



TEST REPORT

N. 11-0071-02 issued on 2011-04-04

Test Object Busbar trunking system

Model BLINDOCOMPATTO BX-E

Type 800 A 3P+N+PE

Identification - drawings:
 BX-E 0006/DD;
 BX-E 0007/DD;
 BX-E 0008/DD;
 by POGLIANO BUSBAR S.p.A. (pages 7+9/16);

Manufacturer POGLIANO BUSBAR s.r.l. - C.so Allamano 43 – Grugliasco (TO) - Italy

Date of the tests 2010-07-07

Test specification Standards: IEC 60439-2 Ed.2.0 (2000-11) / IEC 60439-2/A1 (2006-08)
 Subclauses:
 8.2.3 Verification of short circuit withstand strength;
 8.2.4 Verification of the effectiveness of the protective circuit

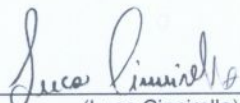
Rating assigned by the Customer to the test object:
 - Rated operational voltage (Ue): 1000 V;
 - Rated frequency : 50/60 Hz;
 - Rated short circuit current (Icw): 40 kA;

The characteristics of the test object are listed in page 2/16.

Laboratory logbook R-EM-09-01

Customer POGLIANO BUSBAR s.r.l.
Address C.so Allamano 43
 Grugliasco (TO)
 Italy

Tested by


 (Luca Cinnirella)

Authorized signatory
 The Head of the Electromagnetics Division


 (Vincenzo Lacquaniti)

This report states that the measurements have been carried out using devices traceable to the Italian National Standards (Ministerial Decree no. 591/1993) and to the measurement units realized or maintained by INRIM, according to the Italian law no. 273/1991.

The results reported in this document refer exclusively to the items described and to the specified measurement conditions. The authenticity of this report is proved by the original signatures and the embossing stamp.

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Description and characteristics of the test object

- Manufacturer	: POGLIANO BUSBAR s.r.l
- Model	: BLINDOCOMPATTO BX-E;
- Type	: 800 A;
- Number of phases	: 3 + N
- Aluminium Alloy busbars (R-S-T-N) cross-section	: (6,45 x 75) mm ² ;
- Iron zinc coated enclosure PE conductor cross-section	: 930 mm ² ;
- Rated Frequency	: 50/60 Hz
- Rated current (I_n)	: 800 A;
- Rated operational voltage (U_e)	: 1000 V;
- Rated insulation voltage (U_i)	: 1000 V
- Rated peak withstand current (I_{pk})	: 84 kA;
- Rated short-time withstand current (I_{cw})	: 40 kA (r.m.s. value) for 1 s;
- Overall element dimensions in mm	: Height : 88; Width: 140; Length: 2000.

Checked by:


(A. Sardi)