

Certificate of Product Approval

Certificate Number: 172i

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 ST BS

Standard(s) (see Appendix for details)

BS 7629-1:2015 (Standard 30 & 60)
BS 6387:2013 (Category CWZ)
EN 50200:2015 (Class PH60 & PH120)
EN 50200:2006 Annex E (30 mins)
BS 5839-1:2013 (Clause 26.2d Standard)

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

13 November 2020
Date of Issue

28 January 2020
Date of First Issue



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Appendix to Certificate No: 172i DÄTWYLER IT INFRA AG

Issue: 02

Product name						LPCB Ref. No.
DFS ST BS						172i/01
Nominal csa of conductor (mm ²)	Core Construction (excluding drain wire and earth)	BS 7629-1	BS 6387	EN 50200	EN 50200 Annex E	BS 5839-1 Clause 26.2d
1.0 ⁽¹⁾	2	Standard 30 ⁽⁴⁾	C W Z	Class PH30	30mins ⁽⁵⁾	Standard ⁽⁶⁾
1.5 ⁽²⁾	2,3 & 4	Standard 60 ⁽⁴⁾	C W Z	Class PH60 & PH120	30mins ⁽⁵⁾	Standard ⁽⁶⁾
2.5 ⁽²⁾	2,3 & 4	Standard 60 ⁽⁴⁾	C W Z	Class PH60 & PH120	30mins ⁽⁵⁾	Standard ⁽⁶⁾
4.0 ⁽³⁾	2,3 & 4	Standard 60 ⁽⁴⁾	C W Z	Class PH60 & PH120	30mins ⁽⁵⁾	Standard ⁽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 ST 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 30 mins when tested in accordance with EN 50200:2015 Annex E is achieved by 15 mins for the fire and impact phase and an additional 15 mins for the fire, impact and water phase.
6. The DFS ST BS cables listed conform to BS 7629-1:2015 met Class PH60 when tested in accordance with EN 50200:2015 and met the 30 mins duration when tested in accordance with EN 50200:2015 Annex E and hence met the requirements for standard fire resistance cable as described in Clause 26.2d of BS 5839-1:2013.

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