




Date : 12 July 2022

CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	296356 Issue 2 P110112-1001 P119347-1002 & 1006	CERTIFICATE NUMBER	568c/02 issue 14
DATE OF ISSUE	16/02/2016 16/01/2018 10/03/2022	DATE OF ISSUE	05 April 2022
DATE OF EXPIRY	N/A	DATE OF EXPIRY	N/A
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	RAMCRO S.p.A.	NAME OF THE BRAND	RAMFIRECRO-F3
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Via Marzorati, 15 20014 Nerviano Milan, Italy	MODEL / NO	RAMFIRECRO-F3 STANDARD FIRE SUN
WEBSITE	www.ramcro.it	LOGO ON THE PRODUCT	
TEL	+39 0331 406 511	EMAIL	ramcro@ramcro.it

BRE GLOBAL LTD
BUCKNALLS LANE
WATFORD WD25 9XX
U.K.




Product Details From Test Report		Reference Test Report page NO
<p>DESCRIPTION OF THE PRODUCT (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC)</p>	<p>The 'Ramfirecro-F3 Standard' cables comprise of a LTS 3 type zero halogen thermoplastic compound sheath encasing an outer polyester tape, bare tinned copper drain wire, aluminium polyester tape, inner polyester tape, plain annealed copper conductors insulated with EI2 type silicone rubber insulation.</p> <p>Ramfirecro-F3 Standard comply with the following standards: BS7629-1:2015 (Standard 60)</p> <p>BS6387:2013 CWZ</p> <p>a) Protocol BS6387 cat. C resistance to fire alone - 950°C for 3 hours (3hours fire resistance)</p> <p>b) Protocol BS6387 cat. W resistance to fire with water – Exposed to fire 650°C for 15min then exposed fire @ 650°C with water for another 15 mins.</p> <p>c) Protocol BS6387 cat. Z- Resistance to fire with mechanical shock. Exposed to fire @ 950°C for 15 mins.</p> <p>BS EN 50200 Min cat. PH120 Resistance to fire with mechanical shock. Exposed to fire @840°C for minimum 120 mins (PH120)</p> <p>BS EN 50200:2006 Annex E Resistance to fire with water – Exposed to fire and mechanical shock@840°C for 15 mins then exposed to fire, mechanical shock @840°C with water for another 15 mins.</p>	
<p>TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)</p>	<p>BS 7629-1:2015 (Standard 60) BS 6387: 2013 (Category CWZ) EN 50200:2015 (class PH120) EN 50200:2015 Annex E (30 mins) BS 5839-1:2013 (clause 26.2d standard) EN 60754-2:2014</p> <p>BRE GLOBAL LTD BUCKNALLS LANE WATFORD WD25 9XX U.K.</p>	
<p>TEST DESCRIPTION</p>	<p>BS 7629-1:2015 Electric cables. Specification for 300/500 V fire resistant, screened, fixed installation cables having low emission of smoke and corrosive gases when affected by fire. Multicore cables</p> <p>EN 50200:2015 (PH120) Method of test for resistance to fire of unprotected small cables for use in emergency circuits</p>	





	<p>EN 50200:2015 (Annex E) The duration of survival, measured in minutes, to the point of failure shall be recorded for each cable tested up to a maximum survival time of 30 min, with the water spray being applied for the last 15 min of the test.</p> <p>BS 6387:2013 - Test method for resistance to fire of cables required to maintain circuit integrity under fire conditions.</p> <p>BS 5839-1:2013 – Fire detection and fire alarm systems for buildings. Code of practice for system design, installation, commissioning and maintenance.</p>	
<p>SPECIFICATION OF TEST SPECIMEN</p>	<p>296356 issue 2 Samples tested to assess full range 2x1.0 mm² solid & stranded conductors, 3x2.5 mm² stranded conductor 4x4.0 mm² stranded conductor</p> <p>P110112-1001 Samples tested to assess full range 2x1.0 mm² solid & stranded conductors, 3x2.5 mm² stranded conductor 4x4.0 mm² stranded conductor</p> <p>P119347-1002 & 1006 Samples tested to assess full range 4x4.0 mm² stranded conductor</p>	
<p>TEST RESULT (SUCH AS PASSED CRITERIA ___/ COMPLIED TO ___/ DURATION ___/OBSERVATION ___/ETC)</p>	<p>Passed. All Samples complied with the requirements of the LPCB approved program. "This document is to be used in conjunction with certificate 568c/02"</p>	
<p>PRODUCT APPLICATION GUIDELINE (END USE) (CLEARLY STATE THE END USE WITH SPECIFIC APPLICATION, SUCH AS EXACT FIRE RATING/TO BE INSTALLED IN ___/TO BE INSTALLED AT ___/TO BE CONNECTED WITH ___/TO BE INSTALLED WITH ___ ETC ALONG WITH ANY WARNINGS SUCH AS NOT TO BE USED IN ___/NOT TO BE INSTALLED AT ___/ NOT TO BE INSTALLED WITH ___ ETC.</p>	<p>These special multicore cables are used for fire resistant and circuit integrity, and essentially to prevent life from smoke and noxious fumes, and where sensitive equipment may be damaged by acid forming gases.</p> <p style="text-align: right;">BRE GLOBAL LTD BUCKNALLS LANE WATFORD WD25 9XX U.K.</p>	<p>N.A.</p>



Laboratory and Certification body details			
NAME OF CERTIFICATION BODY	BRE Global Ltd.	NAME OF TEST FACILITY	BRE Global Ltd.
CERTIFICATION BODY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small>	Bucknalls Lane Garston Watford WD25 9XX United Kingdom	TEST FACILITY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small>	Bucknalls Lane Garston Watford WD25 9XX United Kingdom
WEBSITE	https://www.bregroup.com/about-us/bre-global/	WEBSITE	https://www.bregroup.com/about-us/bre-global/
TEL	+44 (0)333 321 88 11	TEL	+44 (0)333 321 88 11
EMAIL	BREGlobalEnquiries@bregroup.com	EMAIL	BREGlobalEnquiries@bregroup.com
ACCREDITED BY <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)</small>	UKAS www.ukas.com	ACCREDITED BY <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)</small>	UKAS www.ukas.com
AS PER <small>(STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)</small>	EN45011: 1998 / ISO 17065: 2012	AS PER <small>(STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)</small>	ISO 17025: 2017
VALIDITY <small>(EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)</small>	N/A	VALIDITY <small>(EXPIRY DATE OF LABORATORY ACCREDITATION)</small>	N/A
REFERENCE NUMBER: <small>(CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	0007	REFERENCE NUMBER: <small>(THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	0578
CERTIFICATION MARK	 <p>BRE GLOBAL LTD BUCKNALLS LANE WATFORD WD25 9XX U.K.</p>		



(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Luca De Gregoriis	SIGNATURE	
EMAIL / TEL	lucadegregoriis@ramcro.it	FACTORY OFFICIAL SEAL	RAMCRO S.p.A. Via Marzorati, 15 20014 NERVIANO (MI) Tel. 0331.406.511 r.a. Fax 0331.406.529 - 0331.406.559 P.IVA 04698820158
NOTES: I Undertake that all data and information provided are genuine and accurate			

(ENDORSEMENT) TO BE SIGNED BY CERTIFICATION BODY			
NAME OF CERTIFICATION BODY SIGNATORY	BRE Global Ltd.	SIGNATURE	 568c-02
EMAIL / TEL	BREGlobalEnquiries@bregroup.com +44 (0)333 321 88 11	CERTIFICATION BODY OFFICIAL SEAL	BRE GLOBAL LTD BUCKNALLS LANE WATFORD WD25 9XX U.K.
NOTES: I Undertake that all data and information provided are genuine and accurate			

ATTACHMENTS:

- **COPY OF 'CERTIFICATE OF COMPLIANCE' ISSUED BY CERTIFICATION BODY (OLD OR NEW)**