

LR Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the LR Type Approval System.

This certificate is issued to:

PRODUCER	Kabelbedrijven Draka Nederland BV Hamerstraat 2-4 1021 JV Amsterdam The Netherlands
DESCRIPTION	Fire resistant, halogenfree, low smoke, flame retardant power and control cable.
TYPE	HUSK-FR BFXI power cable 0,6/1 kV, XLPE/mica insulated, filler or polyester tape wrapping, SHF1 sheathed. HUSO-FR BIOI power cable 0,6/1 kV, XLPE/mica insulated, filler or polyester tape wrapping, SHF1 inner sheath, tinned copper wire braid, SHF1 outer sheathed.
APPLICATION	Fixed wiring on ships and offshore installations.
SPECIFIED STANDARD	IEC 60092-350/-351/-353/-359, ed.2 IEC 60332-1, ed.1 IEC 60332-3-22, Cat. A , ed. 1 IEC 60754, ed.1 IEC 61034, ed.1 IEC 60228, ed.1 IEC 331 part 21 ed.1
Certificate No.	03/30028
Issue Date	14 November 2003
Expiry Date	13 November 2008
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G.J. Vromans
Type Approval Department
Rotterdam

RATINGS

- Rated voltage 600/1000 V

- Maximum continuous conductor temperature 85°C

<u>Conductor cross section</u>	<u>Number of cores</u>
1,5 - 300 mm ²	1
1,5 - 35 mm ²	2
1,5 - 240 mm ²	3
1,5 - 25 mm ²	4
1,5 - 2,5 mm ²	5 up to 12, 19
1,5 mm ²	16, 24

"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 LR of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No. ROT.TA/0390316 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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