

## Certificate of Product Approval

Certificate Number: 946d

Issue: 03

### 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 Cat F2 & F120  
EN 60754-2:2014  
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.

Karen Coull

Certification Scheme Manager

25 July 2018

Date of Issue

1 December 2017

Date of First issue



This certificate and appendix remain the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit [www.redbooklive.com/terms](http://www.redbooklive.com/terms)).

To check the validity of this certificate and appendix please visit [www.redbooklive.com/check](http://www.redbooklive.com/check), scan the QR tag or contact us.

BRE Global Ltd, Garston, Watford, WD25 9XX  
T: +44 (0)333 321 8811 E: [enquiries@breglobal.com](mailto:enquiries@breglobal.com)

LPCB® is a registered trademark of the Building Research Establishment Ltd.



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

Issue: 03

Product name				LPCB Ref. No.
NX 600 ALSECURE PLUS				946d/01
Nominal csa of conductor (mm <sup>2</sup> )	Core Construction	BS 7846	EN 60754-2	IEC 60331-21
4.0	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup> & F120 <sup>(3)</sup>	Complies <sup>(5)</sup>	Complies <sup>(4)</sup>
6.0	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup> & F120 <sup>(3)</sup>	Complies <sup>(5)</sup>	Complies <sup>(4)</sup>
10	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup> & F120 <sup>(3)</sup>	Complies <sup>(5)</sup>	Complies <sup>(4)</sup>
16	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup> & F120 <sup>(3)</sup>	Complies <sup>(5)</sup>	Complies <sup>(4)</sup>
25	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup> & F120 <sup>(3)</sup>	Complies <sup>(5)</sup>	Complies <sup>(4)</sup>
35	2, 3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup> & F120 <sup>(3)</sup>	Complies <sup>(5)</sup>	Complies <sup>(4)</sup>
50	3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup> & F120 <sup>(3)</sup>	Complies <sup>(5)</sup>	Complies <sup>(4)</sup>
70	3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup> & F120 <sup>(3)</sup>	Complies <sup>(5)</sup>	Complies <sup>(4)</sup>
95	3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup> & F120 <sup>(3)</sup>	Complies <sup>(5)</sup>	Complies <sup>(4)</sup>
120	3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup> & F120 <sup>(3)</sup>	Complies <sup>(5)</sup>	Complies <sup>(4)</sup>
150	3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup> & F120 <sup>(3)</sup>	Complies <sup>(5)</sup>	Complies <sup>(4)</sup>
185	3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup> & F120 <sup>(3)</sup>	Complies <sup>(5)</sup>	Complies <sup>(4)</sup>
240	3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup> & F120 <sup>(3)</sup>	Complies <sup>(5)</sup>	Complies <sup>(4)</sup>

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.

Karen Coull  
Certification Scheme Manager

25 July 2018  
Date of Issue

1 December 2017  
Date of First issue



This certificate and appendix remain the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit [www.redbooklive.com/terms](http://www.redbooklive.com/terms)).

To check the validity of this certificate and appendix please visit [www.redbooklive.com/check](http://www.redbooklive.com/check), scan the QR tag or contact us.

BRE Global Ltd, Garston, Watford, WD25 9XX  
T: +44 (0)333 321 8811 E: [enquiries@breglobal.com](mailto:enquiries@breglobal.com)

LPCB is a registered trademark of the Building Research Establishment Ltd.



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

Issue: 03

Product name				LPCB Ref. No.
NX 600 ALSECURE PLUS				946d/01
Nominal csa of conductor (mm <sup>2</sup> )	Core Construction	BS 7846	EN 60754-2	IEC 60331-21
300	3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup> & F120 <sup>(3)</sup>	Complies <sup>(5)</sup>	Complies <sup>(4)</sup>
400	3 & 4 <sup>(1)</sup>	F2 <sup>(2)</sup> & F120 <sup>(3)</sup>	Complies <sup>(5)</sup>	Complies <sup>(4)</sup>

### 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+A1:2013, 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 requirements for 120 minutes fire resistance to BS 8491:2008 and therefore 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 600V.
5. Tested to general method given in EN 60754-2:2014.

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.

Karen Coull  
Certification Scheme Manager

25 July 2018  
Date of Issue

1 December 2017  
Date of First issue



This certificate and appendix remain the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit [www.redbooklive.com/terms](http://www.redbooklive.com/terms)).

To check the validity of this certificate and appendix please visit [www.redbooklive.com/check](http://www.redbooklive.com/check), scan the QR tag or contact us.

BRE Global Ltd, Garston, Watford, WD25 9XX  
T: +44 (0)333 321 8811 E: [enquiries@breglobal.com](mailto:enquiries@breglobal.com)

LPCB is a registered trademark of the Building Research Establishment Ltd.


