

Type Test Certificate of	Short circuit performance	
Apparatus	Three-phase vacuum circuit-breaker type with PT2 Thermoplastic Pole, set in air-insulated cubicle	
Designation	VD4 17.20.40 P210	
	Rated voltage 17,5 kV ; Rated normal current 2000 A ; Rated frequency 50 Hz	
Manufacturer	ABB S.p.A. Power Products Division U.O. SACE - MV under license of ABB Technology LTD.	
Client	ABB Technology LTD. Affolternstrasse 44 Ch 8050 Zurich - Switzerland	
Tested by	CESI S.p.A. - Milan, ITALY	
Tests date	from December 11, 2013	to December 18, 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 Edition 2.0 (2008-04)
Clauses 6.6, 6.102 to 6.106 and 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 February 10, 2015

Prepared PSV - Beccarini Pierangelo
B4012089 2925 AUT

Verified PMV - Magistris Paolo, PSV - Vidori Mauro
B4012089 3845 VER B4012089 2158654 VER

Approved PMI - The Manager - Arcidiaco Lorenzo
B4012089 821814 APP

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

