

Certificate of Product Approval

Certificate Number: 682d-(cl-1)

Issue: 03

FIRESAFE

10 Sanderson Way
Marton
Blackpool
FY4 4NB
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:
Zeroburn Plus
See Certificate Appendix for details

Standard(s) (see Appendix for details)

BS 7629-1:2015 (ENHANCED 120)
BS 6387:2013 (CWZ)
EN 50200:2015 (Class PH120)
BS 8434-2:2003
BS 5839-1:2013 (Clause 26.2 Enhanced)
EN 60332-3-24:2009
EN 60332-3-25:2009

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for LPCB

Tony Baker
Certification Scheme Manager

01 June 2017
Date of Issue

10 July 2013
Date of First issue



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Appendix to Certificate No: 682d-(cl-1) FIRESAFE

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Product name						LPCB Ref. No.
Zeroburn Plus						682d/01
Nominal csa of conductor (mm ²)	Core Construction (excluding drain wire and earth)	BS 7629-1	BS 6387	EN 50200	BS 8434-2	BS 5839-1 Clause 26.2
1.0 ⁽¹⁾	2	ENHANCED 120 ⁽²⁾	C,W,Z	Class PH120	120min ⁽³⁾	Enhanced ⁽⁴⁾
1.5 ⁽¹⁾	2, 3 & 4	ENHANCED 120 ⁽²⁾	C,W,Z	Class PH120	120min ⁽³⁾	Enhanced ⁽⁴⁾
2.5 ⁽¹⁾	2, 3 & 4	ENHANCED 120 ⁽²⁾	C,W,Z	Class PH120	120min ⁽³⁾	Enhanced ⁽⁴⁾
4.0 ⁽¹⁾	2, 3 & 4	ENHANCED 120 ⁽²⁾	C,W,Z	Class PH120	120min ⁽³⁾	Enhanced ⁽⁴⁾

Uo/U 300/500V

Notes:

1. Solid and stranded conductors.
2. In meeting the requirements of BS 7629-1:2015, the Zeroburn Plus cables listed met the requirements for smoke density of EN 61034-2:2005+A1:2013, achieved less than 0.5%HCl for the outer covering, binder tape and insulation when tested in accordance with EN 60754-1:2014 and in addition also met the fire resistance requirements of BS 6387:2013 Categories CWZ.
3. The duration of 120min when tested in accordance with BS 8434-2:2003+A2:2009 is achieved by 60min for the fire and mechanical shock phase and an additional 60min for the fire, mechanical shock and water phase.
4. The Zeroburn Plus cables listed conform to BS 7629-1:2015, met Class PH120 when tested in accordance with EN 50200:2015 and met the 120min duration when tested in accordance with BS 8434-2:2003+A2:2009 and hence met the requirements for an enhanced fire resistant cable as described in Clause 26.2 of BS 5839-1:2013.
5. Where the cable diameter is greater than 12mm the cable is additionally approved to EN 60332-3-24.
6. Where the cable diameter is equal to or less than 12mm the cable is additionally approved to EN 60332-3-25.

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