

## Certificate of Product Approval

Certificate Number: 568j

Issue: 01

### RAMCRO S.p.A.

Via Marzorati 15  
20014 Nerviano  
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:  
RAMFIRECRO-F3 FIRE STAR

#### Standard(s) (see Appendix for details)

BS 7629-1:2015 Enhanced 120  
EN 50200:2015 Annex E (30 mins)  
EN 50200:2015 (Class PH120)  
BS 8434-2:2003+A2:2009 (120 mins)  
EN 61034-2:2005+A1:2013  
EN 60754-1:2014

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

12 April 2018  
Date of Issue

12 April 2018  
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](mailto:enquiries@breglobal.com)

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## Appendix to Certificate No: 568j RAMCRO S.p.A.

Issue: 01

Product name							LPCB Ref. No.
RAMFIRECRO-F3 FIRE STAR							568j/01
Nominal csa of conductor (mm <sup>2</sup> )	Core Construction	BS 7629-1	BS 61034-2	EN 50200	EN 50200 Annex E	BS 8434-2	EN 60754-1
1.0 <sup>(1,2)</sup>	2, 3 & 4	ENHANCED 120 <sup>(3)</sup>	>80%	Class PH120	30 min <sup>(4)</sup>	120 min <sup>(5)</sup>	<0.5%
1.5 <sup>(1,2)</sup>	2, 3 & 4	ENHANCED 120 <sup>(3)</sup>	>80%	Class PH120	30 min <sup>(4)</sup>	120 min <sup>(5)</sup>	<0.5%
2.5 <sup>(1,2)</sup>	2, 3 & 4	ENHANCED 120 <sup>(3)</sup>	>80%	Class PH120	30 min <sup>(4)</sup>	120 min <sup>(5)</sup>	<0.5%
4.0 <sup>(2)</sup>	2, 3 & 4	ENHANCED 120 <sup>(3)</sup>	>80%	Class PH120	30 min <sup>(4)</sup>	120 min <sup>(5)</sup>	<0.5%

### Uo/U 300/500V

#### Notes:

1. Solid conductor only.
2. Stranded conductor only.
3. In meeting the requirements of BS 7629-1: 2015, the RAMFIRECRO-F3 FIRE STAR cables listed met the requirements for smoke density of EN 61034-2: 2005+A1:2013 and achieved less than 0.5% HCI for the outer covering, binding tape & insulation when tested in accordance with EN 60754-1:2014.
4. The duration of 30 min when tested in accordance with EN 50200:2015 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 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.

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