



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. 18 834 - 11 HH
Company LSIS Co., Ltd.
1, Song Jung-dong, Hung Duk-gu
Cheong Ju, Choongbuk 361-720, KOREA, REPUBLIC OF

Product Description Control Relay

Type MR-4, MR-6, MR-8
Auxiliary Contact block: UA-2, UA-4

Environmental Category C

Technical Data / Range of Application
Rated Insulation Voltage: 690 VAC
Rated Impulse Withstand Voltage: 6 kV
Rated Operational Current (A) AC-15, DC-13, A600, P600

Type:	MR-4	MR-6	MR-8
AC120V	6	6	6
AC240V	3	3	3
AC380V	1.9	1.9	1.9
AC480V	1.5	1.5	1.5
AC500V	1.4	1.4	1.4
AC600V	1.2	1.2	1.2

Type:	MR-4	MR-4	UA-2	MR-4	UA-4
DC125V	1.1	1.1	0.55	1.1	0.55
DC250V	0.55	0.55	0.27	0.55	0.27
DC400V	0.31	0.31	0.15	0.31	0.15
DC500V	0.27	0.27	0.13	0.27	0.13
DC600V	0.20	0.20	0.10	0.20	0.10

Test Standard Guidelines for the Performance of Type Approvals Chapter 2, Edition 2003
IEC 60947-1: 2004, IEC 60947-5-1: 2003 +A1: 2009

Documents Test report : IECCE CB Scheme DK-20732 dated 2010-11-11
PT&T Test Report No. R410-2675, R410-2676, R410-2677 dated 2011-04-18

Remarks None

Valid until 2016-04-28

Page 1 of 1

File No. I.K.04

Hamburg, 2011-04-29

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".