# Certificate
## of Conformity

LOVAG-Certificate No.: IT 20.117


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



**Apparatus: Low-voltage busbar trunking system**
1000V ($U_n$) – 1000V ($U_i$) – 12kV ($U_{imp}$) – 50/60Hz ($f_n$)– 250A ($I_{nA}$) – 25kA 0,1s ($I_{cw}$) – IP55 - IK10

**Designation Type: XCM 250A Al (4; 4R; 5; 3 versions)**

**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 Varese (Italy)**
**IB01/LAM Varese (Italy)**
**IZ01 Castrezzone di Muscoline BS (Italy)**
**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 as stated at pages no. 2 and no.3.

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 VirginioScarioni
Date: 2022.01.19

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This document includes:

Test Reports No.: 1982-1
Issue Date : 2021.07.05
Test Reports No.: 1982-2
Issue Date : 2021.07.29
Test Reports No.: 1981-1982-1983 H75
Issue Date : 2021.10.11
Test Reports No.: 1981-1982-1983-1984-1985-1986-1987-1988 LAM
Issue Date : 2021.07.26
Test Report No.: 0622\DC\REA\20
Issue date : 2020.06.10
Test Reports No.: CSI2386FR
Issue Date : 2021.08.26
Test Reports No.: CSI2404FR
Issue Date : 2021.08.26

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

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO
PRD N°070B

Signatory of EA, IAF and ILAC
Mutual Recognition Agreements

Authorized Signature: Virginio Scarioni
Date: 2022.01.19

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| Standard IEC 61439-6 Subclause | TEST | Test Report No. |
|---|---|---|
| 10.2.2 | Resistance to corrosion (severity A) | 1981-1982-1983-1984-1985-1986-1987-1988 LAM * |
| 10.2.3.1 | Thermal stability | 1981-1982-1983-1984-1985-1986-1987-1988 LAM * |
| 10.2.3.2 | Resistance to abnormal heat and fire due to internal electric effects | 1981-1982-1983-1984-1985-1986-1987-1988 LAM * |
| 10.2.6 | Protection against mechanical impact | 1982-1 |
| 10.2.7 | Marking | 1981-1982-1983-1984-1985-1986-1987-1988 LAM * |
| 10.2.101 | Ability to withstand mechanical loads | 1982-1 |
| 10.3 | Degree of protection of assembly IP55 and IP65 | 1981-1982-1983-1984-1985-1986-1987-1988 LAM * |
| 10.4 | Clearances and creepage distances | 1982-1 |
| 10.5 | Protection against electric shock and integrity of protective circuits | 1982-2** 1981-1982-1983 H75*** |
| 10.9.2 | Power-frequency withstand voltage | 1982-1 |
| 10.9.3 | Impulse withstand voltage | 1982-1 |
| 10.10 | Temperature-rise limits | 1982-1 |
| 10.11 | Short-circuit withstand strength | 1982-2* |
| 10.13 | Mechanical strength/operation | Not applicable |
| 10.101 | Resistance to flame-propagation | 0622\DC\REA\20 |
| 10.102 | Fire resistance in building penetration | CSI2386FR CSI2404FR |

* The tests were carried-out on types which are representative of the product under certification.
** Short-circuit Ph-PE value is representative for XCM 4R versions
*** Short-circuit Ph-PE value is representative for XCM 3, 4 e 5 versions

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

Authorized Signature: Virginio Scarioni
Date:2022.01.19

# LOVAG CERTIFICATES

| | |
|---|---|
| LOVAG | is the Low Voltage Agreement Group, which is a Mutual Agreement Group of Certification Bodies founded in 1991, which has achieved a high level of competence in testing and certification of low voltage equipment.<br>LOVAG's main purpose as an Agreement Group shall be for the mutual recognition of test reports and/or certificates of conformity by its signatories. |
| Membership | LOVAG presently has five signatories (Certification Bodies) to the Agreement:<br>ACAE (Italy), Applus+ Laboratories (Spain), ASEFA (France), IMQ (Italy), and SGS Belgium NV - Division SGS CEBEC (Belgium) and employs more than 30 Testing Laboratories. |
| Certificates | LOVAG Certificates are issued by the LOVAG Certification Bodies using verification reports and certificates in a common and recognisable format in the market. They are recognised and accepted in the European Economic Area and elsewhere in the world. |
| LOVAG Instructions | LOVAG uses common Instructions for verification by Testing, Comparison or Assessment of the International and Standards covered by the Agreement and signatories to the Agreement abide by these when verifying for LOVAG Certification. |
| Qualifications | All signatory bodies to the Agreement are accredited to ISO IEC 17065 by accreditors being members of IAF, the International Accreditation Forum. They are located in a member country of the EU and their laboratories are accredited and/or assessed to EN ISO/IEC 17025. |

For further information contact your local certification body or the Secretariat of LOVAG by e-mail or by fax from the list below.

## LOVAG Certification Bodies and LOVAG Secretariat:

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### ASEFA

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**F-92260 Fontenay-aux-roses**
**FRANCE**

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### Applus+ Laboratories

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