

Certificate of Product Approval

Certificate Number: 682a-(cl-5)

Issue: 06

SHIELD FIRE, SAFETY AND SECURITY LTD

Redburn House
2a Tonbridge Road
Romford
Essex
RM3 8QE
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:
Shield-UK
See Certificate Appendix for details

Standard(s) (see Appendix for details)

BS 7629-1:2015 (STANDARD 60)
BS 6387:2013 (CWZ)
EN 50200:2015 (Class PH120)
EN 50200:2015 Annex E (30 mins)
BS 5839-1:2013 (Clause 26.2d Standard)
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

Karen Coull
Certification Scheme Manager

29 June 2017
Date of Issue

01 May 2013
Date of First issue



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Appendix to Certificate No: 682a-(cl-5) SHIELD FIRE, SAFETY AND SECURITY LTD

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Product name						LPCB Ref. No.
Shield-UK						682a/01
Nominal csa of conductor (mm ²)	Core Construction (excluding drain wire and earth)	BS 7629-1	BS 6387	EN 50200	EN 50200 Annex E	BS 5839-1 Clause 26.2
1.0 ⁽¹⁾	2	STANDARD 60 ⁽³⁾	C,W,Z	Class PH120	30min ⁽⁴⁾	Standard ⁽⁵⁾
1.5 ⁽¹⁾	2, 3 & 4	STANDARD 60 ⁽³⁾	C,W,Z	Class PH120	30min ⁽⁴⁾	Standard ⁽⁵⁾
2.5 ⁽¹⁾	2, 3 & 4	STANDARD 60 ⁽³⁾	C,W,Z	Class PH120	30min ⁽⁴⁾	Standard ⁽⁵⁾
4.0 ⁽²⁾	2, 3 & 4	STANDARD 60 ⁽³⁾	C,W,Z	Class PH120	30min ⁽⁴⁾	Standard ⁽⁵⁾

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Uo/U 300/500V

Notes:

1. Solid conductor only.
2. Stranded conductor only.
3. In meeting the requirements of BS 7629-1:2015, the Shield-UK 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.
4. The duration of 30 min when tested in accordance with EN 50200:2015 Annex E is achieved by 15min for the fire and mechanical shock phase and an additional 15min for the fire, mechanical shock and water phase.
5. The Shield-UK cables listed conform to BS 7629-1:2015, met Class PH120 when tested in accordance with EN 50200:2015 and met the 30min duration when tested in accordance with EN 50200:2015 Annex E and hence met the requirements for a standard fire resistant cable as described in Clause 26.2 of BS 5839-1:2013.
6. Where the cable diameter is greater than 12mm the cable is additionally approved to EN 60332-3-24.
7. 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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