

**Type Test Certificate of** Dielectric performance, temperature rise performance, short-circuit performance

**Apparatus** Three-pole vacuum circuit-breaker for indoor application

**Designation** VB4-17.12.31-S

Rated voltage 17,5 kV ; Rated normal current 1250 A ; Rated frequency 50 Hz

**Manufacturer** ABM INTRA s.r.o.  
Zdanska 477, 68501 Bucovice, Czech Republic

**Client** ABM INTRA s.r.o.  
Zdanska 477, 68501 Bucovice, Czech Republic

**Tested by** CESI S.p.A. - Milan, ITALY

**Tests date** from July 2, 2012 to January 31, 2013

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in the reference documents identified in this Certificate, has been subjected to the series of proving tests in accordance with

**IEC 62271-100 (2008-04)**  
Sub-clauses 6.2, 6.4, 6.5, 6.6, 6.102 to 6.106, 6.108

**This Type Test Certificate has been issued by CESI following exclusively the STL Guides.**

The results are shown in the record of Proving Tests and the oscillograms attached in the Test Reports. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the Manufacturer as listed on page No. 3.

The Certificate applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any pages on which are stated the endorsed ratings of the apparatus tested, are permitted without written permission from CESI.

**No. of pages** 4 **No. of pages annexed** -

**Issue date** April 8, 2014

**Prepared** PSV - Beccarini Pierangelo  
B4009326 2925 AUT

**Verified** PMV - Magistris Paolo, PSV - Colombo Piero  
B4009326 3845 VER B4009326 2158654 VER

**Approved** PMI - The Manager - Arcidiaco Lorenzo  
B4009326 821814 APP

**CESI** S.p.A.  
Testing & Certification Division  
Testing Operations Area  
"Milan Platform"  
Manager