

Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **44 993 - 07 HH**
Company **LSIS Co., Ltd.**
1, Song Jung-dong, Hung Duk-gu
Cheong Ju, Choongbuk 361-720, KOREA, REPUBLIC OF

Product Description **Molded Case Circuit Breaker SUSOL**

Type **TS800 E I N I S I H I P I L, ETS, ETM**

Environmental Category **C**

Technical Data / Range of Application
Number of poles : 3
Rated operational current I_e : 630, 800 A
Rated operational voltage U_e : 500 V AC
Rated insulation voltage U_i : 750 V AC
Rated impulse voltage U_{imp} : 8 kV
Rated frequency f_e : 50/60 Hz
Utilization category : A

Rated short circuit capacity Performance at :

| | | E | N | S | H | P | L |
|------|-------------------|-----|-----|-----|-----|-----|--------|
| 500V | I_{cm} | 187 | 220 | 264 | 264 | 330 | 440 kA |
| 240V | $I_{cs} = I_{cu}$ | 85 | 100 | 120 | 120 | 150 | 200 kA |
| 415V | $I_{cs} = I_{cu}$ | 50 | 65 | 85 | 100 | 130 | 150 kA |
| 460V | $I_{cs} = I_{cu}$ | 50 | 65 | 85 | 100 | 120 | 130 kA |
| 500V | $I_{cs} = I_{cu}$ | 42 | 50 | 65 | 85 | 85 | 100 kA |

Release system : Thermal, Magnetic, INST, STD

Test Standard **Guidelines for the Performance of Type Approvals Part 2, Edition 2003**
IEC 60947-2 (2003) incl. Annex F, H

Documents **Test report : KEMA 208602900.53 dated 2006-03-23**
KEMA 208602900.56 dated 2006-03-23
KEMA 2087087-QUA/EMC 05-4965 dated 2005-10-27
PT&T R36-0777 (2006-07-24)

Remarks **None**

Valid until **2017-01-17**

Page **1 of 1**

File No. **I.K.01**

Hamburg, **2012-01-18**

Type Approval Symbol



Germanischer Lloyd

Thomas Hartmann

Harald Amberger

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".