



Lloyd's  
Register

## Type Approval Certificate

This is to certify that the undernoted products have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate supersedes certificate number 01/20031(E3) issued on 6 September 2011 which is hereby cancelled.

This certificate is issued to:

<b>PRODUCER</b>	NEXANS Deutschland GmbH Bonnenbroicher Strasse 2-14 41238 Mönchengladbach Germany
<b>DESCRIPTION</b>	Halogen-free, flame-retardant, fire resistant <sup>Ⓞ</sup> , single and multicore power cables cross-linked polyethylene (XLPE) insulated and thermoplastic compound (SHF1) sheathed.
<b>TYPES</b>	MPRX, MPRX FLEXISHIP 0.6/1 kV  MPRXCX, MPRXCX FLEXISHIP 0.6/1 kV – with copper braiding  MPRXCX EMC, MPRXCX FLEXISHIP EMC 0.6/1 kV – with copper braiding  MPRX 331, MPRX 331 FLEXISHIP 0.6/1 kV <sup>Ⓞ</sup>  MPRXCX 331, MPRXCX 331 FLEXISHIP 0.6/1 kV <sup>Ⓞ</sup> - with copper braiding
<b>APPLICATION</b>	Fixed installation in ships and on offshore platforms
<b>Certificate No.</b>	01/20031(E4)
<b>Issue Date</b>	20 October 2016
<b>Expiry Date</b>	20 June 2021
<b>Sheet</b>	1 of 2

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



Jochen Körner  
Hamburg Technical Support Office  
Lloyd's Register EMEA

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**DESIGN CODES**

MG-S-001, Rev. 1.4 dated 14.03.2016 (MPRX)  
MG-S-002, Rev. 1.2 dated 01.09.2014 (MPRX FLEXISHIP)  
MG-S-003, Rev. 1.2 dated 01.09.2014 (MPRXCX)  
MG-S-004, Rev. 1.2 dated 01.09.2014 (MPRXCX FLEXISHIP)  
MG-S-005, Rev. 1.3 dated 17.12.2015 (MPRX 331)  
MG-S-006, Rev. 1.2 dated 15.02.2016 (MPRX 331 FLEXISHIP)  
MG-S-007, Rev. 1.2 dated 18.12.2015 (MPRXCX 331)  
MG-S-008, Rev. 1.3 dated 15.02.2016 (MPRXCX 331 FLEXISHIP)  
MG-S-028, Rev. 1.4 dated 07.03.2016 (MPRXCX EMC, MPRXCX FLEXISHIP EMC)

**RATINGS**

Maximum conductor temperature: 90°C  
Minimum installation temperature: -10° C

**PLACE OF  
PRODUCTION**

NEXANS Deutschland GmbH  
Bonnenbroicher Strasse 2-14  
41238 Mönchengladbach  
Germany

*The Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.*

*If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.*

*The Design Appraisal Document No. HTS/ETS 34295-16 and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

**Certificate No.** 01/20031(E4)  
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**Sheet** 2 of 2

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Jochen Körner  
Hamburg Technical Support Office  
 Lloyd's Register  
Lloyd's Register EMEA  
LR031.1.2013.12

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Hamburg Technical Support Office  
Lloyd's Register EMEA

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