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## Certificate of Product Approval

Certificate Number: 946c

Issue: 05

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## NEXANS TURKIYE ENDUSTRI VE TICARET A.S.

Bozburun Mahallesi Ahmet Nuri Erikoglu Caddesi No: 2 Denizli Turkey

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) detailed below:

### Product(s)

Cable Types as listed below: NX300 Single Core NX300 Multi Core

· 18583)

### Standard(s) (see Appendix for details)

BS 6387:2013 EN 61034-2:2005+A1:2013 EN 60754-1:2014 EN 60754-2:2014 EN 60332-3-23:2009 EN 60332-3-24:2009 EN 50200:2015 (Class PH120) IEC 60331-21:1999

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd.	Obada Piracha	11 June 2024	29 June 2016
	Senior Certification Manager	Date of Issue	Date of First issue
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### Appendix to Certificate No: 946c NEXANS TURKIYE ENDUSTRI VE TICARET A.S.

#### Product name LPCB Ref. No. NX300 Single Core 946c/01 Nominal csa BS 6387 of conductor EN 60332-3-IEC 60331-21 Core EN 61034-2 EN 60754-1 EN 60754-2 EN 50200 See note 4 Construction See note 2 & 5 1.5 One CWZ >60% <0.5% HCI Complies Complies PH120 PH120 2.5 One CWZ >60% <0.5% HCI Complies Complies PH120 40 One CW7 >60% <0.5% HCI Complies Complies 6.0 One CWZ >60% <0.5% HCI Complies Complies PH120 \_ 10 One CWZ >60% <0.5% HCI Complies Complies PH120 16 CWZ >60% <0.5% HCI PH120 One Complies Complies 25 One CW7 >60% <0.5% HCI Complies Complies PH120 \_ 35 One CW7 >60% <0.5% HCI Complies Complies PH120 50 One С >60% <0.5% HCI Complies Complies Complies 70 One С >60% <0.5% HCI Complies Complies Complies С <0.5% HCI 95 One >60% Complies Complies Complies 120 One С >60% <0.5% HCI Complies Complies Complies

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#### Product name LPCB Ref. No. NX300 Single Core 946c/01 Nominal csa BS 6387 of conductor EN 60332-3-IEC 60331-21 Core EN 61034-2 EN 60754-1 EN 60754-2 EN 50200 See note 4 Construction See note 2 & 5 One С <0.5% HCI Complies 150 >60% Complies Complies 185 С One >60% <0.5% HCI Complies Complies Complies С 240 One >60% <0.5% HCI Complies Complies Complies 300 One >60% <0.5% HCI Complies Complies Complies 400 One >60% <0.5% HCI Complies Complies Complies 500 <0.5% HCI One >60% Complies Complies Complies <0.5% HCI Complies Complies Complies 630 One >60% 800 One >60% <0.5% HCI Complies Complies Complies 1000 One >60% <0.5% HCI Complies Complies Complies

### Uo/U 600/1000V

#### Notes:

- 1. Stranded conductor only.
- The NX300 Single-Core cables met the requirements of IEC 60331-21: 1999 when tested at a temperature of 800°C for a 2. duration of 180 + 15 minutes at a voltage rating of 600V.
- 3. The NX300 Single-Core cables listed also met the requirements of IEC 60332-1-2:2004

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## Appendix to Certificate No: 946c NEXANS TURKIYE ENDUSTRI VE TICARET A.S.

## Issue: 05

- 4. To satisfy the requirement of BS 6387:2013, for Categories CWZ, testing was conducted using a 20mm stainless steel conduit as the other metallic element.
- 5. Where a single cable is fitted in conduit, only phase to earth voltage was applied

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### Appendix to Certificate No: 946c NEXANS TURKIYE ENDUSTRI VE TICARET A.S.

#### Product name LPCB Ref. No. NX300 Multi Core 946c/02 csa of IEC 60331-EN 61034-EN 60754-EN 60754-EN 60332-EN 60332conductor BS 6387 EN 50200 Construction 3-23 3-24 See note 1 < 0.5% 1.5 2.3&4 CWZ >60% Complies Complies Complies PH120 Complies HCI < 0.5% PH120 2.5 2,3&4 CWZ >60% Complies Complies Complies Complies HCI < 0.5% CWZ 40 2,3&4 >60% Complies Complies Complies PH120 Complies HCI < 0.5% CWZ PH120 6.0 2,3&4 >60% Complies Complies Complies Complies HCI < 0.5% 2,3&4 CWZ >60% 10 Complies Complies Complies Complies \_ HCI < 0.5% 16 2,3&4 CW7 >60% Complies Complies Complies Complies HCI < 0.5% 25 2,3&4 CWZ >60% Complies Complies Complies Complies HCL < 0.5% 2,3&4 CWZ >60% 35 Complies Complies Complies Complies HCI < 0.5% 50 2.3&4 CWZ >60% Complies Complies Complies Complies HCI < 0.5% CWZ 70 2,3&4 >60% Complies Complies Complies Complies HCI < 0.5% 95 2,3&4 CWZ >60% Complies Complies Complies Complies HCI <0.5% 2,3&4 CWZ >60% 120 Complies Complies Complies Complies HCI

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#### LPCB Ref. No. Product name NX300 Multi Core 946c/02 csa of IEC 60331-EN 61034-EN 60754-EN 60754-EN 60332-EN 60332-BS 6387 EN 50200 See note 2 See note 1 < 0.5% 150 2,3&4 CWZ >60% Complies Complies Complies Complies \_ HCI < 0.5% 185 2,3&4 CWZ >60% Complies Complies Complies Complies HCL < 0.5% 240 2,3&4 CWZ >60% Complies Complies Complies Complies HCI < 0.5% 300 2,3&4 CWZ >60% Complies Complies Complies Complies HCI < 0.5% 2,3&4 CWZ >60% 400 Complies Complies Complies Complies HCI

### Uo/U 600/1000V

#### Notes:

- 1. Stranded conductor only.
- 2. The NX300 Multi-Core cables met the requirements of IEC 60331-21: 1999 when tested at a temperature of 800°C for a duration of 180 + 15 minutes at a voltage rating of 600/1000V.
- 3. The NX300 Multi-Core cables listed also met the requirements of EN 60332-1-2:2004

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