

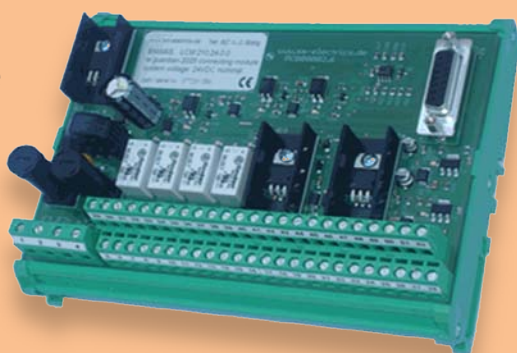
Dead Man Alarm *le guardian* 2025



operating device LOD 222.24.0.0, 144x72mm



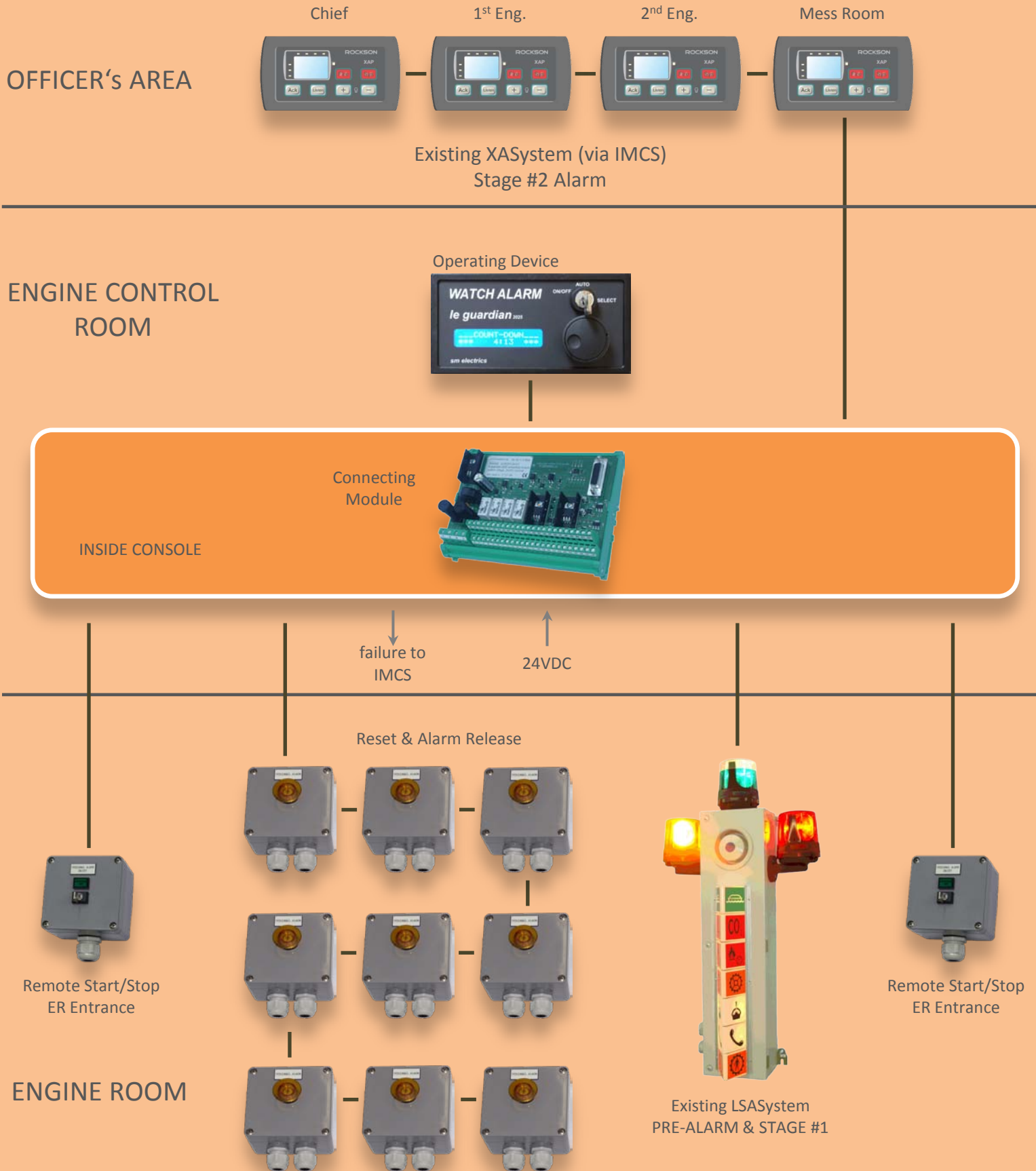
connecting module
LCM 210.24.0.0



- ✓ *easy and comfortable use*
- ✓ *simple connections to all peripheral equipment*
- ✓ *easy to install - vessel crew / shipyard personnel installed the vast bulk of systems*
- ✓ *intuitive system control - rotary encoder allows simple check of all connected devices and settings*
- ✓ *type approved acc. to latest International Standard*
- ✓ *extensive BNWAS experience - first Type Approval awarded in 2005*

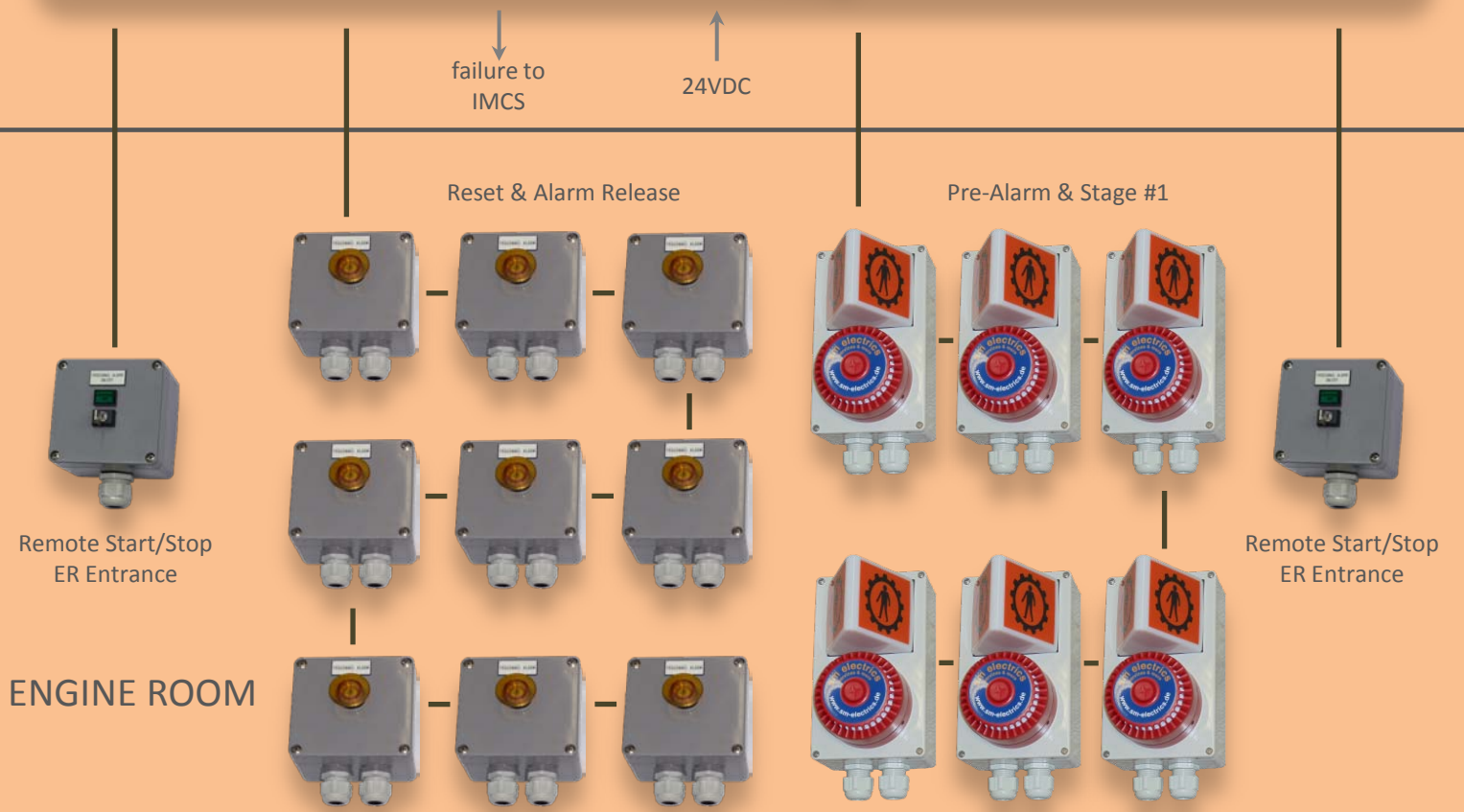
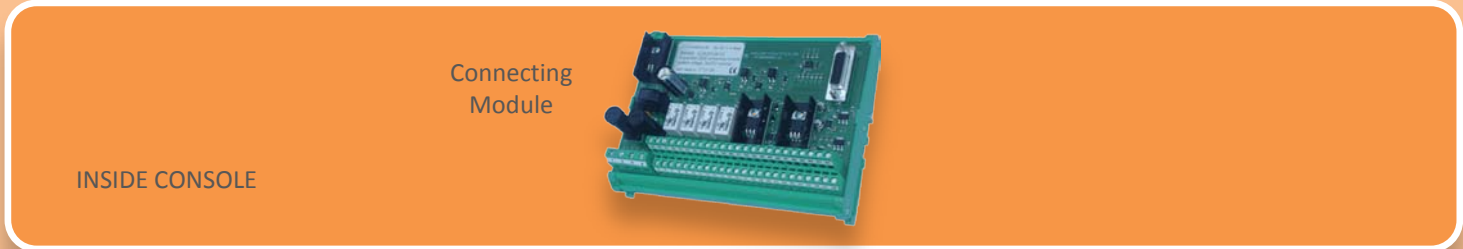


DMA le guardian 2025 sample system for standard vessels / platforms





DMA le guardian 2025 sample system for standard vessels / platforms

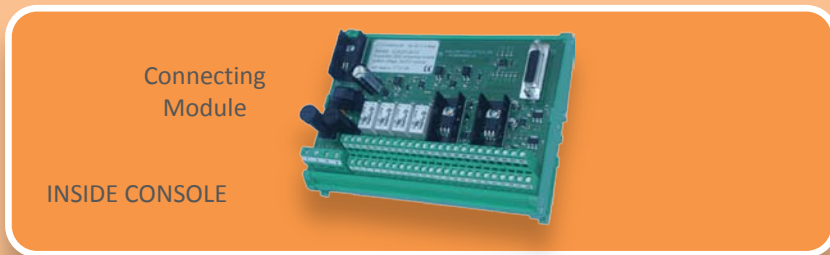


DMA le guardian 2025

sample system for small sized vessels (tug boats)

BRIDGE AREA

Operating Device



↓
failure to
IMCS

↑
24VDC

ENGINE ROOM



Reset & Alarm
Release

Dead Man Alarm le guardian 2025

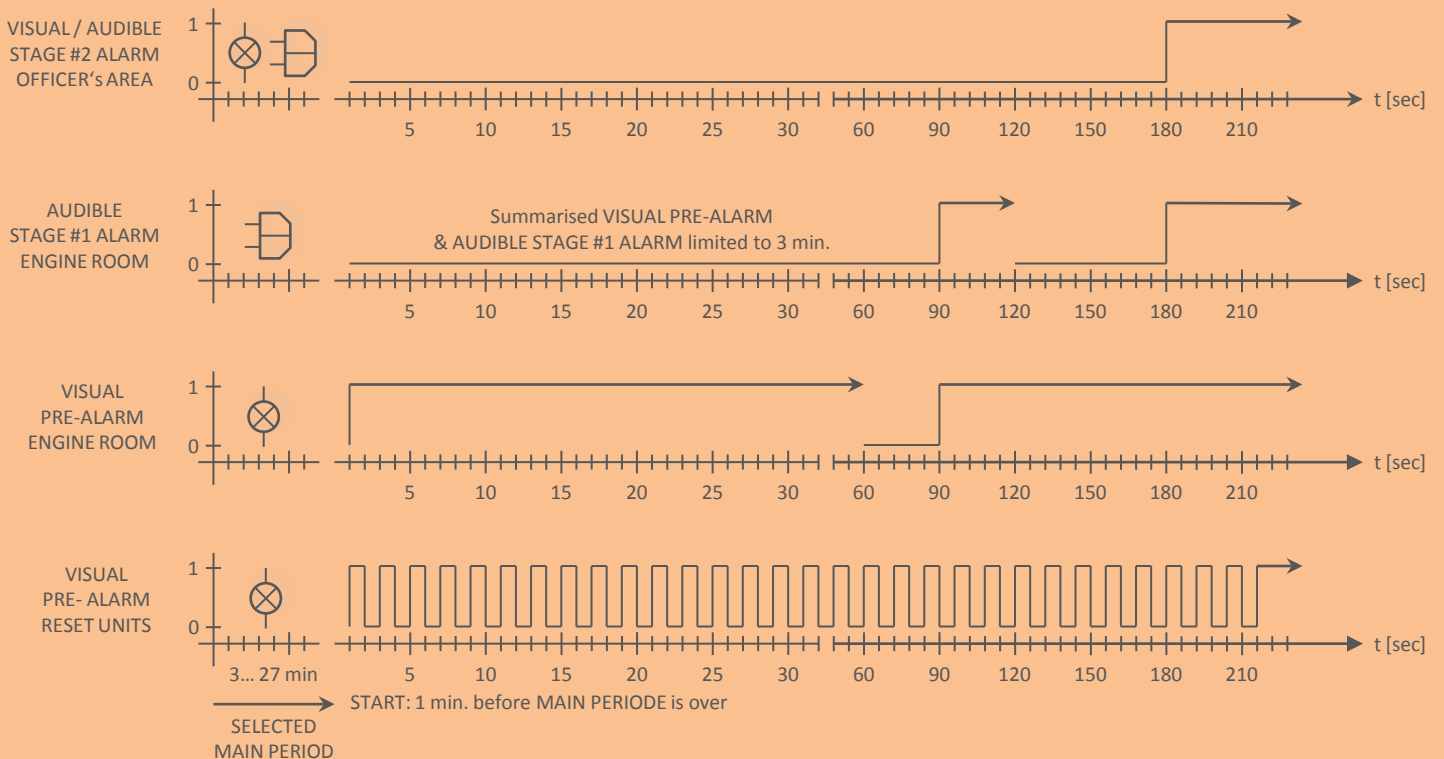


Light Signal Device
LSD 309.7.3.1

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.

DEAD MAN ALARM time table



periphery equipment



system's remote
start/stop
engine room entrances
WAP 220.3.0.0



reset unit in wall box
pre-alarm indication
engine room
WAR 222.2.0.0



reset unit in wall box
pre-alarm indication
engine room
WAR 222.2.0.0 A



reset unit w. buzzer
pre-alarm & alarm stage #1
engine room
WAR 222.2.1.0



extension sounder
alarm stage #1
ECR area
WAB 220.2.0.0



alarm stage #2 panel
flush mounted
officer's cabin
WAP 222.2.0.0



alarm stage #2 panel
bulkhead mounted
officer's cabin
WAP 222.5.0.0



alarm stage #1 / #2 panel
flush or bulkhead mounted
ER & officer's public area
WAP 222.4.0.0



wall box to cover
1x LCM connecting module
relays & terminals (if required)
WBC 210.1.0.0



desk / wall / ceiling swivel bracket
for operating device
ECR area
WBC 210.1.0.0

TECHNICAL DATA & FEATURES

- key-switch for lock / unlock
- 2 x 16 character blue 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
- system voltage: 24VDC nominal (18... 31,2V)
- connecting module designed for TS 35 terminal rail
- emergency call facility (manual release from ER)