

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. 44 990 - 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 TD100, TD160 E\ N\ S\ H\ P\ L

Environmental Category C

Technical Data /
Range of Application

Number of poles	: 3
Rated operational current I_e	: 16 - 160 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}	130	187	187	220	330	440 kA
240V	$I_{cs} = I_{cu}$	65	85	85	100	150	200 kA
415V	$I_{cs} = I_{cu}$	35	50	65	85	130	150 kA
460V	$I_{cs} = I_{cu}$	35	50	65	70	100	130 kA
500V	$I_{cs} = I_{cu}$	18	30	42	50	60	65 kA

Release system : Thermal, Magnetic (INST)

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

Documents Test report : KEMA 208602900.50 dated 2006-03-23
PT&T R36-0770 dated 2006-08-19

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".