

## Certificate of Product Approval

Certificate Number: 946d

Issue: 04

**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 ALSECURE PLUS

**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

28 January 2022

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: 04

Product name					LPCB Ref. No.
NX 600 ALSECURE PLUS					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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Issue: 04

Product name					LPCB Ref. No.
NX 600 ALSECURE PLUS					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
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 ALSECURE PLUS 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 ALSECURE PLUS cables listed met the fire resistance requirements for 120 minutes to BS 8491:2008 and therefore approve to BS 8519:2010 Category 3 for power cables.
4. The NX 600 ALSECURE PLUS cables met the requirements of IEC 60331-21:1999 when tested at a temperature of 950°C for a duration of 90mins + 15mins cool down, at a voltage rating of 600/1000V.
5. Tested to general method given in EN 60754-2:2014.

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*Obada Aléer*

Signed for BRE Global Ltd.

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