

Certificate of Product Approval

Certificate Number: 946d

Issue: 05

**NEXANS TÜRKİYE ENDÜSTRİ VE
TİCARET 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

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.

Obada Piracha

Signed for BRE Global Ltd.

Obada Piracha

Certification Scheme Manager

11 June 2024

Date of Issue

1 December 2017

Date of First Issue



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Appendix to Certificate No: 946d NEXANS TÜRKİYE ENDÜSTRİ VE TİCARET A.Ş.

Issue: 05

Product name					LPCB Ref. No.
NX 600					946d/01
Nominal csa of conductor (mm ²) 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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Obada Aléev

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Obada Piracha
Certification Scheme Manager

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Product name					LPCB Ref. No.
NX 600					946d/01
Nominal csa of conductor (mm ²) 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
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.
2. 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%HCl 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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