

Type Approval Certificate

This is to certify that the under noted products(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate is issued to:

APPLICANT

Kabelbedrijven Draka Nederland B.V.
Hamerstraat 2-4
1021 JV Amsterdam
The Netherlands

**PLACES OF
PRODUCTION**

Draka Norsk Kabel AS
Kjerraten 16
N-3001 Drammen
Norway

Kabelbedrijven Draka Nederland B.V.
Hamerstraat 2-4
1921 JV Amsterdam
The Netherlands

Kabelbedrijven Draka Nederland B.V.
Abel Tasmanstraat 1
7821 AN Emmen
The Netherlands

DESCRIPTION

Fire resistant, flame retardant, halogen free, cross linked polyethylene (XLPE) insulated, SFH1 over sheathed, unbraided, power cable (0.6/ 1kV)

Certificate No.

08/30009

Issue Date

18 July 2008

Expiry Date

17 July 2013

Sheet

1 of 3

*Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS*


W.J. Dijke
Rotterdam Type Approval
Lloyd's Register EMEA

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TYPE	BI 0.6/1 kV
SPECIFIED STANDARDS	Construction: IEC 60092-353 Conductors: Annealed stranded copper wire Insulation: Mica tape/ XLPE to IEC 60092-351 Sheath: Halogen free thermoplastic compound to IEC 60092-351 SHF1 Fire resistance: IEC 60331-21 Armour: Tinned copper wire braid Flame retardance: IEC 60332-1 and IEC 60332-3-22 Category A Smoke emission: IEC 60754-1 & 2 and IEC 61034-1 & 2
APPLICATION	Fixed wiring on ships, offshore and industrial installations
RATING	0.6/ 1 kV

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RANGE

BI

Number of cores	Cross sectional area (mm ²)
2	1.5 & 2.5
3G	1.5 & 2.5
3	1.5, 2.5, 4, 6, 10 & 16
4G	1.5 & 2.5
4	1.5 & 2.5
5	1.5
7	1.5 & 2.5
12	1.5
19	1.5
27	1.5

OPERATIONAL LIMITATIONS

Maximum conductor temperature: 90°C

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The Design Appraisal Document No.ROT/0890324 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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