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# Certificate of Conformity

LOVAG-Certificate No. IT 11.030

## Apparatus

Low voltage busbar trunking system - 1000 V ( $U_e$ ) - 1000 V ( $U_l$ ) - frequency

50-60 Hz	$I_n$ 2500 A	$I_{cw}$ 100 kA	$I_{pk}$ 220 kA
	$I_n$ 3200 A	$I_{cw}$ 100 kA	$I_{pk}$ 220 kA
	$I_n$ 4000 A	$I_{cw}$ 120 kA	$I_{pk}$ 264 kA

This Certificate applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designation with that tested rests with the manufacturer or responsible vendor.

This certificate has been prepared according to LOVAG (Low Voltage Agreement Group) Objectives and Operating Principles of mutual recognition.

The responsible certification body as member of LOVAG issues a Certificate of Conformity with the above mentioned Standard(s) following the exclusive use of LOVAG Test Instructions wherever applicable.

Only integral reproduction of this Certificate or reproductions of this page accompanied by any page(s) on which are stated the tests performed and the assigned rated characteristics of the apparatus tested, are permitted without written permission from the LOVAG signatory responsible for this Certificate.

The expiry of this certificate see ACAE certification scheme.

## Designation

BX-E line AL

## Manufacturer or responsible vendor

Pogliano Busbar S.r.l - Corso Allamano 43 - 10095 Grugliasco (TO)

Tested for: Pogliano Busbar S.r.l

Tested by: ACAE Laboratory IP 01

The apparatus, constructed in accordance with the description mentioned in the Test Report listed on this Certificate has been subjected to the series of proving tests in accordance with IEC/EN 60439-2 Ed.3 (2000)+A1 (2005)

- 8.2.1 Verification of temperature-rise limits
- 8.2.2 Verification of dielectric properties
- 8.2.5 Verification of clearance and creepage distance
- 8.2.10 Verification of structural strength
- 8.2.13 Verification of the electrical characteristics

The results are shown in the Test Report in accordance to LOVAG. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the characteristic assigned by the manufacturer

This document includes Test Report No.: 10.260-1  
Issue date: 13.04.2011  
Test Report No.: 10.260-2  
Issue date: 13.04.2011  
Test Report No.: 10.260-3  
Issue date: 13.04.2011

Responsible Certification Body: ACAE



PRD N°070B  
Signatory of EA, IAF and ILAC  
Mutual Recognition Agreements



Mauro Marchi

Authorized Signature

Date: 2011.05.02

**Test Report No 10-260/01**

Test Laboratory : IP 01

Client : Pogliano Busbar s.r.l.

Manufacturer : Pogliano Busbar s.r.l.

Test object : BX-E line AI

Type designation : 2500 A AI

Date(s) of test(s) : 01/03/11

Date(s) of receipt : 27/02/11

Test specifications : IEC/EN 60439-2: Ed.3.0 (2000) + A1 (2005)

Test performed : 8.2.1 Verification of Temperature-rise Limits  
8.2.2 Dielectric properties  
8.2.5 Clearances and creepage distances  
8.2.6 Verification of structural strenght  
8.2.11 Verification of the electrical characteristics

Test results : Positive

The Record of Proving Test consists of :

11 pages LOVAG test report forms	.../..... oscillograms
.../.... other pages	...2... drawings
.../.... Diagrams	.../... photographs

Date of issue : 13/04/11

Responsible Test Laboratory  
Antonio Di Tondo



Signatures : Daniela Graziano  
(Authorised representative)

ACAE Inspector  
G. Farina



Note:  
The test results relate only to the items tested.  
The test report shall not be reproduced except in full  
without the written approval of the test laboratory.

## Test Report No 10-260/02

Test Laboratory : IP 01

Client : Pogliano Busbar s.r.l.

Manufacturer : Pogliano Busbar s.r.l.

Test object : BX-E line Al

Type designation : 3200 A Al

Date(s) of test(s) : 03/03/11

Date(s) of receipt : 27/02/11

Test specifications : IEC/EN 60439-2: Ed.3.0 (2000) + A1 (2005)

Test performed : 8.2.1 Verification of Temperature-rise Limits  
8.2.2 Dielectric properties  
8.2.5 Clearances and creepage distances  
8.2.6 Verification of structural strenght  
8.2.11 Verification of the electrical characteristics

Test results : Positive

The Record of Proving Test consists of :

11 pages LOVAG test report forms	.../..... oscillograms
.../.... other pages	...2... drawings
.../.... Diagrams	.../... photographs

Date of issue : 13/04/11

Responsible Test Laboratory  
Antonio Di Tondo



Signatures : Daniela Graziano  
(Authorised representative)

ACAE Inspector  
G. Farina



Note:  
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## Test Report No 10-260/03

Test Laboratory : IP 01

Client : Pogliano Busbar s.r.l.

Manufacturer : Pogliano Busbar s.r.l.

Test object : BX-E line AI

Type designation : 4000 A AI

Date(s) of test(s) : 08/03/11

Date(s) of receipt : 27/02/11

Test specifications : IEC/EN 60439-2: Ed.3.0 (2000) + A1 (2005)

Test performed : 8.2.1 Verification of Temperature-rise Limits  
8.2.2 Dielectric properties  
8.2.5 Clearances and creepage distances  
8.2.6 Verification of structural strenght  
8.2.11 Verification of the electrical characteristics

Test results : Positive

The Record of Proving Test consists of :

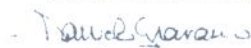
11 pages LOVAG test report forms      .../..... oscillograms  
.../.... other pages      ...2... drawings  
.../.... Diagrams      .../.... photographs

Date of issue : 13/04/11

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