

Certificate of Product Approval

Certificate Number: 1134b

Issue: 04

DRAKA UK LIMITED

Chickenhall Lane
Bishopstoke
Eastleigh
Hants
SO50 6YU
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:
FT120

Standard(s) (see Appendix for details)

BS 7629-1:2015 (ENHANCED 120)
BS 6387:2013 C,W,Z)
EN 50200:2015 (Class PH120)
BS 8434-2:2003+A2:2009 (120 mins)
BS 5839-1:2013 (Clause 26.2e Enhanced)

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

27 April 2018
Date of Issue

19 February 2013
Date of First Issue



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

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



Appendix to Certificate No: 1134b DRAKA UK LIMITED

Issue: 04

| Product name | | | | | | LPCB Ref. No. |
|---|--|-----------------------------|---------|----------|-----------------------|-------------------------|
| FT120 | | | | | | 1134b/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 |
| 1.5 | 2, 3 & 4 ^(1, 3) | ENHANCED 120 ⁽⁴⁾ | C,W,Z | PH120 | 120min ⁽⁵⁾ | Enhanced ⁽⁶⁾ |
| 2.5 | 2, 3 & 4 ^(1, 3) | ENHANCED 120 ⁽⁴⁾ | C,W,Z | PH120 | 120min ⁽⁵⁾ | Enhanced ⁽⁶⁾ |
| 4.0 | 2, 3 & 4 ^(2, 3) | ENHANCED 120 ⁽⁴⁾ | C,W,Z | PH120 | 120min ⁽⁵⁾ | Enhanced ⁽⁶⁾ |

Uo/U 300/500V

Notes:

1. Solid conductor only.
2. Stranded conductor only.
3. All cables have the blue core designated as a Neutral conductor; only phase to earth voltage was applied to the 2 core cables.
4. In meeting the requirements of BS 7629-1:2015, the FT120 cables listed met the requirements for smoke density of EN 61034-2:2005+A1:2013, and achieved less than 0.5% HCl for the insulation, binder tape, and outer covering when tested in accordance with EN 60754-1:2014 and in addition also met the fire resistance requirements of BS 6387:2013 Categories CWZ.
5. 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.
6. The FT120 cables listed conform to BS 7629-1:2015, met Class PH120 when tested in accordance with EN 50200:2015 and met a duration of 120min 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.

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