

Minerva T2000R and T2000R CV Marine Repeaters IEC 61508 Approved (SIL2)



The T2000R full function repeater is an EN54 Marine approved repeater with optional addressable EN54:Pt.4 power supply. The repeater consists of a steel backbox and cast aluminium front door which incorporates the ODM800 operator display module with a 16 x 40 character backlit LCD display, simple alphanumeric keypad and 5 softkeys. The OCM800 operator control module provides all mandatory operator control keys and LED functions including Day/Night switching. One control key and 2 indication LEDs are provided for vessel-specific functions. Control keys and LEDs are labelled in English according to the default Marine functionality. The slide in decals can be reversed and alternative text added. The back box has a removable chassis plate with the PSU830 power supply and space for 2 x 7 Ah batteries to provide 72h backup.

The T2000R CV indicating repeater is an EN54 Marine approved repeater (24Vdc Supply). The repeater consists of a mild steel backbox and cast aluminium front door which incorporates the ODM800 operator display module with a 16 x 40-character backlit LCD display, simple alphanumeric keypad and 5 softkeys. Operator controls comprise a panel buzzer silence button, status LED's are provided for fire, fault and power on indication.

Both repeaters are connected to the Panel via the remote bus (RS485, 1200 m distance). A maximum of 7 repeaters (including one MZX REMOTE repeater) can be linked to each control panel and can provide repeater functions for all panels on the system.

The repeater can support up to 80 inputs and outputs in the form of LED annunciators, IOB800 input/output modules, XIOM universal I/O modules or the 80 LED mimic module.

Features

- Fully Functional
- Optional Approved Mild Steel Enclosure
- Fully Monitored R-Bus

Order Codes

557.200.601	T2000R Marine Repeater with Power Supply Unit 240 VAC (Stainless steel enclosure)
557.200.604	T2000R Marine Repeater without Power Supply Unit 24 VDC (Stainless steel enclosure)
557.200.606	T2000 RMRS Door Stay Kit
557.200.611	T2000R Standard Marine Repeater with Power Supply Unit 240 VAC (Mild steel enclosure)
557.200.612	T2000R Standard Marine Repeater without Power Supply Unit 24 VDC (Mild steel enclosure)
557.200.621	T2000R CV Marine Indicating Repeater without Power supply unit 24 VDC (Mild Steel enclosure)
557.201.233	PSU 830 T2000/T2000R Conversion Kit
557.201.234	PSU 830 T2000 120 VAC Kit
508.023.126	AC2SW 230 VAC Changeover Unit
508.023.127	AC1SW 115 VAC Changeover Unit