

Certificate of Product Approval

Certificate Number: 1661a

Issue: 02

Gulf Cables & Electrical Industries Group Co. K.S.C.P.

Plot No. 800014, Block 1
Sulaibiya Industrial Area 1
P.O. Box 1196
Safat 13012
Kuwait



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:
GC Fire 2A Super

Standard(s) (see Appendix for details)

BS 7846:2015 Category F2 & F120
EN 50200:2015 Class PH120
EN 50200:2015 Annex E
IEC 60331-21:1999
BS 8519:2010 Clause 11 Category 3
BS 5839-1:2017 (Clause 26.2d)
BS 6387:2013 Category CWZ

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

19 January 2022
Date of Issue

7 December 2021
Date of First Issue



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Appendix to Certificate No: 1661a Gulf Cables & Electrical Industries Group Co. K.S.C.P.

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Product name							LPCB Ref. No.
GC Fire 2A Super							1661a/01
Nominal csa of conductor (mm ²) See Note 1	Core Construction	BS 7846 See Note 2	EN 50200	EN 50200 Annex E	BS 8519 See Note 3	IEC 60331-21 See Note 4	BS 5839-1 (Clause 26.2d) See Note 5
1.5	2, 3 & 4	F2	PH120	Annex E	-	(180+15) Minutes	Standard
2.5	2, 3 & 4	F2	PH120	Annex E	-	(180+15) Minutes	Standard
4.0	2, 3 & 4	F2	PH120	Annex E	-	(180+15) Minutes	Standard
6.0	2 & 3	F2	PH120	Annex E	-	(180+15) Minutes	Standard
6.0	4	F2 & F120	-	-	Category 3	(180+15) Minutes	-
10	2	F2	PH120	Annex E	-	(180+15) Minutes	Standard
10	3 & 4	F2 & F120	-	-	Category 3	(180+15) Minutes	-
16	2, 3 & 4	F2 & F120	-	-	Category 3	(180+15) Minutes	-
25	2, 3 & 4	F2 & F120	-	-	Category 3	(180+15) Minutes	-
35	2, 3 & 4	F2 & F120	-	-	Category 3	(180+15) Minutes	-
50	2, 3 & 4	F2 & F120	-	-	Category 3	(180+15) Minutes	-

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Product name							LPCB Ref. No.
GC Fire 2A Super							1661a/01
Nominal csa of conductor (mm ²) See Note 1	Core Construction	BS 7846 See Note 2	EN 50200	EN 50200 Annex E	BS 8519 See Note 3	IEC 60331-21 See Note 4	BS 5839-1 (Clause 26.2d) See Note 5
70	2, 3 & 4	F2 & F120	-	-	Category 3	(180+15) Minutes	-
95	2, 3 & 4	F2 & F120	-	-	Category 3	(180+15) Minutes	-
120	2, 3 & 4	F2 & F120	-	-	Category 3	(180+15) Minutes	-
150	2, 3 & 4	F2 & F120	-	-	Category 3	(180+15) Minutes	-
185	2, 3 & 4	F2 & F120	-	-	Category 3	(180+15) Minutes	-
240	2, 3 & 4	F2 & F120	-	-	Category 3	(180+15) Minutes	-
300	2, 3 & 4	F2 & F120	-	-	Category 3	(180+15) Minutes	-
400	2, 3 & 4	F2 & F120	-	-	Category 3	(180+15) Minutes	-

Uo/U 600/1000V

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Notes:

1. Stranded conductors only.
2. In meeting the requirements of BS 7846:2015 Category F2 & F120, the GC Fire 2A Super met the requirements for smoke density to EN 61034-2, fire resistance to BS 6387 Categories CWZ, fire resistance to BS 8491 and achieved less than 0.5%HCl on the insulation, tapes, filler, bedding and outer covering when tested in accordance with EN 60754-1.
3. The GC Fire 2A Super listed met the fire resistance requirements for 120 minutes according to BS 8491:2008 and therefore also met the requirements of BS 8519:2010 Clause 11 Category 3 for power cables.
4. The GC Fire 2A Super met the requirements of IEC 60331-21:1999 when tested at a temperature of 950°C for a duration of 180 minutes + 15 minutes cool down, at a rated voltage of 600/1000V.
5. The GC Fire 2A Super met the class PH120 and Annex E when tested in accordance with EN 50200:2015 and hence met the requirements for a standard fire resistant cable as described in Clause 26.2d of BS 5839-1: 2017.

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Obada Aljeer

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