



ASSOCIAZIONE PER LA CERTIFICAZIONE  
DELLE APPARECCHIATURE ELETTRICHE



Via Tito Livio, 5 - 24123 - BERGAMO ( Italy )

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# Certificate of Conformity

LOVAG-Certificate No. **IT 06.027**

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## Apparatus

Low voltage busbar trunking system-3P+N+PE- 1000 V (U<sub>0</sub>) - 1000 V (U<sub>1</sub>) -  
frequency 50-60 Hz

I <sub>n</sub>	630	-	800	-	1000	-	1250	-	1600	-	2000	A
I <sub>cw</sub>	38	-	42	-	70	-	80	-	80	-	80	kA

## Designation

**SCP 630 A AI - 800 A AI - 1000 A AI - 1250 A AI - 1600 A AI - 2000 A AI**

## Manufacturer or responsible vendor

**ZUCCHINI S.p.A.** - Via Conicchio, 34 - 25136 Brescia (Italy)

## Tested for: ZUCCHINI S.p.A.

**Tested by: ACAE Laboratory IZ01, IB01 and IV 01 (VEIKI-VNL)**

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)

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.

- 8.2.1 Verification of temperature-rise limits
- 8.2.2 Verification of dielectric properties
- 8.2.3 Verification of short-circuit strength (for SCP 630 A only)
- 8.2.4 Verification of the effectiveness of the protective circuit (for SCP 630 A only)
- 8.2.5 Verification of clearances and creepage distances
- 8.2.6 Verification of mechanical operation
- 8.2.7 Verification of the degree of protection
- 8.2.9 Verification of electrical characteristics of busbar trunking system
- 8.2.10 Verification of structural strength
- 8.2.12 Verification of crushing resistance
- 8.2.13 Verification of the resistance of insulating materials to abnormal heat
- 8.2.14 Verification of resistance to flame propagation

Responsible Certification Body: ACAE

Mauro Marchi

Authorized Signature

Date: 2006.07.20



**SINCERT**

ACCREDITAMENTO ORGANISMI DI CERTIFICAZIONE E ISPEZIONE

PRD N°070B

Signatory of EA and IAF Mutual Recognition Agreements



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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 as detailed below

$$U_i/U_e = 1000 \text{ V}$$

$$I_n = 630 - 800 - 1000 - 1250 - 1600 - 2000 \text{ A}$$

$$I_{cw} = 42 - 42 \text{ kA}$$

- 1 - Protection degree: IP 55
- 2 - Electrical characteristics (see test reports)
- 3 - Structural strength for normal mechanical loads and crushing resistant
- 4 - Insulating materials resistant to abnormal heat
- 5 - Busbar trunking system resistant to flame propagation

This document includes Report No.: 05.073-1 Issue Date: 2006.07.14  
Report No.: 05.073-2 Issue Date: 2006.07.14  
Report No.: 05.073-3 Issue Date: 2006.07.14  
Report No.: 05.073-4 Issue Date: 2006.07.14  
Report No.: 05.073-5 Issue Date: 2006.07.14  
Report No.: 05.073-6 Issue Date: 2006.07.14  
Report No.: 06.001 Issue Date: 2006.07.14  
Report No.: 4466/VNL Issue Date: 2006.03.30

Report No.: 011577-1/LSF Issue Date 2006.06.26

Responsible Certification Body: **ACA E**



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

Mauro Marchi

Authorized Signature

Date: 2006.07.20