



Type Approval Certificate

Germanischer Lloyd

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. **20 644 - 04 HH**

Company **LS Industrial Systems Co., Ltd.
1, Song Jung-dong, Hung Duk-gu
Cheong Ju, Choongbuk 361-720, Korea**

Product Description **Electromagnetic contactors**

Type **GMC-100, GMC-125, GMC-150**

Environmental Category **C**

Technical Data /
Range of Application

**Rated voltage Ue: 690 V
Rated frequency fe: 50 /60 Hz
Rated insulation voltage Ui: 690 V
Rated impulse withstand voltage Uimp :8 kV**

	GMC-100	GMC-125	GMC-150
Main contacts			
Rated thermal current Ith (40°C):	150 A	150 A	200 A
Rated operational load			
Utilization category AC3 (240 V):	105 A	125 A	150 A
Utilization category AC3 (440 V):	105 A	120 A	150 A
Utilization category AC3 (550 V):	85 A	90 A	140 A
Utilization category AC3 (690 V):	65 A	70 A	100 A
Auxiliary contacts			
Rated operational voltage: 550 V AC / 220 V DC			
Thermal current rating : 16 A			

Test Standard **Guidelines for the Performance of Type Tests Part 1, Edition 2003
EN 60947-4-1:1992+A1, EN 60947-5-1:1991+A1+A2+A12**

Documents **Test report : TÜV E9766645 E01 dated 1998-12-31
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Remarks **None**

Valid until **2010-04-27**

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Type Approval Symbol



File No. **I.K.03**

Hamburg, 2005-04-28

Germanischer Lloyd

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