



Type Approval Certificate

Germanischer Lloyd

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

Certificate No. 96 055 - 91 HH

Company Moeller GmbH
Hein-Moeller-Straße 7-11
D-53115 Bonn

Product Description Power Contactors, Contactor Relays,
Accessories

Type DIL - (E)EM; - 00(A)M; - 0(A)M; - 1(A)M; - 2(A)M; - 3(A)M; - 3M80; - 3AM85,
- 4(A)M; - 4M115; - 4AM145 - 6(A)M; - 8(A)M; - 10(A)M; - 12AM; - (E)R

Environmental Category C

Technical Data / Rated operational voltage U_e : 1000 V (DIL 3M to DIL 12AM)

Range of Application Rated operational voltage U_e : 690 V (DIL EEM to DIL 2AM)

Rated operational voltage U_e : 600 V (DIL ER)

Rated operational voltage U_e : 500 V (DIL R)

Rated insulation voltage U_i : 1000 V (DIL 3M to DIL 12AM)

Rated insulation voltage U_i : 690 V

Impulse withstand voltage U_{imp} : 8000 V (for DIL...)

Impulse withstand voltage U_{imp} : 6000 V (for DIL E...)

Contactors may be equipped with ac-magnet system or dc-magnet system (type: - G) and VS1 / VS2 (switching unit between SPS / Programmable Controller and contactors type DIL...)

Material: halogen free

Test Standard Regulations for the Performance of Type Tests, IEC 947-4-1, IEC 947-5-1

Documents Declarations of EG-Conformities:
K002196 to K002496; K002796 to K003296; K007796 to K007896

Remarks None

Valid until 2005-04-10

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Type Approval Symbol



File No. I.K.03

Hamburg, 2000-04-10

Germanischer Lloyd

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This certificate is issued on the basis of "Regulations for the Performance of Type Tests, Part B, Procedure".