

KEMA TYPE TEST CERTIFICATE OF COMPLETE TYPE TESTS

Object	Low-voltage switchgear and controlgear assembly		5178-18
Type	MSB-4000 A	Serial No.	TNH - 01
Rated voltage	400 V	Rated current	4000 A
Rated short-circuit current	65 kA	Rated frequency	50 Hz
Manufacturer	Truong Nam Hai Electromechanics Engineering, Consultant Company Limited, Lot B2-03, 04 Street No. 5, Tan Dong Hiep B Industrial Zone, Di An, Binh Duong Province, Vietnam *)		
Client	Truong Nam Hai Electromechanics Engineering, Consultant Company Limited, No. 6, Street No. 16, Linh Chieu Ward, Thu Duc District, HCM City, Vietnam		
Tested by	KEMA Laboratories Prague, Zkušebnictví, a.s., Podnikatelská 547, Prague 9, the Czech Republic		
Date of tests	04 July to 27 July 2018		

The object, constructed in accordance with the description, drawings and photographs incorporated in this Certificate has been subjected to the series of proving tests in accordance with

IEC 61439-2:2011, IEC 61439-1:2011

The results are shown in the record of proving tests and the oscillograms attached hereto. 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 6.

This Certificate applies only to the object tested. The responsibility for conformity of any object having the same type references as that tested rests with the Manufacturer.

*) as declared by the manufacturer

This Certificate consists of 161 pages in total.

Zkušebnictví, a. s.



Robert Jech
Operational Manager



Laboratories

Prague, 22 August 2018