

Certificate of Product Approval

Certificate Number: 568c-(cl-8)

Issue: 01

HELUKABEL GmbH

Dieselstraße 8-12
71282 Hemmingen
Germany

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:
HELUTHERM® FR BS 7629
See Certificate Appendix for details

Standard(s) (see Appendix for details)

BS 7629-1:2008
BS 6387:2013 (CWZ)
EN 50200:2006 (Class PH30/PH120)
EN 50200:2006 Annex E (30 mins)
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

20 February 2018

Date of Issue

20 February 2018

Date of First issue



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



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Appendix to Certificate No: 568c-(cl-8) HELUKABEL GmbH

Issue: 01

Product name						LPCB Ref. No.
HELUTHERM® FR BS 7629						568c/02
Nominal csa of conductor (mm²)	Core Construction	BS 7629-1	BS 6387	EN 50200	EN 50200 Annex E	BS 5839-1 Clause 26.2
1.0 ⁽¹⁾	2, 3 & 4	Complies ⁽³⁾	C,W,Z	PH120	30min ⁽⁴⁾	Standard ⁽⁵⁾
1.5 ⁽¹⁾	2, 3 & 4	Complies ⁽³⁾	C,W,Z	PH120	30min ⁽⁴⁾	Standard ⁽⁵⁾
2.5 ⁽¹⁾	2, 3 & 4	Complies ⁽³⁾	C,W,Z	PH120	30min ⁽⁴⁾	Standard ⁽⁵⁾
4 ⁽²⁾	2, 3 & 4	Complies ⁽³⁾	C,W,Z	PH120	30min ⁽⁴⁾	Standard ⁽⁵⁾

Uo/U 300/500 V

Notes:

1. Solid and Stranded conductors.
2. Stranded conductor only.
3. In meeting the requirements of BS 7629-1:2008, the HELUTHERM® FR BS 7629 cables listed met the requirements for smoke density of EN 61034-2: 2005, the fire resistance requirements in BS 6387:2013 Categories CWZ and achieved less than 0.5%HCl for the outer covering, binder tape & insulation when tested in accordance with EN 50267-2-1: 1999.
4. The duration of 30 min when tested in accordance with EN 50200: 2006 Annex E is achieved by 15 min for the fire and mechanical shock phase and an additional 15 min for the fire, mechanical shock and water phase.
5. The HELUTHERM® FR BS 7629 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.

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