

**SIMRAD**

Instructions

E0102 Alarm Panel

GENERAL

The *E0102 Alarm Panel* is designed for use with the E5024 ECDIS system, and the MARIS ECDIS900 MK5 PC and Simrad M5024 monitor. The unit gives an audible and a visual alarm for any ECDIS system, including power supply failure.

This type of alarm is mandatory on systems requiring Wheelmark certification.

Pushing the button will mute the audible alarm. The visual alarm will remain lit as long as the alarm situation remains. The indication will cease if the alarm is cancelled on the ECDIS system.

INSTALLATION

The E0102 is panel mounted and fixed from front by the four enclosed screws.

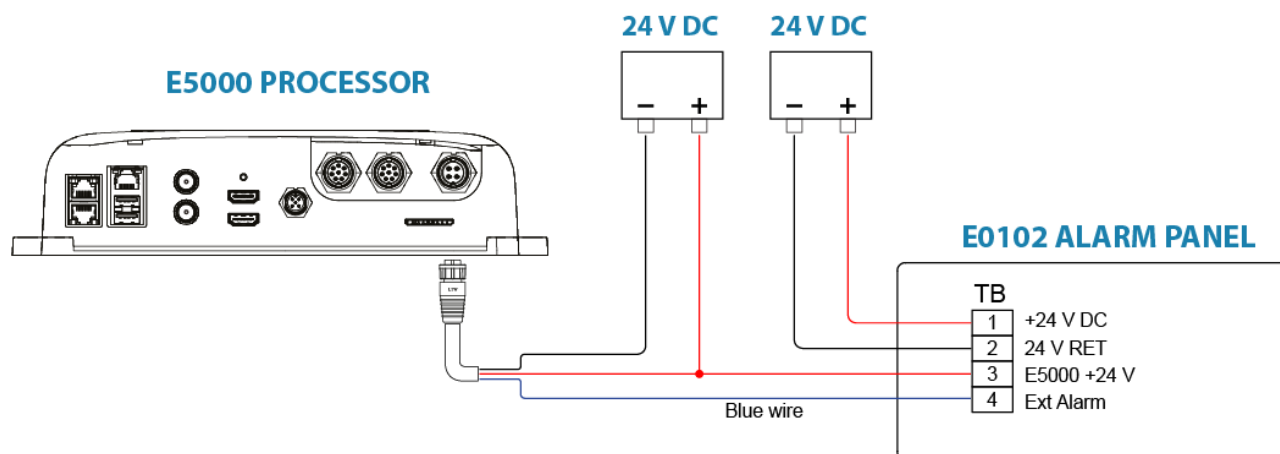
Select a mounting location where a visual alarm on the panel not will disturb the operator's night vision!

Cable(s) should be fixed with the enclosed cable strap to spacers for the circuit board.

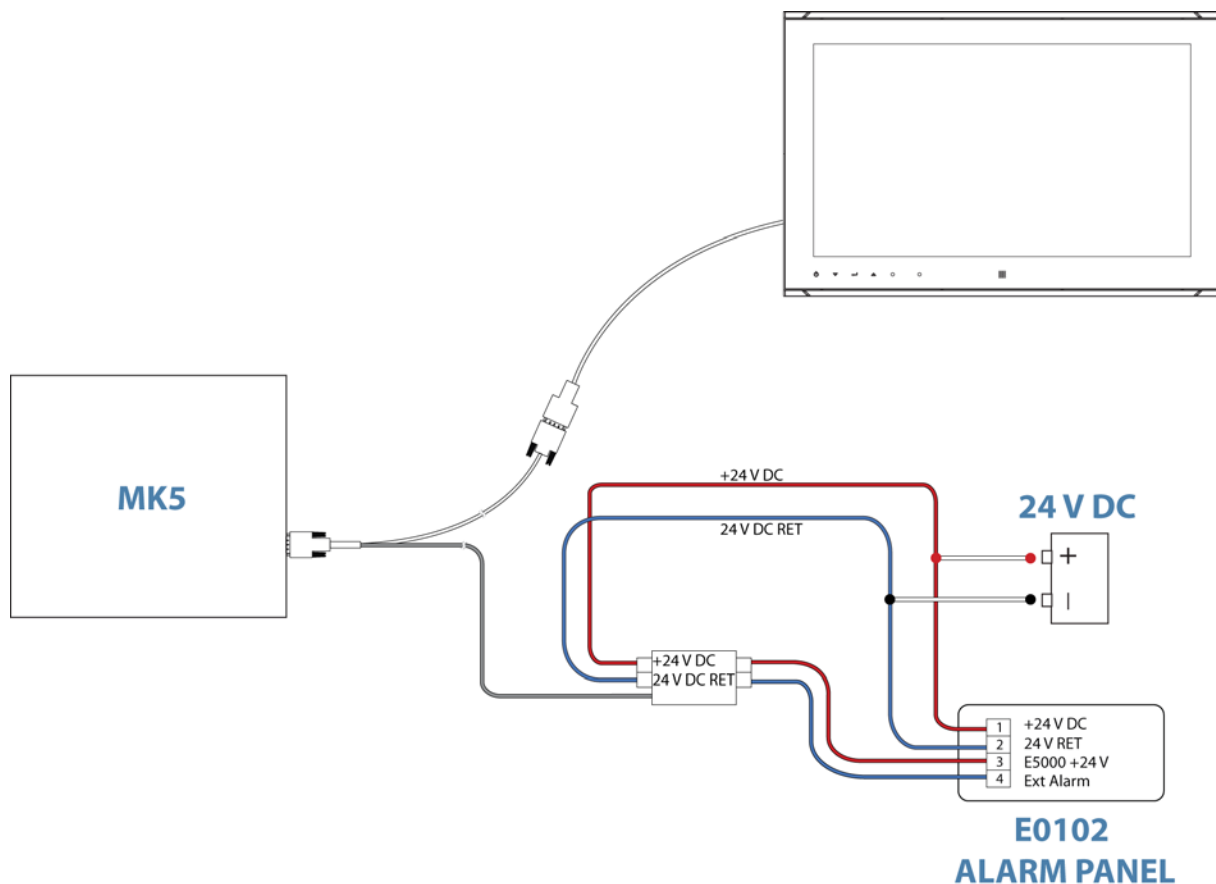
WIRING THE E5000 PROCESSOR

Connect the E0102 Alarm Panel according to the illustration below.

Note that the power supply for E0102 must be independent of the power supply to the E5000 Processor.



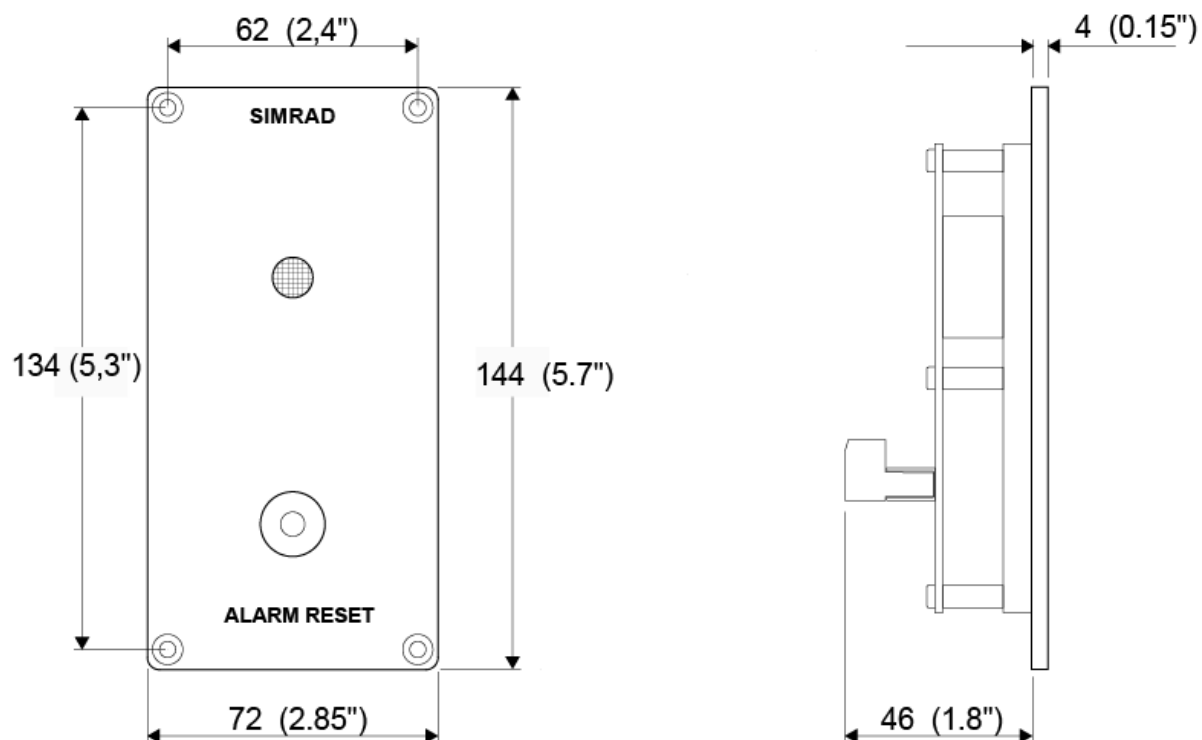
WIRING THE MARIS ECDIS900 MK5 COMPUTER



E0102 ALARM PANEL TECHNICAL SPECIFICATIONS

Weight: 0.25 kg (0.55 lbs.)
 Material: Epoxy coated aluminum
 Alarm supply: 24VDC -10%/+30%
 Environmental Protection: IP44 from front when panel mounted
 Color: Black
 Temperature range:
 Operation: -15 to +55°C (+5 to +130°F)
 Storage: -30 to +70°C (-22 to +158°F)
 Mounting: Panel from front
 Alarm sound: Continuous between 75 and 85 dB(A) at 1 m
 Interface connection: Screw plug terminal list

DIMENSIONS



Panel Cutout :
48 x 120 mm (1.9" x 4.7")

CT&A CABLE TECHNICAL SPECIFICATIONS

Power supply 24 V DC
Compass safe distance 0.4m (1.2 ft)

