

**Type Test Certificate of** Dielectric performance, temperature rise performance, short circuit and making and breaking performance

**Apparatus** Three-phase air-insulated metal-enclosed switchgear and controlgear composed by No.4 functional units

**Designation** MSGair

Rated voltage 12 kV ; Rated normal current 2000 A ; Rated frequency 50 Hz

**Manufacturer** Medelec Switchgear Ltd.  
BLB033 Bulebel Industrial Estate, 3000 Zejtun - Malta

**Client** Medelec Switchgear Ltd.  
BLB033 Bulebel Industrial Estate, 3000 Zejtun - Malta

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

**Tests date** from July 4, 2014 to July 22, 2014

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 62271-200 (2011-10)**  
**Sub-clauses 6.2, 6.4, 6.5, 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.

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** 7 **No. of pages annexed** -

**Issue date** November 13, 2014

**Prepared** PSV - Beccarini Pierangelo  
B4028170 2925 AUT

**Verified** PMV - Magistris Paolo, PSV - Vidori Mauro  
B4028170 3845 VER B4028170 2158654 VER

**Approved** PMI - The Manager - Arcidiaco Lorenzo  
B4028170 821814 APP

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

PAD B4028170 (2026088) - CONFIDENTIAL USE

Mod. RPRO v. 8