

Test report

N°: 202104106_001

Delivered to : Société nVent – ERICO
Rue Charles Dallery, BP 31 42161 Andrézieux Bouthéon Cedex FRANCE

Device under test : fleXbus

Reference : FLEXCOND220; FLEXCOND360; FLEXCOND545; FLEXCOND640;
FLEXCOND960; FLEXCOND1280; FLEXCOND1810; HCBC Clamps; HCBC
Plates; Extenders

Trade mark : nVent - ERICO

Manufacturer : nVent - ERICO

Type/Nature of test : Temperature-rise §10.10.2.3

Standard : According to IEC 61439-1 (Ed 3.0 2020/05) Low-voltage switchgear and
controlgear assemblies Part 1: General rules / IEC60364 Manufacturer
Requirements (Part 5-52 Selection and erection of electrical equipment – Wiring
systems; Part 4-42 Protection for safety – Protection against thermal effects)

Date(s) of the tests : From 2021/05/28th to 2021/06/23th

Place of tests : F-lab - Site Volta – Grenoble France

Conclusion

The results of the tests performed on the device are compliant with the items requirements of the standard request mentioned in this report.

None of the temperatures measured on any of the components listed in chapter 1 exceeds the temperature of 90 ° C on insulations general operating conditions.

The sample of fleXbus conductors, HCBC Clamp & Plate and extenders complied with the requirements of the test specification

The results obtained during the tests consigned in this test report justify the above assigned characteristics stated by the manufacturer. To declare, or not, the compliance according the standard, it was not take into account of uncertainty measurements in the test results. This document results from tests carried out on a sample. It does not prejudice the compliance of the whole manufactured products with the tested specimen.

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Dispatch date of report: 2021/07/20th

Approver
REYNAUD Yves – Test Leader



Approver
GARNIER Sylvain - Technical
Manager

