



DEAD MAN ALARM

DMA (for engine room watch)

The dead man alarm system is designed to monitor the ability of the engineer on duty in the engine room. Just before entering the engine room, the engineer on duty should start the adjustable countdown (3 - 27min) of the dead man alarm system for his own safety. In case no reset has been triggered by pushing one of the installed reset units during the pre-defined time, the dead man alarm system will start an alarm escalation sequence.

made in Germany

APPLICATION

compact connecting module If the dead man alarm system does not detect any reset, the alarm will escalate to backup engineer cabin to advise disability of duty personnel. Additionally, the dead man alarm system provides the possibility to call for immediate assistance by pushing one of the reset units for longer than 5 seconds (emergency call).



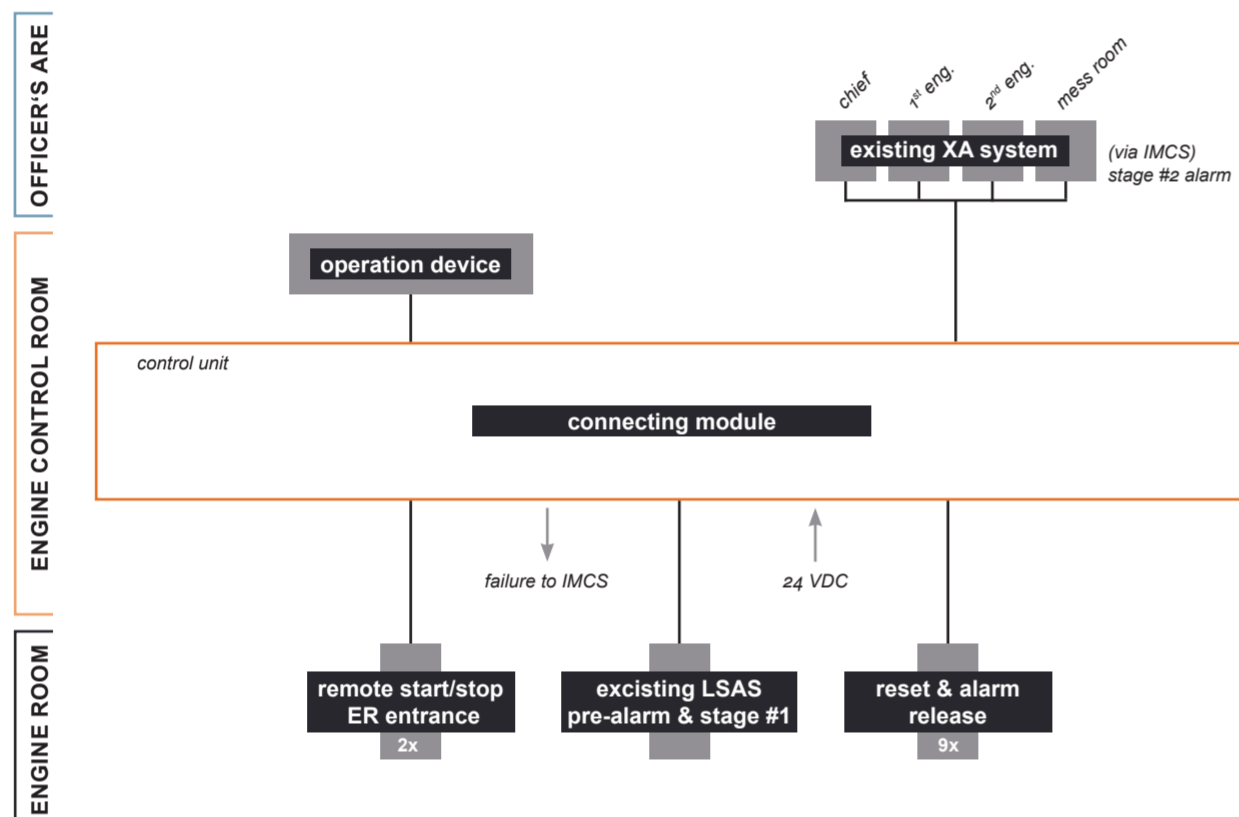
DATA & FEATURES

- 2 x 16 character green light display shows all relevant device and alarm states
- rotary encoder with integrated push button - simple and effective for user
- integrated buzzer, eight individual sound characteristics & volume adjustment
- connecting module designed for TS 35 terminal rail
- emergency call facility (manual release from ER)

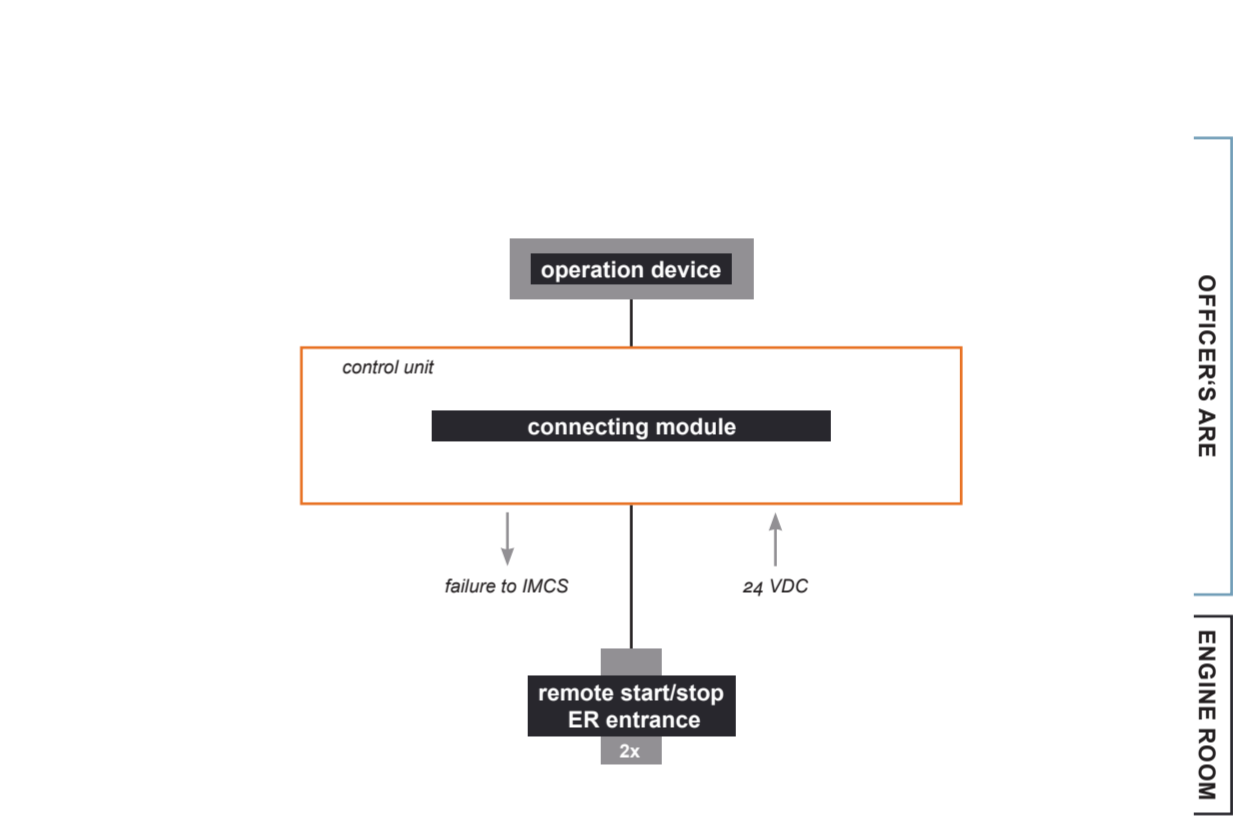
visual pre-alarm & audible stage #1 alarm

- The audible & visual alarm to reach the ER watch keeper can be transferred via existing light signal columns, saving additional engine room alarm devices
- sm electrics' scope of supply does cover modern and reliable light signal alarm systems (LSAS) for engine room as well.

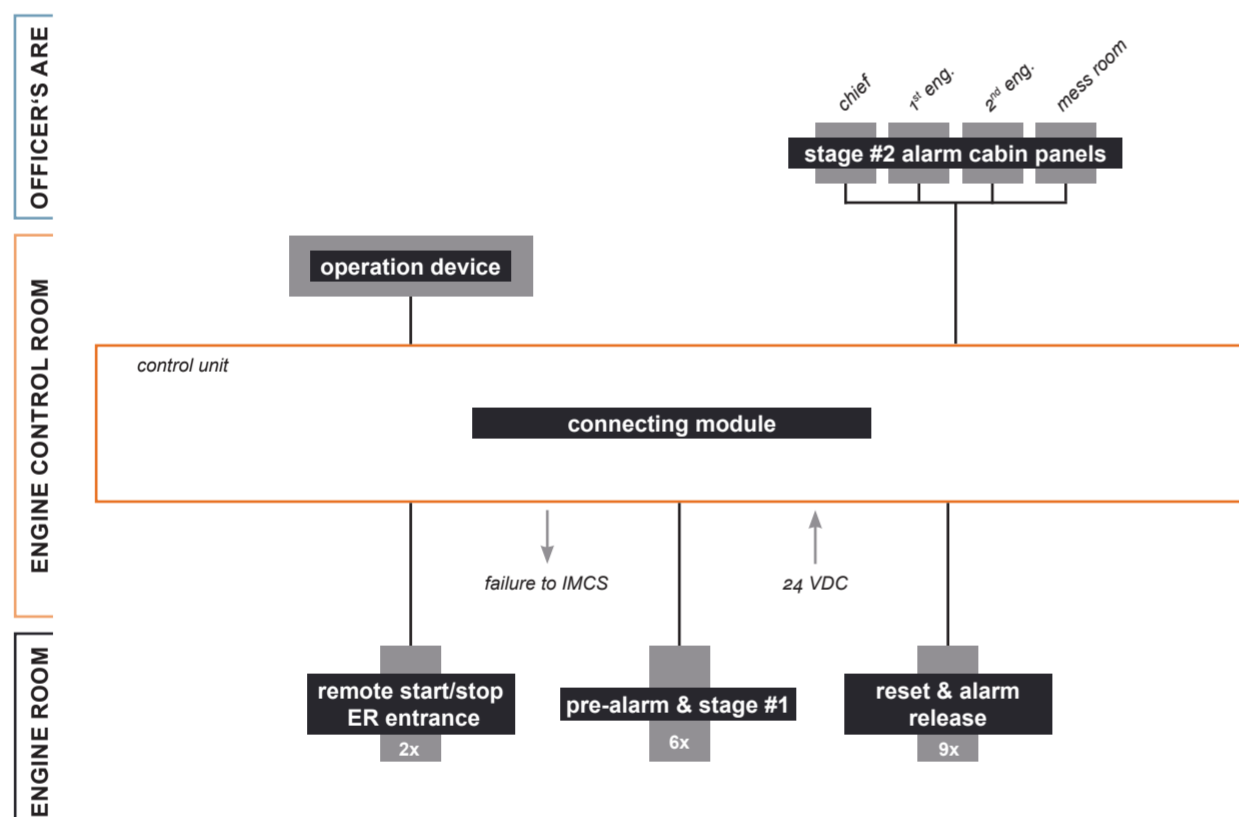
SAMPLE SYSTEM standard vessels



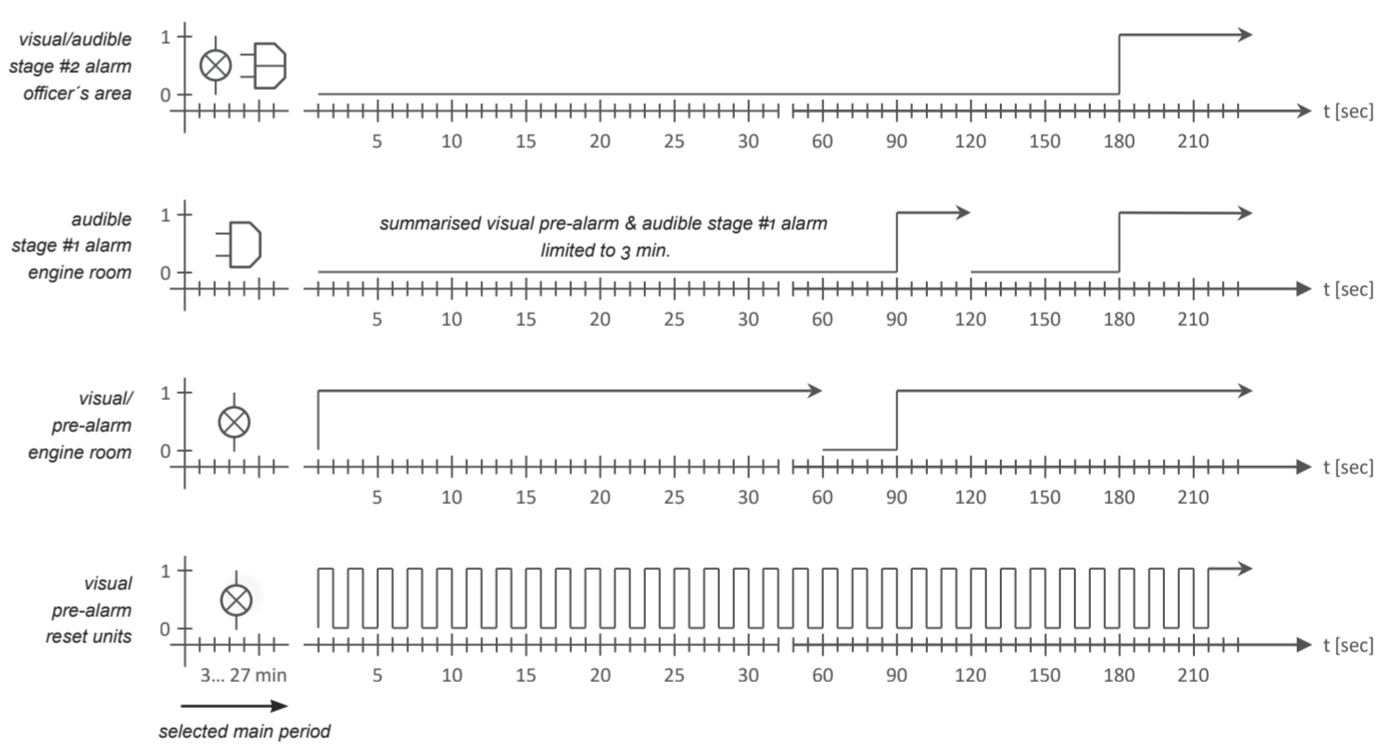
SAMPLE SYSTEM small vessels



SAMPLE SYSTEM standard vessels



TIME TABLE



PERIPHERY EQUIPMENT

DMA WATCH ALARM SYSTEM basic 770600

DMA | le guardian 2025

- le guardian 2025 connecting module LCM 210.24.0.0
- le guardian 2025 operating device LOD 222.24.0.0
- 15 pole system cable, l=3m

SWITCH ON/OFF WALL BOX PERSONNEL ALARM 770043

DMA | WAP 222.3.0.0

- 24 VDC
- IP 65

PERSONNEL ALARM BOX 770048 / 770465

DMA | WAR.222.2.0.0 / WAR.222.2.0.0A

- IP 65
- 24 VDC power supply
- dimension 122 x 122 x 90mm

STAGE #1 ALARM RESET WALL BOX with buzzer 770230 / 770231

DMA | WAR.222.2.1.0 / WAR.222.2.1.0A

- IP 65
- 24 VDC power supply
- dimension 122 x 122 x 90mm
- 85 dB(A)

PERSONNEL ALARM RESET illuminated push button 770053

DMA | WAR 222.1.0.0

- 24 VDC
- IP 67

WALL BOX FOR LCM 770317

DMA | WBC 210.1.0.0

- 360 x 250 x 165mm
- IP 23
- 16ea
- M25 cable glands

SWIVEL MOUNTING BRACKET 770309

DMA | WMB 222.1.0.0

- for operating device
- attachment on desk/wall/ceiling

ALARM PANEL STAGE #3 with buzzer (non-resettable) 770604

DMA | WAP 222.5.0.0

- for engineer's cabin
- 85 dB(A)
- bulkhead mounted
- 24 VDC; IP 23

ALARM PANEL STAGE #3 with buzzer (non-resettable) 770603

DMA | WAP.222.2.0.0

- for engineer's cabin
- 80 dB(A)
- flush mounted
- 24 VDC; IP 23
- non-resettable

ALARM PANEL STAGE #3 with buzzer (resettable) 770931

DMA | WAP.222.2.0.1

- for engineer's cabin
- 80 dB(A)
- flush mounted
- 24 VDC; IP 23
- resettable

FAILURE ALARM PANEL 770423

DMA | FAP 222.1.0.0

- for indicating system fail state
- inclusive test/reset facility
- 24 VDC (18 ... 31 VDC)
- IP 23

ALARM PANEL STAGE #1 + #2 770351

DMA | WAP 222.4.0.0

- for engineer's area & engine room
- bulkhead mounted
- 64 ... 112 dB(A)
- 24 VDC; IP 23

