



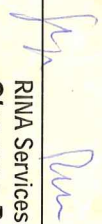
TYPE APPROVAL CERTIFICATE
No. ELE032514XG/002

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>	TCX (C)
<i>Applicant</i>	NEXANS DEUTSCHLAND GMBH BONNENBROICHER STR. 2/14 41238 MONCHENGLADBACH GERMANY
<i>Manufacturer</i>	NEXANS DEUTSCHLAND GMBH BONNENBROICHER STR. 2/14 41238 MONCHENGLADBACH GERMANY
<i>Place of manufacture</i>	
<i>Reference standards</i>	IEC 60092-350; IEC 60092-376.

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/002

Enclosure - Page 1 of 1

TCX (C)

Materials/Components

Shipboard instrumentation and communication cables, flame retardant type with small emission of smoke and toxic and corrosive gases.

Type: TCX (C)

Rated voltage: 150/250V

Marking: NEXANS - TCX(C) - 150/250V - n x s mm² - 90°C - IEC 60332-3-22 - year - metric marking.

Construction:

conductor: tinned stranded copper or bare copper class 2
insulation: XLPE according to IEC 60092-360
armour: tinned or bare copper wire braid
outer sheath: SHF1 or SHF2 according to IEC 60092-360

In accordance to IEC 60228 class 2; IEC 60092-350; IEC 60092-360; IEC 60092-376;
IEC 60754-1; IEC 60754-2; IEC 61034-1; IEC 61034-2; IEC 60332-1; IEC 60332-3-22 cat.A.

Technical Specification: MG-S-102_TCX(C)_V1.1.pdf dated 05.11.2014

This certificate annuls and replaces the previous one n° ELE337311CS/002.

HAMBURG January 13, 2015



for Mr