

## Certificate of Product Approval

Certificate Number: 711d-(cl-2)

Issue: 04

### NORDEN COMMUNICATION UK LIMITED

Unit 13 Baker Close  
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United Kingdom



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:  
Fire Resistant Cable PH 120 SFR Insulation

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

BS 7629-1:2008  
BS 6387:2013 (Category CWZ)  
EN 50200:2006 (Class PH120)  
EN 50200:2006 Annex E (30 mins)  
BS 8519 (Clause 11)  
BS 5266-1 (Clause 8.2.2a)  
BS 8539-6 (Clause 16.2)  
BS 5839-8 (Clause 27.6)  
BS 5839-1:2013 (Clause 26.2d Standard)

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

10 July 2019  
Date of Issue

23 September 2015  
Date of First issue



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## Appendix to Certificate No: 711d-(cl-2) NORDEN COMMUNICATION UK LIMITED

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Product name					LPCB Ref. No.
Fire Resistant Cable PH 120 SFR Insulation					711d/01
Nominal csa of conductor (mm <sup>2</sup> )	Core Construction (excluding drain wire & earth)	BS 7629-1	BS 6387	EN 50200	EN 50200 Annex E
1.5	2 <sup>(1)</sup>	Complies <sup>(2)</sup>	CWZ	PH120	30min <sup>(3)</sup>
2.5	2 <sup>(1)</sup>	Complies <sup>(2)</sup>	CWZ	PH120	30min <sup>(3)</sup>

Product name						LPCB Ref. No.
Fire Resistant Cable PH 120 SFR Insulation						711d/01
Nominal csa of conductor (mm <sup>2</sup> )	Core Construction (excluding drain wire & earth)	BS 8519 Clause 11	BS 5266-1 Clause 8.2.2a	BS 5839-6 Clause 16.2	BS 5839-8 Clause 27.6	BS 5839-1 Clause 26.2
1.5	2 <sup>(1)</sup>	Category 1 <sup>(7)</sup> (control cable)	Complies <sup>(6)</sup>	Standard <sup>(4)</sup>	Standard <sup>(5)</sup>	Standard <sup>(4)</sup>
2.5	2 <sup>(1)</sup>	Category 1 <sup>(7)</sup> (control cable)	Complies <sup>(6)</sup>	Standard <sup>(4)</sup>	Standard <sup>(5)</sup>	Standard <sup>(4)</sup>

**Uo/U 300/500 V**

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### Notes:

1. Solid conductor only.
2. In meeting the requirements of BS 7629-1:2008, the Fire Resistant Cable PH 120 SFR Insulation cables listed met the requirements for smoke density of EN 61034-2:2005, the fire resistance requirements of BS 6387:2013 Categories CWZ and achieved less than 0.5%HCl for the outer covering, tapes and insulation when tested in accordance with EN 60754-1:2014.
3. The duration of 30min when tested in accordance with EN 50200:2006 Annex E is achieved by 15min for the fire and mechanic shock phase and a further 15min for the fire mechanic shock and water phase.
4. The Fire Resistant Cable PH 120 SFR Insulation cables listed conform to BS 7629-1:2008 met Class PH120 when tested in accordance with EN 50200: 2006 and met the 30min duration when tested in accordance with EN 50200:2006 Annex E and hence met the requirements for a standard fire resistant cable as described in Clause 26.2 of BS 5839-1:2013 and Clause 16.2 of BS 5839-6: 2013
5. When tested in accordance with EN 50200: 2006 (PH30) and 30min duration when tested in accordance with EN 50200:2006 Annex E the cable met the requirements for a standard fire resistant cable as described in Clause 27.6 of BS 5839-8:2013.
6. When the cable conforms to BS 7629-1 and when tested in accordance with EN 50200: 2006 (PH60) and 30min duration when tested in accordance with EN 50200:2006 Annex E the cable met the requirements of an emergency lighting cable with an inherently high resistance to attack by fire as described in Clause 8.2.2 (a) of BS 5266-1: 2011.
7. When tested in accordance with EN 50200: 2006 (PH30) and 30min duration when tested in accordance with EN 50200:2006 Annex E the cable met the requirements for a Category 1, control cable as described in Clause 11 (1) of BS 8519:2010.

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