



TYPE APPROVAL CERTIFICATE
No. ELE160515XG/001

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	ELECTRIC CABLES
<i>Type</i>	MPRXCX 1.8/3 kV; MPRXCX Flexiship 1.8/3 kV; MPRXCX EMC 1.8/3 kV; MPRXCX Flexiship EMC 1.8/3 kV
<i>Applicant</i>	NEXANS DEUTSCHLAND GMBH BONNENBROICHER STR. 2/14 41238 MONCHENGLADBACH GERMANY
<i>Manufacturer</i>	NEXANS DEUTSCHLAND GMBH
<i>Place of manufacture</i>	BONNENBROICHER STR. 2/14 41238 MONCHENGLADBACH GERMANY
<i>Reference standards</i>	IEC 60092-353

Issued in **HAMBURG** on **October 9, 2015**. This Certificate is valid until **October 8, 2020**



RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure

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MPRXCX 1.8/3 kV

MPRXCX Flexiship 1.8/3 kV

MPRXCX EMC 1.8/3 kV

MPRXCX Flexiship EMC 1.8/3 kV

Materials/Components

Power cables, fire retardant type, with small emission of smoke and toxic and corrosive gases, for ships and offshore units installation.

Type: MPRXCX 1.8/3 kV,
MPRXCX Flexiship 1.8/3 kV
MPRXCX EMC 1.8/3 kV,
MPRXCX Flexiship EMC 1.8/3 kV

Rated voltage: 1.8/3 kV

Construction:

Conductor: Bare or tinned stranded copper class 2 or 5 according to IEC 60228

Insulation: XLPE according to IEC 60092-360

Inner covering: Lapped or extruded polyolefin compound (optional)

Armour: Bare copper braid or tinned, additional copper-PETP tape for EMC types

Sheath: SHF1 or SHF2 according to IEC 60092-360

In accordance to IEC 60228; IEC 60092-350; IEC 60092-360; IEC 60092-353; IEC 60754-1;
IEC 61034-1; IEC 61034-2; IEC 60332-1; IEC 60332-3-22 cat A.

Technical Specification: MG-S-025_MPRXCX_3kV.PDF dated 09.12.2014
MG-S-026_MPRXCX EMC dated 03.08.2015
MG-S-026_MPRXCX Flexiship EMC dated 03.08.2015

This certificate annuls and replaces the previous one N° ELE032514XG/009.

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HAMBURG October 9, 2015



A handwritten signature in blue ink, appearing to read 'J. M. ...'.