



PROTOTYPE DESIGN ASSESSMENT CERTIFICATE
No. ELE206624CS

This is to certify that the product identified below is in compliance with the regulations herewith specified.

<i>Description</i>	Alarm module
<i>Type</i>	Compalarm E
<i>Applicant</i>	CONTREL ELETTRONICA Via San Fereolo 9 26900 Lodi (LO) Italy
<i>Manufacturer</i>	CONTREL ELETTRONICA
<i>Place of manufacture</i>	Via San Fereolo 9 26900 Lodi (LO) Italy
<i>Reference standards</i>	Rules for the classification of ships.- Part C - Machinery, systems and fire protection. - Ch.3, Sect. 6, Table 1.

This certificate is issued on request of the Manufacturer based on the PDA certification scheme according to RINA Rules for Testing and Certification of Marine Materials and Equipment

Issued in **Genoa** on **December 5, 2024**. *This Certificate is valid until* **December 5, 2029**

RINA Services S.p.A.
Luigi Benedetti

This certificate consists of this page and 1 enclosure

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Compalarm E

Compalarm E alarm annunciator:

The **Compalarm E** alarm annunciator is used to inform the operator that a process has gone beyond set limits using a visual and audible alarms.

The TFT color display offers a user-friendly interface, which can be set the number of cells required to suit individual panel design. It's possible to set different display window types: small, medium, large window, icon style, alarms group version. RS-485 interface with Modbus protocol is provided, to consent the integration in supervision systems.

Description:

- Programmable alarm annunciator - Flush mount standard 96x96mm housing
- TFT color display 3.5" -
- Navigation keys for alarms viewing and settings
- Internal power supply is available for alarm channels Built-in RS485 interface (Modbus RTU)
- Modular construction from 1 to 256 alarm channels
- Programmable outputs
- Internal 10 audio tone generator
- Alarm sequences (A, F1A, F2A, F3A, M, M5, F1M, F2M, F3, R8)
- First-out detection
- Event log
- Alarm detection time min 20ms
- Remote push buttons (Ack, Reset, Test)
- Each channel programmable from front panel
- Password protection for settings
- RJ45 Ethernet module (Modbus TCP)

Important remark:

The alarm module Compalarm E must be redundant with other alarm signalling devices, in order to ensure that alarms are displayed in more than one single device.

Technical specification

Data sheet:

CONTREL Concentratore di allarmi Compalarm E

Test report:

TESLAB TR n. 247230E (2024-09-26)

Reference documents

RINA TAC n. ELE196018CS001 (2018-08-30)

TAO APP dated 2024-01-12

Offer n. 2024/6857

IMQ certificate QMS n. 9105.CO35 (2024-03-25)

The documents above-mentioned have been archived in the Leonardo Draw Plus portal under the project:
<https://leodrawplus.rina.org/projects/44770/detail>

Genoa December 5, 2024