

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Termination and Joint for Cable**

with type designation(s)

Low Voltage cable joints: EPKJ

Issued to

**Tyco Electronics Raychem GmbH
Ottobrunn, Germany**

is found to comply with

DNV GL rules for classification – Ships, offshore units, and high speed and light craft**Application :****Low Voltage cable joints 0,6/1 kV.****For plastic cables with or without armour.****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**Issued at **Hamburg** on **2019-04-11**This Certificate is valid until **2024-04-10**.DNV GL local station: **Augsburg**for **DNV GL**Approval Engineer: **Carsten Hunsalz**

**Arne Schaarmann
Head of Section**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



Product description

Type: Inline joints EPKJ for armoured plastic insulated cable:

Kit number	Voltage class [kV]	Cross-section [mm ²]
4 core		
EPKJ - 0081	1	1,5 - 6
EPKJ - 0123	1	6 - 16
EPKJ - 0130	1	25 - 50
EPKJ - 0137	1	70 - 150
EPKJ - 0144	1	185 - 300

Type: : Inline joints EPKJ for un-armoured plastic insulated cable:

Kit number	Voltage class [kV]	Cross-section [mm ²]
4 core		
EPKJ - 0228	1	1,5 - 6
EPKJ - 0235	1	6 - 16
EPKJ - 0242	1	16 - 35
EPKJ - 0249	1	50 - 70
EPKJ - 0256	1	70 - 150
EPKJ - 0263	1	185 - 300

Application/Limitation

Installation to be done in accordance with the installation instructions.

Type Approval documentation

Tests carried out

Tested according to CENELEC HD 623 – Part 393. DIN/EN 50393 (VDE 0278 part 3).

Marking of product

Raychem – EPKJ – Voltage class – Batch no.

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine Tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE