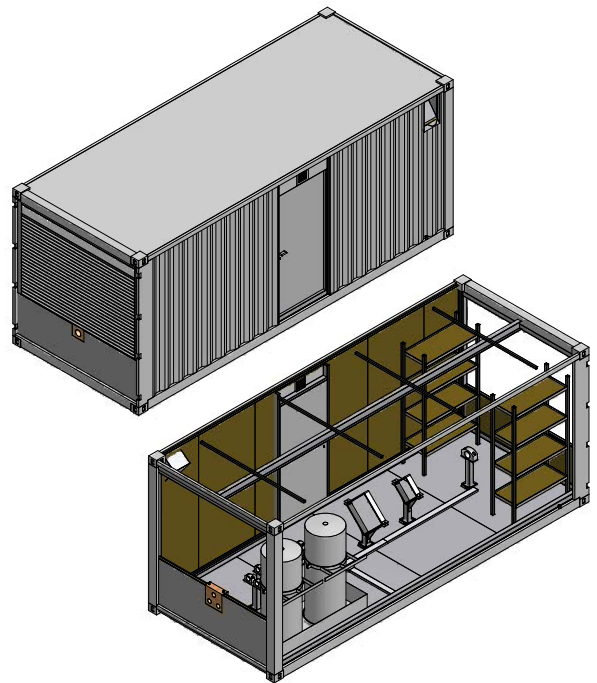
72.5 kV Emergency Container

The Concept

In the case of a special circumstance when a cable system is not available Prysmian has developed the emergency container concept, which offers a quick and reliable temporary cable connection. It consists of a modular container with prefabricated accessories, ready to deploy quickly. This solution ensures that the cable circuit outage is limited to a minimum.

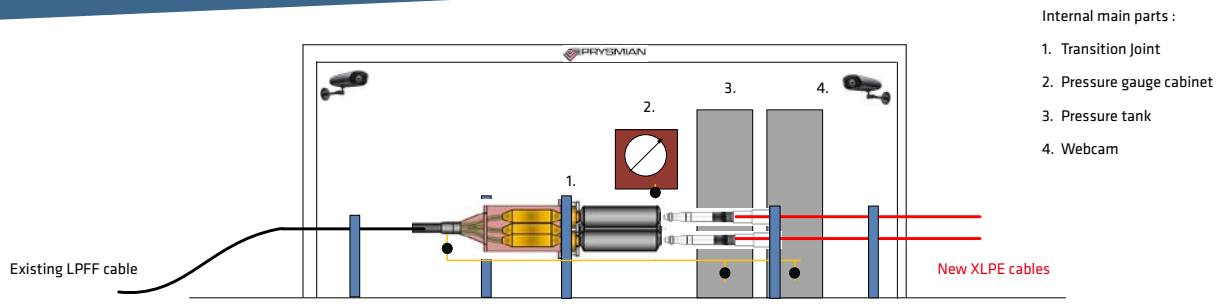
Advantages:

- Cable circuit outage is limited to a minimum
- Minimization of installation throughput time (< 30 hr)
- Completely prefabricated container, ready for installation
- Easy to transport due to standard 20 ft dimensions
- Pre-installed with crane, power supply, security, hydraulic and earthing system
- Environmental friendly, closed container design, no leakage



◀ Prysmian D-log monitoring system





Equipment

A well prepared solution is necessary to be able to (temporarily) solve the problem fast and effective. To realize this (prefab) installation equipment, cables, accessories and skilled manpower are necessary. Based on the actual dimensions of different cable specifications a complete and modular emergency package of accessories is selected based on the Click-Fit "plug and power" concept. This modular concept minimizes the number of (spare) components and offers maximum flexibility. The most critical item in terms of throughput time is the installation of a transition joint, to connect the extruded (XLPE) to the Low Pressure Fluid Filled (LPFF) cable. For this reason the transition joint is preinstalled in a 20 ft emergency container, including all its auxiliaries, such as hydraulics, pressure tanks and earth connections. The oil pressure is monitored electronically and connected to a LAN network to allow remote access and control.

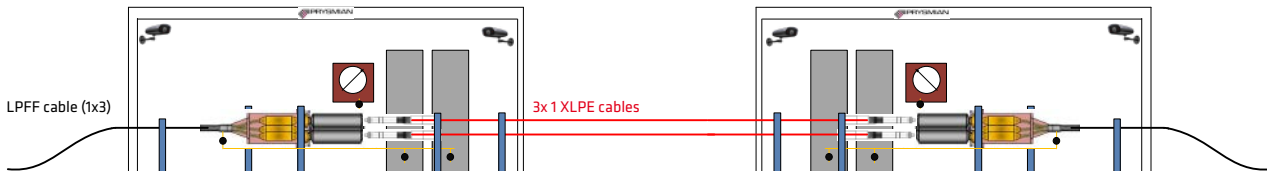
HV accessories based on the 'Plug & Power' Click-Fit concept represent a highly reliable solution that is considered a key component in the safe operation of a total HV cable system.

Emergency situation (HV cable)

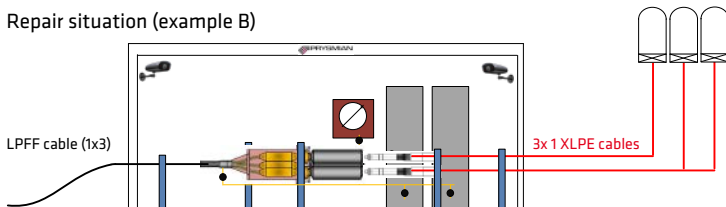
LPFF cable (1x3)



Repair situation (example A)



Repair situation (example B)



Prysmian Emergency Container Features

- Prefabricated installation container
- Sliding doors at both ends
- Preinstalled hydraulic system
- Preinstalled earthing and bonding system
- Preinstalled CLICK-FIT® pre-tested joint bodies
- IP Webcam security system
- D-log cable integrity monitoring system
- Certification of LV equipment (CE/NEN3140)
- Tailor Made solutions available on request
- Also possible for other voltage classes

Prysmian Group

Prysmian Group in Benelux

Prysmian Netherlands BV
Schieweg 9
2627 AN Delft, Netherlands
PO Box 495
2600 AL Delft, Netherlands
T. +31 (0)88 - 808 4444
F. +31 (0)88 - 808 4567
info.nl@prysmian.com

Or visit our homepage:

www.prysmian.com

ENG - Click Fit - 72.5 kV EMERGENCY CONTAINER -
2016 - 05 - 100

Disclaimer All rights reserved. Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner. The information presented in this document does not form part of any quotation or contract, is believed to be accurate and reliable and may be changed without notice. No liability will be accepted by the publisher for any consequence of its use. Publication thereof does not convey nor imply any license under patent- or other industrial or intellectual property rights.



 **PRYSMIAN**

 **Draka**