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"Translation into English from the original in Italian"

## TEST REPORT

No. **28922/1/I**, consisting of no. *11* pages and issued on **19 September 1994**

delivered to **SCAE - PEDRENGO (Bergamo)**

according to application **012.9070/P** of **6 May 1994**

The test results in this report exclusively refer to the samples submitted to the tests and described in the following.

Any extension of the reference to samples or elements other than the above mentioned ones is out of the scope of the present report.

### **1.- OBJECT OF THE TEST**

No. 1 metal enclosed factory built assembly, manufactured by SCAE- Pedrengo (BG), for indoor installation, and specified as follows:

- type : UNIPOWER
- rated current : 2500 A
- rated voltage : 400 V
- rated frequency : 50 Hz

The electrical circuit of the factory built assembly is constituted, with reference to the electrical drawing no.1 enclosed, as follows:

- a) a three phase vertical copper busbar system, in which each phase and neutral have a cross sectional area of (80 x 10) mm<sup>2</sup>;
- b) a three phase copper busbar system, in which each phase and neutral have a cross sectional area of 100 mm<sup>2</sup>, connected to a four poles air-break automatic circuit breaker of rated current 100 A, type SN 100, manufactured by ABB SACE, marked B1 in this certificate;
- c) on the vertical busbar, described in a), six three phase without neutral copper busbars are derived, in which the cross sectional area of each phase is (30 x 8) mm<sup>2</sup>; each busbar is connected to a three poles air-break automatic circuit breaker of rated current 400 A, type SH 400, manufactured by ABB SACE, marked respectively in this certificate C1, D1, E1, F1, G1, H1.

Tested by

*Facchetti*  
*Bellaremino*

The Head of the  
Electromechanics Sector

*Ferraris*

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