



Lloyd's  
Register

## 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 Lloyd's Register Type Approval System.*

This certificate is issued to:

|                            |  |
|----------------------------|--|
| <b>PRODUCER</b>            | Nexans Deutschland GmbH<br>Bonnenbroicher Straße 2-14<br>41238 Mönchengladbach<br>Germany  |
| <b>DESCRIPTION</b>         | Halogen-free, flame-retardant low voltage cable with/ without screen, cross-linked polyethylene (XLPE) insulated and polyolefine compound (SHF1) sheathed. |
| <b>TYPES</b>               | MPRX 150/250 V<br>MPRX FLEXISHIP 150/250 V<br>MPRXCX 150/250 V<br>MPRXCX FLEXISHIP 150/250 V<br>MPRXCX EMC 150/250 V<br>MPRXCX FLEXISHIP EMC 150/250 V     |
| <b>APPLICATION</b>         | Cable for fixed installation in ships and on offshore installation   |
| <b>DESIGN CODES</b>        | MG-S-009, rev 1.3, 21.07.2015<br>MG-S-011, rev 1.3, 27.07.2015   |
| <b>PLACE OF PRODUCTION</b> | Nexans Deutschland GmbH<br>Bonnenbroicher Straße 2-14<br>41238 Mönchengladbach<br>Germany  |
| <b>Certificate No.</b>     | 16/20040   |
| <b>Issue Date</b>          | 06 June 2016   |
| <b>Expiry Date</b>         | 05 June 2021   |
| <b>Sheet</b>               | 1 of 2   |



Jochen Körner  
Hamburg Technical Support Office  
Lloyd's Register EMEA

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

Lloyd's Register EMEA  
Is a subsidiary of Lloyd's Register Group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Lloyd's  
Register

*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 33548-16 and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

|                        |              |
|------------------------|--------------|
| <b>Certificate No.</b> | 16/20040     |
| <b>Issue Date</b>      | 06 June 2016 |
| <b>Expiry Date</b>     | 05 June 2021 |
| <b>Sheet</b>           | 2 of 2       |

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

  
Jochen Körner  
Hamburg Technical Support Office

 Lloyd's  
Register

Lloyd's Register EMEA

LR031.1.2013.12

Jochen Körner  
Hamburg Technical Support Office  
Lloyd's Register EMEA

Lloyd's Register EMEA  
Is a subsidiary of Lloyd's Register Group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.