

Compliance Statement

No. 2021-072

Connecting Hardware, Category 6A

Including 4 Pair Power over Ethernet (4PPoE)

(Un-mating connectors under electrical load of up to 2 A per conductor)

Company

Schneider Electric Industries SAS
35 rue Joseph Monier
CS 30323
92506 Rueil Malmaison Cedex
France

Product description

Unscreened Category 6A RJ45 Connector characterised up to 500 MHz, 100 Ω

Product identification

VDIB177xXUyy – S-One and S-One DPM Connector Series

(x denotes the footprint version, yy denotes the packaging size)

Generic cabling and cabling components standards - Category 6A connector requirements

- ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
- IEC 60603-7-41:2010
- EN 50173-1:2018 / EN 50173-2:2018
- TIA-568.2-D:2018
- IEC 60512-99-002:2019

including all connector alien crosstalk parameters (PS ANEXT and PS AFEXT)

Technical report

12031928-04, DANAK-19/21705

EC Cabling product ID

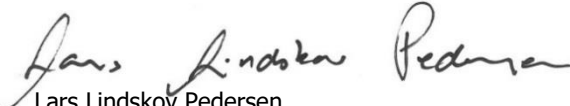
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CS valid until

1 March 2022

This product has been tested by FORCE Technology and complies with the electrical requirements of the above specified standards and "Terms and conditions for the EC VERIFIED programme for Generic and Coaxial Cabling", DQP231006. The testing included measurement of NEXT with a compliant test plug and calculation of all the 14 test cases in both measurement directions. The product takes part in a maintenance of certification schedule, which implies that FORCE Technology performs a quality audit of the manufacturer's production and QA sites. The maintenance testing of the product is performed on a sample basis once a year.

Hørsholm, 2 February 2021


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Test Manager


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