

Certificate of Product Approval

Certificate Number: 217g

Issue: 05

CAVICEL SpA

Via Caduti del Lavoro 18/A
20096 Pioltello
Milan
Italy

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:
FIRECEL SR 114E

Standard(s) (see Appendix for details)

BS 7629-1:2015 (Enhanced 120)
BS 6387:2013 (Category CWZ)
BS EN 50200:2015 (Class PH120)
BS 8434-2:2003+A2:2009 (120 minutes)
BS 5839-1:2013 (Clause 26.2e Enhanced)
BS 8519:2010 Clause 11 (Category 3)

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

Obada Piracha

Signed for BRE Global Ltd.

Obada Piracha
Certification Manager

12 October 2022
Date of Issue

4 February 2011
Date of First Issue



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Appendix to Certificate No: 217g CAVICEL SpA

Issue: 05

Product name							LPCB Ref. No.
FIRECEL SR 114E							217g/01
Nominal csa of conductor (mm ²)	Core Construction (excluding drain wire and earth)	BS 7629-1 See note 4	BS 6387	EN 50200	BS 8434-2	BS 5839-1 Clause 26.2 See note 5	BS 8519 See note 6
1.0 ⁽¹⁾	2	Enhanced 120	C, W, Z	Class PH120	120 minutes	Enhanced	Category 3
1.5 ⁽²⁾	2, 3 & 4	Enhanced 120	C, W, Z	Class PH120	120 minutes	Enhanced	Category 3
2.5 ⁽²⁾	2, 3 & 4	Enhanced 120	C, W, Z	Class PH120	120 minutes	Enhanced	Category 3
4.0 ⁽³⁾	2, 3 & 4	Enhanced 120	C, W, Z	Class PH120	120 minutes	Enhanced	Category 3

Uo/U 300/500V

Notes:

1. Solid conductor only.
2. Solid & Stranded conductors.
3. Stranded conductor only.
4. In meeting the requirements of BS 7629-1:2015 Enhanced 120, the FIRECEL SR 114E cables listed met the fire resistance requirements for 120 minutes when tested in accordance with EN 50200:2015 PH120 and BS 8434-2:2003+A2:2009, achieved more than 80% smoke density when tested in accordance with EN 61034-2:2005 and achieved less than 0.5% HCI for the outer covering, binding tape & insulation when tested in accordance with EN 60754-1:2014.
5. The FIRECEL SR 114E cables listed conform to BS 7629-1:2015, met Class PH120 when tested in accordance with EN 50200:2015 and met the 120 minutes duration when tested in accordance with BS 8434-2:2003+A2:2009 and hence met the requirements for an enhanced fire resistance cable as described in Clause 26.2e of BS 5839-1:2013.
6. The FIRECEL SR 114E cables also met the requirements for a Category 3, control cables as described in clause 11 of BS 8519:2010 when tested in accordance with Annex B of the standard.

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Obada Aléa

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Obada Piracha
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