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### Certificate of Product Approval

Certificate Number: 946d

Issue: 05

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#### NEXANS TÜRKIYE ENDÜSTRI VE TICARET A.Ş.

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: NX 600

105831

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

BS 7846:2015 (Category F2 & F120) EN 60754-2:2014 IEC 60331-21:1999 BS 8519:2010 (Clause 11 Category 3)

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	1 December 2017
	Certification Scheme Manager	Date of Issue	Date of First issue
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# **LPCB**<sup>®</sup>

### Appendix to Certificate No: 946d **NEXANS TÜRKIYE ENDÜSTRI VE TICARET A.Ş.**

#### Issue: 05

Product name LPCB Ref. No.					
NX 600					946d/01
Nominal csa of conductor (mm²) See note 1	Core Construction	BS 7846 See note 2 & 3	EN 60754-2 See note 5	IEC 60331-21 See note 4	BS 8519 Clause 11 See note 3
4.0	2, 3, 4 & 5	F2 & F120	Complies	(90 + 15) minutes	Category 3
6.0	2, 3, 4 & 5	F2 & F120	Complies	(90 + 15) minutes	Category 3
10	2, 3, 4 & 5	F2 & F120	Complies	(90 + 15) minutes	Category 3
16	2, 3, 4 & 5	F2 & F120	Complies	(90 + 15) minutes	Category 3
25	2, 3, 4 & 5	F2 & F120	Complies	(90 + 15) minutes	Category 3
35	2, 3, 4 & 5	F2 & F120	Complies	(90 + 15) minutes	Category 3
50	2, 3, 4 & 5	F2 & F120	Complies	(90 + 15) minutes	Category 3
70	2, 3, 4 & 5	F2 & F120	Complies	(90 + 15) minutes	Category 3
95	2, 3 & 4	F2 & F120	Complies	(90 + 15) minutes	Category 3
120	3 & 4	F2 & F120	Complies	(90 + 15) minutes	Category 3
150	3 & 4	F2 & F120	Complies	(90 + 15) minutes	Category 3
185	3 & 4	F2 & F120	Complies	(90 + 15) minutes	Category 3

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Obala	Obada Piracha	11 June 2024	1 December 2017
Signed for BRE Global Ltd.	Certification Scheme Manager	Date of Issue	Date of First issue
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BRE Global Ltd, Garston, Watford, WD25 9XX

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### Appendix to Certificate No: 946d **NEXANS TÜRKIYE ENDÜSTRI VE TICARET A.Ş.**

#### LPCB Ref. No. Product name NX 600 946d/01 Nominal csa of BS 7846 EN 60754-2 IEC 60331-21 BS 8519 Clause 11 conductor (mm<sup>2</sup>) Core Construction See note 5 See note 4 See note 3 240 3 & 4 F2 & F120 Complies (90 + 15) minutes Category 3 300 3 & 4 F2 & F120 Complies (90 + 15) minutes Category 3 400 3 & 4 F2 & F120 Complies (90 + 15) minutes Category 3

#### Uo/U 600/1000V

#### Notes:

1. Stranded conductors only.

- In meeting the requirements of BS 7846:2015 Category F2, the NX 600 cables met the requirements for smoke density to EN 61034-2:2005+A2:2020, fire resistance to BS 6387:2013 CWZ and achieved less than 0.5%HCI on the insulation, tapes, filler, bedding and outer covering when tested in accordance with EN 60754-1:2014.
- 3. In meeting the requirements of BS 7846:2015 Category F120, the NX 600 cables listed met the requirements for 120 minutes fire resistance to BS 8491:2008 and therefore BS 8519:2010 Category 3 for power cables.
- 4. The NX 600 cables met the requirements of IEC 60331-21:1999 when tested at a temperature of 950°C for a duration of 90 + 15 minutes cool down, at a voltage rating of 600/1000V.
- 5. Tested to general method given in EN 60754-2:2014.

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