

Certificate of Product Approval

Certificate Number: 711d

Issue: 04

2M KABLO SAN. VE TIC. A.S

Sancaktepe Mahallesi
Klas Sokak No:8
34580
Silivri
Istanbul
Turkey



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) as detailed below:

Products

Cable Types as listed below:
Firekab SFR FE 180
See Certificate Appendix for details

Standards

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

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

Damien Ward

Signed for LPCB

Damien Ward

Certification Scheme Manager

31 March 2017

Date of Issue

23 September 2015

Date of First Issue



This certificate and appendix remain the property of BRE Global Ltd and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

LPCB is part of BRE Global Ltd, Garston, Watford, WD25 9XX
T: +44 (0)333 321 8811 F: +44 (0)1923 664603 E: enquiries@breglobal.com



bre

Appendix to Certificate No: 711d 2M KABLO SAN. VE TIC. A.S

Issue: 04

Product name					LPCB Ref. No.
FireKab SFR FE 180					711d/01
Nominal csa of conductor (mm ²)	Core Construction (excluding drain wire & earth)	BS 7629-1	BS 6387	EN 50200	EN 50200 Annex E
1.0	2, 3 & 4 ⁽¹⁾	Complies ⁽²⁾	CWZ	PH120	30min ⁽³⁾
1.5	2, 3 & 4 ⁽¹⁾	Complies ⁽²⁾	CWZ	PH120	30min ⁽³⁾
2.5	2, 3 & 4 ⁽¹⁾	Complies ⁽²⁾	CWZ	PH120	30min ⁽³⁾

Product name						LPCB Ref. No.
FireKab SFR FE 180						711d/01
Nominal csa of conductor (mm ²)	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
1.0	2, 3 & 4 ⁽¹⁾	Category 1 ⁽⁷⁾ (control cable)	Complies ⁽⁶⁾	Standard ⁽⁴⁾	Standard ⁽⁵⁾	Standard ⁽⁴⁾
1.5	2, 3 & 4 ⁽¹⁾	Category 1 ⁽⁷⁾ (control cable)	Complies ⁽⁶⁾	Standard ⁽⁴⁾	Standard ⁽⁵⁾	Standard ⁽⁴⁾
2.5	2, 3 & 4 ⁽¹⁾	Category 1 ⁽⁷⁾ (control cable)	Complies ⁽⁶⁾	Standard ⁽⁴⁾	Standard ⁽⁵⁾	Standard ⁽⁴⁾

Uo/U 300/500 V

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

Damien Ward

Signed for LPCB

Damien Ward

Certification Scheme Manager

31 March 2017

Date of Issue

23 September 2015

Date of First Issue



This certificate and appendix remain the property of BRE Global Ltd and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

LPCB is part of BRE Global Ltd, Garston, Watford, WD25 9XX
T: +44 (0)333 321 8811 F: +44 (0)1923 664603 E: enquiries@breglobal.com



bre

Appendix to Certificate No: 711d 2M KABLO SAN. VE TIC. A.S

Issue: 04

Notes:

1. Solid conductor only.
2. In meeting the requirements of BS 7629-1:2008, the FireKab SFR FE 180 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 FireKab SFR FE 180 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.

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

Damien Ward

Signed for LPCB

Damien Ward

Certification Scheme Manager

31 March 2017

Date of Issue

23 September 2015

Date of First Issue



This certificate and appendix remain the property of BRE Global Ltd and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

LPCB is part of BRE Global Ltd, Garston, Watford, WD25 9XX
T: +44 (0)333 321 8811 F: +44 (0)1923 664603 E: enquiries@breglobal.com



bre