

## TYPE TEST CERTIFICATE OF SHORT-CIRCUIT PERFORMANCE

**APPARATUS** 

A three-phase dry-type power transformer

DESIGNATION

SWD 3150/22

SERIAL No.

10601001

Rated power

3150 kVA

Rated voltage

22 kV + 2 x 2,5% - 4 x 2,5% / 400 V

Connection symbol Rated frequency Dyn11 50 Hz

MANUFACTURER

Elsewedy Transformers,

10th Of Ramadan City, Egypt

**TESTED FOR** 

Elsewedy Transformers,

10th Of Ramadan City, Egypt

**TESTED BY** 

KEMA HIGH-POWER LABORATORY AND HIGH-VOLTAGE LABORATORY

Utrechtseweg 310 - 6812 AR Arnhem - The Netherlands

DATE(S) OF TESTS

30 May to 1 June 2011

The apparatus, 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 60076-11 (Short-circuit tests)

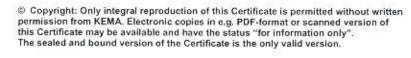
This Type Test Certificate has been issued by KEMA following exclusively the STL Guides.

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 with respect to the dynamic ability to withstand short-circuits.

This 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.

This Certificate consists of 40 sheets in total.

This Certificate falls under the scope of the accreditation certificates L 020 and L 218 of the Dutch Council for Accreditation. information sheet (page 2).



KEMA Nederland B

M. Verhoeven

Director Testing, Inspections & Certification The Netherlands

Arnhem, 24 August 2011

