

## TYPE TEST CERTIFICATE

APPROVED

B5024783

**Type Test Certificate of** Short-circuit performance

**Apparatus** Earthing-switch set in AC three-phase air-insulated metal-enclosed switchgear and controlgear

**Designation** ES-17.5/50-210  
Rated voltage 17,5 kV ; Rated frequency 50 Hz

**Manufacturer** Eaton Corporation  
1000 Cherrington Parkway, Moon Township, PA 15108 - USA

**Client** Eaton Corporation  
1000 Cherrington Parkway, Moon Township, PA 15108 - USA

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

**Tests date** from February 16, 2015 to April 29, 2015

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 62271-102 (2013-02)**  
**Sub-clauses 6.6 and 6.101**

**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.

This 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** November 27, 2015

**Prepared** PSV - Beccarini Pierangelo  
B5024783 2625 AUT

**Verified** PMV - Magistris Paolo, PSV - Vidori Mauro  
B5024783 3845 VER B5024783 2158654 VER

**Approved** PMI - The Manager - Arcidiaco Lorenzo  
B5024783 821814 APP

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