



## Certificate of Conformity

LOVAG-Certificate No.: IT 22.024  
Page 1 of 2

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

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

**Apparatus: Low-voltage busbar trunking system**

1000V ( $U_e$ ) – 1000V ( $U_i$ ) – 12kV ( $U_{imp}$ ) – 32A ( $I_{nc}$ ) – 20kA ( $I_{cf}$ ) - IP55 – IK10

**Designation Type: XCP/XCM Fiberglass plastic Tap-off box  
ZUCCHINI 32A**

**Manufacturer: Bticino SpA – Legrand Group**

Via XXV Aprile, 10 – 25080 Castrezzone-Muscoline (BS) Italy

**Applicant: Bticino SpA – Legrand Group**

Viale Borri, 231 – 21100 Varese - Italy

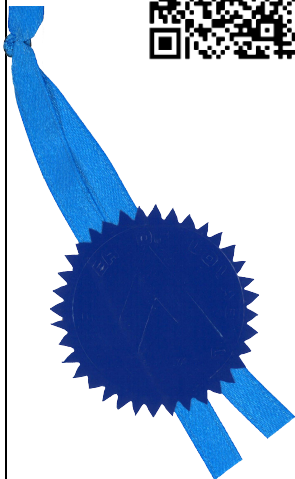
**Verified by: ACAE Laboratory:  
IZ01 Castrezzone di Muscoline BS (Italy)  
IB01 Varese (Italy)**

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 page no. 2



This document includes: Test Reports No.: 1834  
Issue Date : 2022.06.13  
Test Reports No.: 1834-1  
Issue Date : 2022.06.15  
Test Reports No.: 1384-2  
Issue Date : 2022.06.10



**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 Scaroni

Date: 2022.06.23



## Certificate of Conformity

LOVAG-Certificate No.: IT 22.024  
Page 2 of 2



Standard IEC 61439-6 Subclause	TEST	Test Report No.
10.2.2	Resistance to corrosion Sev.A	1834-1
10.2.3.1	Thermal stability	1834-1
10.2.3.2	Resistance to abnormal heat and fire due to internal electric effects	1834-1
10.2.6	Protection against mechanical impact IK10	1834-2
10.2.7	Marking	1834-1
10.2.102	Thermal cycling test $I_{nc}$ 32 A	1834-2
10.3	Degree of protection IP55	1834-1
10.4	Clearances and creepage distances	1834-2
10.5	Protection against electric shock and integrity of protective circuits	1834
10.9.2	Power-frequency withstand voltage $U_i$ 3500 Vac	1834-2
10.9.3	Impulse withstand voltage $U_{imp}$ 12 kV	1834-2
10.10	Temperature-rise limits $I_{nA}$ 500 A	1834-2
10.11	Short-circuit withstand strength $I_{cf}$ 20 kA – 415V	1834
10.13	Mechanical strength/operation 50 cycle	1834-2

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



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

Authorized Signature: Virginio Scarioni  
Date:2022.06.23

## 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. 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: 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:

<p><b>ACAE</b> Via Tito Livio 5 I-24123 Bergamo ITALY Fax: + 39 035 453 4662 e-mail: <a href="mailto:acaecert.it">acaecert.it</a> Web : <a href="http://www.acaecert.it">www.acaecert.it</a></p> 	<p><b>ASEFA</b> 33 Av du General Leclerc F-92260 Fontenay-aux-roses FRANCE e-mail: <a href="mailto:contact@asefa-cert.com">contact@asefa-cert.com</a> Web: <a href="http://www.asefa-cert.com">www.asefa-cert.com</a></p> 
<p><b>Applus+ Laboratories</b> Campus UAB E-08193 Bellaterra (Barcelona) SPAIN Fax: + 34 93 567 20 01 e-mail: <a href="mailto:info.appluslaboratories@applus.cr">info.appluslaboratories@applus.cr</a> Web: <a href="http://www.applus.corp.com">www.applus.corp.com</a></p> 	<p><b>SGS Belgium N.V.</b> Division SGS CEBEC Business Riverside Park Av Internationalelaan, 55 B-1070-Brussels BELGIUM Fax: + 32 2 556 00 36 e-mail: <a href="mailto:silvio.piras@sgs.com">silvio.piras@sgs.com</a> Web: <a href="http://www.cebex.sgs.com">www.cebex.sgs.com</a></p> 
<p><b>IMQ S.p.A.</b> Via Quintiliano 43 20138 Milano ITALY Fax: +39 0250991510 e-mail : <a href="mailto:lovag@imq.it">lovag@imq.it</a> Web: <a href="http://www.imq.it">www.imq.it</a></p> 	<p><b>LOVAG Secretariat</b> at ETICS aisbl Rue des Deux Églises, 29 B-1000-Brussels - BELGIUM e-mail: <a href="mailto:secretariat@etics.org">secretariat@etics.org</a> Web: <a href="http://www.lovag.net">www.lovag.net</a></p> 