

Certificate of Product Approval

Certificate Number: 172h

Issue: 02

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:
DFS EN BS

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

28 January 2020
Date of First Issue



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Appendix to Certificate No: 172h DÄTWYLER IT INFRA AG

Issue: 02

Product name						LPCB Ref. No.
DFS EN BS						172h/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
1.0 ⁽¹⁾	2	Enhanced 120 ⁽⁴⁾	C W Z	Class PH120	120mins ⁽⁵⁾	Enhanced ⁽⁶⁾
1.5 ⁽²⁾	2,3 & 4	Enhanced 120 ⁽⁴⁾	C W Z	Class PH120	120mins ⁽⁵⁾	Enhanced ⁽⁶⁾
2.5 ⁽²⁾	2,3 & 4	Enhanced 120 ⁽⁴⁾	C W Z	Class PH120	120mins ⁽⁵⁾	Enhanced ⁽⁶⁾
4.0 ⁽³⁾	2,3 & 4	Enhanced 120 ⁽⁴⁾	C W Z	Class PH120	120mins ⁽⁵⁾	Enhanced ⁽⁶⁾

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, the DFS EN BS cables listed met the requirements of smoke density of EN 61034-2:2005+A1:2013 and achieved less than 0.5%HCl on the insulation, binder tape and outer covering when tested in accordance with EN 60754-1:2014.
5. 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 impact phase and an additional 60 mins for the fire, impact and water phase.
6. The DFS EN BS cables listed conform to BS 7629-1:2015, met Class PH120 when tested in accordance with EN 50200:2015 and met the 120 mins duration when tested in accordance with BS 8434-2:2003+A2:2009 and hence met the requirements for enhanced fire resistance cable as described in Clause 26.2e of BS 5839-1:2013.

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Obada Aléa

Signed for BRE Global Ltd.

Obada Piracha
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