



## Certificate of Conformity

LOVAG-Certificate No.: IT 20.032  
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This Certificate applies only to the apparatus verified. The responsibility for conformity of any apparatus having the same designation with that verified rests with the manufacturer.

This certificate has been prepared according to LOVAG (Low Voltage Agreement Group) Objectives and Operating Principles of mutual recognition. The responsible certification body as a member of LOVAG issues a Certificate of Conformity with the above mentioned Standard(s) following the exclusive use of LOVAG Verification instruction wherever applicable

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### Apparatus Low-voltage busbar trunking system

1000V ( $U_e$ ) – 1000V ( $U_i$ ) – 12kV ( $U_{imp}$ ) – 50/60Hz – 5000A ( $I_{nA}$ ) – 150kA, 1s ( $I_{cw}$ ) – IP55/IP65

**Designation Type : XCP-HP 5000A AI (4C,5C Type1,2,3)**

**Manufacturer : BTICINO SPA – LEGRAND GROUP**

Via XXV Aprile n°10, 25080 Castrezzone-Muscoline (BS), Italy.

**Applicant : BTICINO SPA – LEGRAND GROUP**

Viale Borri n°231, 21100 Varese (VA), Italy.

**Verified by ACAE Laboratory:**

**IB01/LAM Varese (Italy)**

**IZ01 Castrezzone di Muscoline BS (Italy)**

**IV01 Budapest (Hungary)**

**CSI Bollate MI (Italy)**

The apparatus, constructed in accordance with the description mentioned in the Reports listed in this Certificate has been subjected to the series of proving verifications in accordance with IEC 61439-6 (2012-05) and EN 61439-6 (2012-08).

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



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

**Responsible Certification Body: ACAE**  
Via Tito Livio, 5 – 24123 – BERGAMO (Italy)

Authorized Signature Virginio Scarioni  
Date: 2020.06.29



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Standard IEC 61439-6 Subclause	TEST	Test Report No.
10.2.2	Resistance to corrosion severity test A	1507—IP *
10.2.3.1	Thermal stability test Bb	1507—IP *
10.2.3.2	Resistance to abnormal heat and fire due to internal electric effects	1507—IP *
10.2.6	Protection against mechanical impact IK10	1750-1
10.2.7	Marking	1507—IP *
10.2.101	Ability to withstand mechanical loads heavy loads	1750-1
10.101	Resistance to flame-propagation	0226\DC\REA\19_3 *
10.3	Degree of protection of assembly IP55 and IP65	1507—IP *
10.4	Clearances and creepage distances	1750-1
10.5	Protection against electric shock and integrity of protective circuits 90kA -1s	11264/VNL
10.9.2	Power-frequency withstand voltage	1750-1
10.9.3	Impulse withstand voltage Uimp 12kV	1750-1
10.10	Temperature-rise limits	1750-1
10.11	Short-circuit withstand strength 150kA – 1s	11264/VNL
10.13	Mechanical strength/operation	Not applicable



\* The tests were carried-out on types which are representative of the product under certification.



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This document includes:

Reference table tests/products file n.1750  
Issue Date : 2020.05.21  
Test Reports No.: 1750-1  
Issue Date : 2020.03.05  
Test Reports No.: 11264/VNL  
Issue Date : 2020.03.03  
Test Reports No.: 1507-IP  
Issue Date : 2019.05.29  
Test Reports No.: 0226\DC\REA\19\_3  
Issue Date : 2019.03.11



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Authorized Signature: Virginio Scarioni  
Date: 2020.06.29