

Test Certificate of	Verification of temperature-rise limits Verification of short-circuit withstand strength of the main circuit Verification of the protective circuit: <ul style="list-style-type: none"> • Verification of the effective connection between the exposed conductive parts of the assembly and protective circuit • Verification of the short-circuit withstand strength of the protective circuit
Tested samples/items	Low-voltage switchgear and controlgear assembly, three-phase with neutral bar
Designation	LVDB PANEL Rated voltage 415 V ; Rated normal current 1600 A ; Rated frequency 50 Hz
Manufacturer	ABB Electrical Industries Co. Ltd. P.O.Box 8796 - EAU-RIYADH 11492 - SAUDI ARABIA
Client	ABB Electrical Industries Co. Ltd. P.O.Box 8796 - EAU-RIYADH 11492 - SAUDI ARABIA
Tests date	from June 5, 2009 to June 10, 2009
Tested by	CESI S.p.A. - Milan - ITALY

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 60439-1 (1999:09 - Ed. 4)

Sub-clauses 8.2.1, 8.2.3, 8.2.4

This Test Certificate has been issued by CESI in accordance with above mentioned Standards.

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 Standards and to justify the ratings assigned by the Manufacturer as listed on page No.2.

This Test 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 Test 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.

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A9018869 2925 ALT

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A9018869 503478 VER

A9018869 3083 VER

Approved LAP - Il Responsabile - Nicolini Roberto

A9018869 821814 APP

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Energy Division
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