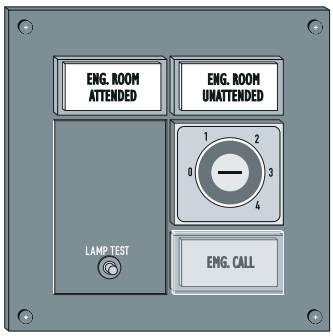
DEIF A/S

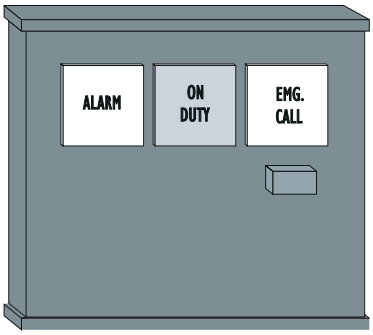
Extension alarm system

Type MALLING 869

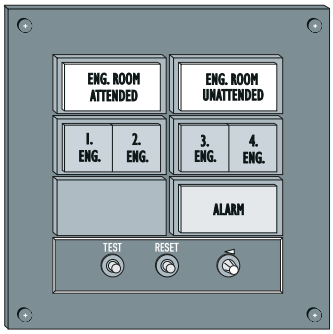
4921250037B



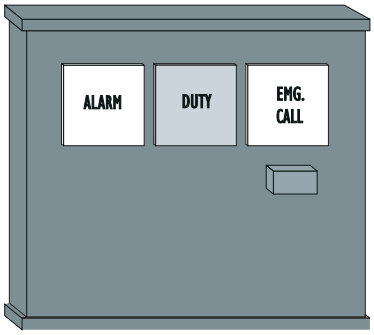
869.124



869.314-07



869.22



869.314-08

- *For operation of periodically unattended engine rooms*
- *Relays alarms to bridge and accomodation facilities*
- *Alarm extended to call all engineers if not reset within 3 min.*
- *Emergency function for emergency call of all engineers*
- *Indication on bridge of engineer on duty and alarm status*
- *Alarm on bridge on change attended/unattended engine room*

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Application

The extension alarm system type MALLING 869 has been designed for relaying of alarms received from an external alarm system (e.g. engine room alarms). The system ensures that up to 4 engineers are called on receipt of an alarm.

The MALLING 869 system furthermore provides indication of engineer on duty and status of alarms on the bridge plus in common rooms. An emergency call can be transmitted to all connected panels.

The 869 system is provided with an alarm output, which may be connected to e.g. a siren or horn for release of an audible alarm in case an alarm signal has not been acknowledged within a preset period of time.

Configuration

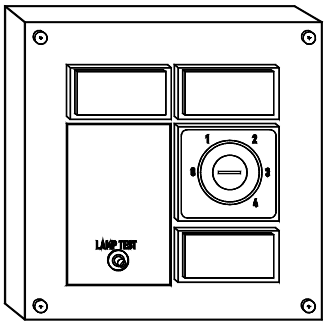
An extension alarm system type MALLING 869 consists of the following components:

• Engine room panel	type 869.124	for flush mounting
• Engineer's panel	type 862.314-07	for base mounting
• Bridge panel	type 869.22	for flush mounting
• Common room panel	type 862.314-08	for base mounting
• Relay box	type 869.62	for base mounting

Below the units are shown with standard texts, however, on request push-buttons and lenses can be provided with customer specified texts as well. Lenses and push-buttons are likewise available in other colours, on request.

Engine room panel type 869.124

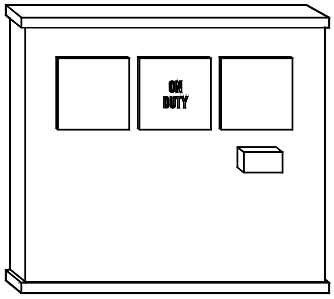
The engine room panel contains:



- A key-operated duty switch: Pos. 0: Attended engine room
  Pos. 1..4: Engineer 1...4 on duty
- 2 signal lamps: White lenses with black text:
  a. "ENG. ROOM ATTENDED"
  b. "ENG. ROOM UNATTENDED"
- Push-button: In plate with white text "LAMP TEST"
  (further text on plate possible)
- Push-button: Red lens with white text behind transparent lid:
  "EMG. CALL" (emergency call)

Engineer's panel type 862.314-07

The engineer's panel contains:

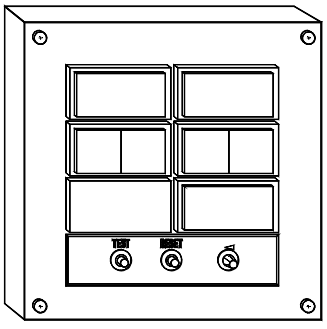


- 3 indicators: Red lenses with white text:
  a. "ALARM" (flashes when activated)
  b. "EMG. CALL" (emergency call)

  Blue lens with white text:
  c. "ON DUTY" (when lit: engine room is unattended, this engineer is on duty)
- Buzzer
- Reset button: Reset of both flashing alarm indicators and buzzers in all accomodation panels plus reset of flashing alarm indicators in bridge panels.

Bridge panel type 869.22

The bridge panel contains:

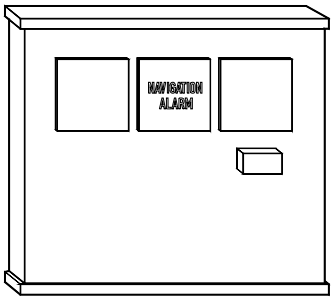


- 7 indicators: White lenses with black text:
  a. "ENG. ROOM ATTENDED"
  b. "ENG. ROOM UNATTENDED"

  Blue lenses with white text:
  c-d. "1. ENG.", "2. ENG.", "3. ENG.", "4. ENG"
  (for indicating of engineer on duty):

  Red lens with white text:
  e. "ALARM"
- 2 push-buttons: In plate with white text:
  a. "TEST" (lamp test)
  b. "RESET" (reset of built-in buzzer)
- 1 adjusting knob: For dimming of indicators

Public space panel type 862.314-08



The public space panel contains:

- 3 indicators: Red lenses with white text:
  a. "ALARM" (flashes when activated)
  b. "EMG. CALL" (emergency call)

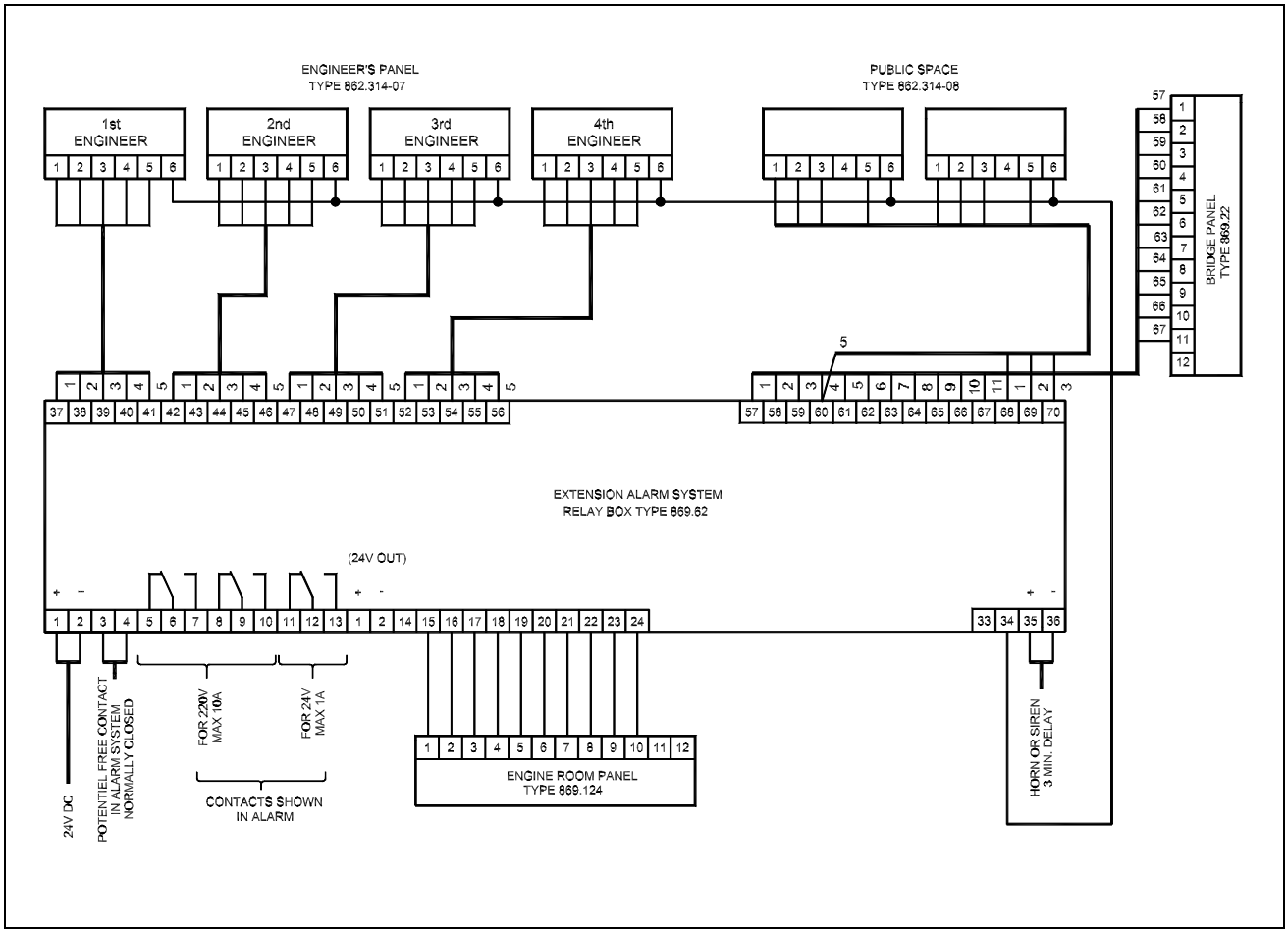
  Blue lens with white text:
  c. "DUTY" (engine room is unattended, an engineer is on duty)
- Buzzer
- Push-button: Reset of built-in buzzer

  (Does not affect a flashing "ALARM" indicator)

Relay box type 869.62
The relay box contains:

- Relay logics for control of connected panels
- Relay outputs for audible/visual alarm indicators (sirens, rotating beacons, etc.)
- Power supply for connected panels

Connections

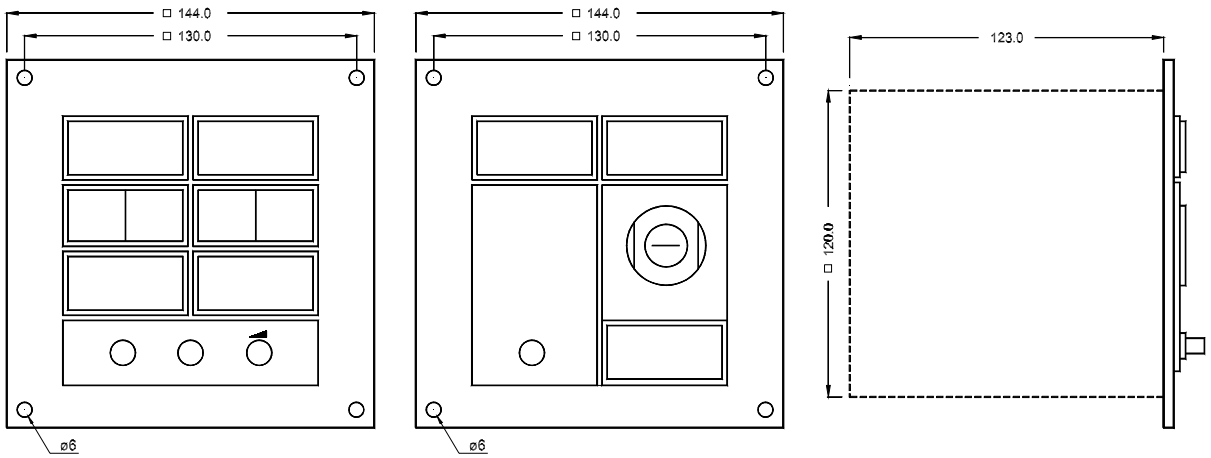


Technical specifications

Auxiliary voltage	24V DC ±20%	
Consumption	50W (for system consisting of 4 engineer's panels and 1 public space panel)	
Relay outputs	2 outputs: 1 output:	220V AC/10A (resistive load) 24V DC/1A (resistive load)
Solid state output	1 output with time delay:	24V DC/1.5A Time delay: 3 min.

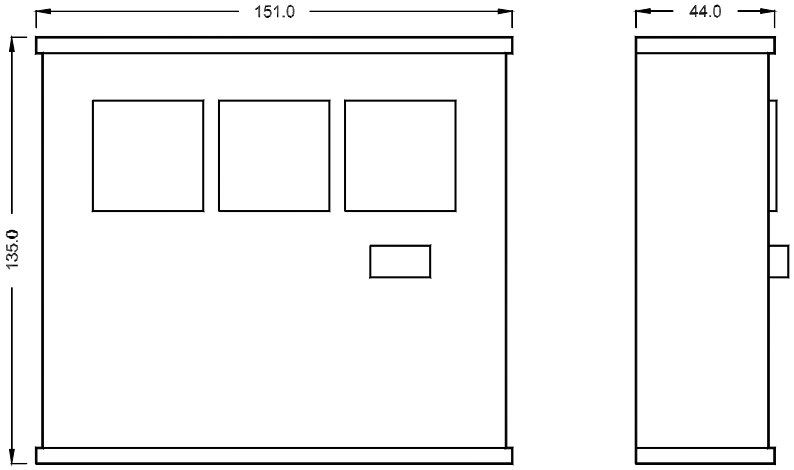
Dimensions

All dimensions in mm



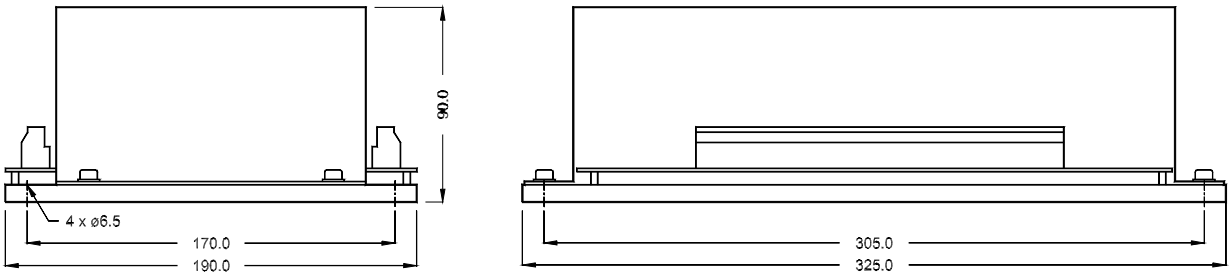
Type 869.124 and 869.22 Weight: approx. 0.740 kg (869.124) and approx. 0.790 kg (869.22)

All dimensions in mm



Type 862.314-07 and 862.314-08 Weight: approx. 1.160 kg

All dimensions in mm



Type 869.62 Weight: approx. 3.200 kg

Order specifications

Type	**(Customer specified text/lens colour)**

Due to our continous development we reserve the right to supply equipment which may vary from the described.

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