

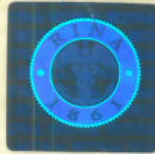


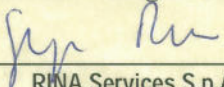
TYPE APPROVAL CERTIFICATE
No. ELE087114XG

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	Alarm modules
<i>Type</i>	AL8-2
<i>Applicant</i>	DEIF A/S Frisenborgvej 33, DK-7800 Skive DENMARK
<i>Manufacturer</i> <i>Place of manufacture</i>	DEIF A/S Frisenborgvej 33, DK-7800 Skive DENMARK
<i>Reference standards</i>	Rules for the Classification of Ships - Part C - Machinery, Systems and fire protection - Ch.3, Sect.6, Tab.1.

Issued in **HAMBURG** on **August 21, 2014**. This Certificate is valid until **August 20, 2019**




RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure

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Enclosure - Page 1 of 1

AL8-2

AL8-2 alarm panel main features:

- 8 digital alarm inputs (individually programmable for N/O or N/C contact)
- alarm time delay is individually programmable
- 3 relay output (external audible/visual alarm and group alarms)

AL8-2 front panel includes :

8 LEDs marked 1 to 8 for indication of alarm condition of the individual alarm inputs

1 LED for "Power On" (12-48 Vdc / 110Vdc)

1 LED for cable failure

1 LED for inhibit of alarms

1 Push button for horn reset

1 Push button for lamp test

1 Push button for lamp reset

1 Test button for function test

Up to 5 alarm units in Master / Slave configuration may be connected together

Power supply: 24 Vdc nom.

Reference document:

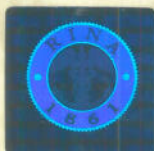
DEIF doc. n° 4921230002D and n° 4189320003C

Test Reports:

DEIF doc. n° EPA 0175/NMJ (18/06/2004)

DEIF doc. n° IPA 0183/NMJ (18/06/2004)

HAMBURG August 21, 2014



John Doe