

Type Test Certificate of SWITCHING AND SHORT-CIRCUIT PERFORMANCE

Apparatus General Purpose three phase Class E1 switch, and earth making switch, for grounded and ungrounded neutral systems, inserted in a SF6 gas insulated switchgear consisting of three functional units (two cable feeder units and one transformer unit).

Designation INS24
Rated voltage 12 kV ; Rated normal current 630 A ; Rated frequency 50 Hz ;
Rated short-circuit current 20 kA

Manufacturer INDKOM Switchgear Sdn. Bhd.
Selangor darul Ehsan - MALAYSIA

Tested for INDKOM Switchgear Sdn. Bhd.
Selangor darul Ehsan - MALAYSIA

Date(s) of tests **from** January 19, 2007 **to** January 19, 2007
March 6, 2007 March 6, 2007

Tested by CESI S.p.A. – Milano – 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 60265-1 (1998)
Sub-clause 6.6 - Sub-clause 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 Standards and to justify the ratings assigned by the Manufacturer as listed on page No.2 .

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 3

Issue date July 9, 2007

Prepared Unit LABORATORIES - A. Geroli

Verified Unit LABORATORIES - G. Arneodo

Approved Area COMPONENTS - V. Scarioni

CESI
Centro Elettrotecnico Sperimentale Italiano
Giacinto Motta SpA
Manager of COMPONENTS Technical Area

V. Scarioni