

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 | Dyn11 |
| Rated frequency | 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. See information sheet (page 2).

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The sealed and bound version of the Certificate is the only valid version.

KEMA Nederland B.V.

 S.A.M. Verhoeven
 Director Testing, Inspections &
 Certification The Netherlands

Arnhem, 24 August 2011

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