



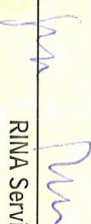
TYPE APPROVAL CERTIFICATE
No. ELE032514XG/10

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>	MPRX 331 0.6/1 kV; MPRXCX 331 0.6/1 kV; MPRX 331 Flexiship 0.6/1 kV; MPRXCX 331 Flexiship 0.6/1 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 60092-350; IEC 60092-353; IEC 60331-21.

Issued in **HAMBURG** on January 14, 2015. This Certificate is valid until January 13, 2020




RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure

TYPE APPROVAL CERTIFICATE

No. ELE032514XG/10

Enclosure - Page 1 of 1

MPRX 331 0.6/1 kV

MPRXCX 331 0.6/1 kV

MPRX 331 Flexiship 0.6/1 kV

MPRXCX 331 Flexiship 0.6/1 kV

Materials/Components

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

Type: MPRX 331 0.6/1 kV / MPXCX 331 0.6/1 kV,

MPRX 331 Flexiship 0.6/1 kV / MPXCX Flexiship 331 0.6/1 kV

Rated voltage: 0.6/1 kV

Construction:

conductor: bare or tinned stranded copper class 2 or 5 according to IEC 60228

mica tape on the conductor

insulation: XLPE according to IEC 60092-360

inner covering: extruded polyolefin compound (optional)

armour: bare copper braid or tinned (MPXCX 331)

sheath: SHF1 or SHF2 according to IEC 60092-360

In accordance to IEC 60228; 60092-350; 60092-360; 60092-353; 60754-1; 61034-1;
61034-2; 60331-21; 60332-1; 60332-3-22 cat A.

Technical Specification:

MPRX 331:

MG-S-005_MPRX 331_0,6_1kV_V1.1.pdf dated 08.11.2014

MG-S-006_MPRX 331_FLEXISHIP_0,6_1kV_V1.1.pdf dated 11.11.2014

MPXCX 331:

MG-S-007_MPRXCX 331_0,6_1kV_V1.1.pdf dated 07.11.12014

MG-S-008_MPRXCX 331_FLEXISHIP_0,6_1kV_V1.1.pdf dated 11.11.2014

This certificate annuls and replaces the previous one n° ELE337311CS/010.

HAMBURG January 13, 2015



for Pm