

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. 97 571 - 91 HH

Company DEIF A/S
Frisenborgvej 33
7800 Skive, DENMARK

Product Description Alarm panel

Type AL8-2

Environmental Category C, EMC-2

Technical Data / Range of Application Programmable alarm panel, applicable to switchboards and marine plants for alarm and warning purposes. May consist of one master unit and up to 5 slave units connected. Auxiliary voltage: 24 V DC appr. 6 W

Inputs: 8 alarm channels for connection of contacts. Individual programming of delay, inhibit and grouping of alarms; supervision of cable failure and N/O or N/C contacts.
1 channel for inhibition of alarms.

Outputs: 1 Normally activated relay output for connection of audio-visual alarm devices. 2 Programmable relay outputs for alarm grouping. Individual programming of activated / deactivated relay at alarm. Potential-free C/O contacts; ratings: 250 V - 2 A - 400 W AC; 250 V - 1 A - 50 W DC.

Indicators: LED indicators for alarms, group alarms, cable failure and power.

Degree of protection: Enclosure: IP 54; Terminals: IP 20.

Test Standard Guidelines for the Performance of Type Approvals - Test Requirements for Electrical / Electronic Equipment and Systems (2003)

Documents Test reports: IPG 0030 of 28.11.1995;
Description D 411-1/E, 4921230002C; Test 16A 2007-03-02; Test 2B 2007-02-14; Test report summary IPA 0030-02 (2009-11-13); 15A (4910215105F)

Remarks None

Valid until 2015-09-18

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File No. I.A.03

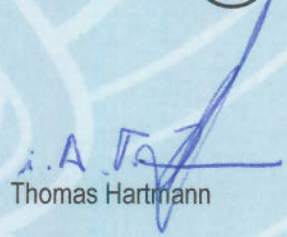
Hamburg, 2010-09-19

Type Approval Symbol



Germanischer Lloyd


Christoph Kutzner


Thomas Hartmann

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