

Certificate of Product Approval

Certificate Number: 172c

Issue: 08

DÄTWYLER IT INFRA AG

Gotthardstrasse 31
CH-6460 Altdorf
Switzerland



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:
Datwyler Enhanced Fire Safety Cable

Standard(s) (see Appendix for details)

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

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 Scheme Manager

13 November 2020
Date of Issue

1 December 2008
Date of First Issue



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Appendix to Certificate No: 172c DÄTWYLER IT INFRA AG

Issue: 08

Product name						LPCB Ref. No.
Datwyler Enhanced Fire Safety Cable						172c/01
Nominal csa of conductor (mm ²)	Core Construction (excluding drain wire and earth)	BS 7629-1	BS 6387	EN 50200	BS 8434-2	BS 5839-1 Clause 26.2e
1.5 ⁽¹⁾	2	Enhanced 120	C, W, Z	Class PH120	120mins ⁽³⁾	Enhanced ⁽⁴⁾
2.5 ⁽¹⁾	2	Enhanced 120	C, W, Z	Class PH120	120mins ⁽³⁾	Enhanced ⁽⁴⁾

Uo/U 300/500V

Notes:

1. Solid and stranded conductors.
2. In meeting the requirements of BS 7629-1:2015 Enhanced 120 the Datwyler Enhanced Fire Safety Cables listed met the requirements of smoke density of EN 61034-2 and achieved less than 0.5%HCl on the insulation, binder tape & outer covering when tested in accordance with EN 60754-1.
3. The duration of 120 mins when tested in accordance with BS 8434-2:2003+A2:2009 is achieved by 60 mins for the fire and mechanical shock phase and an additional 60 mins for the fire, mechanical shock and water phase, tested at a voltage of 300V ac.
4. The Datwyler Enhanced Fire Safety Cables listed conform to BS 7629-1:2015 Enhanced 120, met Class PH120 when tested in accordance with EN 50200:2015 and met a duration of 120 mins when tested in accordance with BS 8434-2:2003+A2:2009 and hence met the requirements for an enhanced fire resistant cable as described in Clause 26.2e of BS 5839-1:2013.

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Obada Aléev

Signed for BRE Global Ltd.

Obada Piracha
Certification Scheme Manager

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