

KEMA TYPE TEST CERTIFICATE OF COMPLETE TYPE TESTS

Object A three-phase dry-type cast-resin distribution transformer with off-load tap changer **2097-21**
Revision 1

Type SWD 1600/11 **Serial No.** 014132001

Rated power 1600 kVA
Rated voltage 11 kV $\pm 2 \times 2,5\%$ / 433 V
Connection symbol Dyn11
Rated frequency 50 Hz

Manufacturer Elsewedy Transformers
10th of Ramadan, Industrial Zone, A4, Sharqia Governorate, Egypt *)

Client Elsewedy Transformers
Plot 27, 1st District, 5th Settlement, New Cairo, Egypt

Tested by KEMA B.V.,
Klingelbeekseweg 195, Arnhem, The Netherlands

Date of tests 1 February to 19 March 2021

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 the complete type test requirements of

IEC 60076-11:2018

This Certificate has been issued by KEMA Labs following exclusively the STL Guides and Procedures.

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 and to justify the ratings assigned by the manufacturer as listed on page 6 and the dynamic ability to withstand short-circuits.

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 73 pages in total.

KEMA B.V.



Shankar Subramany
Director, High-Power
Laboratory

Arnhem, 9 April 2021