

## Certificate of Product Approval

Certificate Number: 946c

Issue: 04

### 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:  
ALSECURE PLUS NX300 Single-Core  
ALSECURE PLUS NX300 Multi-Core

#### 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.

Karen Coull  
Certification Scheme Manager

22 March 2018  
Date of Issue

29 June 2016  
Date of First Issue



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

Issue: 04

Product name								LPCB Ref. No.
ALSECURE PLUS NX300 Single-Core								946c/01
Nominal csa of conductor (mm <sup>2</sup> )	Core Construction (excluding drain wire and earth)	BS 6387	EN 61034-2	EN 60754-1	EN 60754-2	EN 60332-3-24	IEC 60331-21	EN 50200
1.5	One	CWZ	>60%	<0.5% HCl	Complies	-	Complies	PH120
2.5	One	CWZ	>60%	<0.5% HCl	Complies	-	Complies	PH120
4.0	One	CWZ	>60%	<0.5% HCl	Complies	-	Complies	PH120
6.0	One	CWZ	>60%	<0.5% HCl	Complies	-	Complies	PH120
10	One	CWZ	>60%	<0.5% HCl	Complies	-	Complies	PH120
16	One	CWZ	>60%	<0.5% HCl	Complies	-	Complies	PH120
25	One	CWZ	>60%	<0.5% HCl	Complies	-	Complies	PH120
35	One	CWZ	>60%	<0.5% HCl	Complies	-	Complies	PH120
50	One	C	>60%	<0.5% HCl	Complies	Complies	Complies	-
70	One	C	>60%	<0.5% HCl	Complies	Complies	Complies	-
95	One	C	>60%	<0.5% HCl	Complies	Complies	Complies	-
120	One	C	>60%	<0.5% HCl	Complies	Complies	Complies	-

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Product name								LPCB Ref. No.
ALSECURE PLUS NX300 Single-Core								946c/01
Nominal csa of conductor (mm <sup>2</sup> )	Core Construction (excluding drain wire and earth)	BS 6387	EN 61034-2	EN 60754-1	EN 60754-2	EN 60332-3-24	IEC 60331-21	EN 50200
150	One	C	>60%	<0.5% HCl	Complies	Complies	Complies	-
185	One	C	>60%	<0.5% HCl	Complies	Complies	Complies	-
240	One	C	>60%	<0.5% HCl	Complies	Complies	Complies	-
300	One	C	>60%	<0.5% HCl	Complies	Complies	Complies	-
400	One	-	>60%	<0.5% HCl	Complies	Complies	Complies	-
500	One	-	>60%	<0.5% HCl	Complies	Complies	Complies	-
630	One	-	>60%	<0.5% HCl	Complies	Complies	Complies	-
800	One	-	>60%	<0.5% HCl	Complies	Complies	Complies	-
1000	One	-	>60%	<0.5% HCl	Complies	Complies	Complies	-

**Uo/U 600/1000V**

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

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### Notes:

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

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Product name									LPCB Ref. No.
ALSECURE PLUS NX300 Multi-Core									946c/02
Nominal csa of conductor (mm <sup>2</sup> )	Core Construction	BS 6387	EN 61034-2	EN 60754-1	EN 60754-2	EN 60332-3-23	EN 60332-3-24	EN 50200	IEC 60331-21
1.5	2, 3 & 4	CWZ	>60%	<0.5% HCl	Complies	Complies	Complies	PH120	Complies
2.5	2, 3 & 4	CWZ	>60%	<0.5% HCl	Complies	Complies	Complies	PH120	Complies
4.0	2, 3 & 4	CWZ	>60%	<0.5% HCl	Complies	Complies	Complies	PH120	Complies
6.0	2, 3 & 4	CWZ	>60%	<0.5% HCl	Complies	Complies	Complies	PH120	Complies
10	2, 3 & 4	CWZ	>60%	<0.5% HCl	Complies	Complies	Complies	-	Complies
16	2, 3 & 4	CWZ	>60%	<0.5% HCl	Complies	Complies	Complies	-	Complies
25	2, 3 & 4	CWZ	>60%	<0.5% HCl	Complies	Complies	Complies	-	Complies
35	2, 3 & 4	CWZ	>60%	<0.5% HCl	Complies	Complies	Complies	-	Complies
50	2, 3 & 4	CWZ	>60%	<0.5% HCl	Complies	Complies	Complies	-	Complies
70	2, 3 & 4	CWZ	>60%	<0.5% HCl	Complies	Complies	Complies	-	Complies
95	2, 3 & 4	CWZ	>60%	<0.5% HCl	Complies	Complies	Complies	-	Complies
120	2, 3 & 4	CWZ	>60%	<0.5% HCl	Complies	Complies	Complies	-	Complies

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150	2, 3 & 4	CWZ	>60%	<0.5% HCI	Complies	Complies	Complies	-	Complies
185	2, 3 & 4	CWZ	>60%	<0.5% HCI	Complies	Complies	Complies	-	Complies
240	2, 3 & 4	CWZ	>60%	<0.5% HCI	Complies	Complies	Complies	-	Complies
300	2, 3 & 4	CWZ	>60%	<0.5% HCI	Complies	Complies	Complies	-	Complies
400	2, 3 & 4	CWZ	>60%	<0.5% HCI	Complies	Complies	Complies	-	Complies

### Uo/U 600/1000V

#### Notes:

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

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