RMS 2200 Reefer Monitoring System

RMS 2200 – Overview of Components, Location & Features

Office
- Master Monitoring Unit (MMU)
- Alarm Printer

Main Switchboard
- POWER TRANSCEIVER

Cargo Area
- POWERLINE
- REEFER Box with Narrow Band Modem
- REEFER Box with Wide Band Modem
- REEFER Box with 4-Pin Outlet

RMS 2200 System

The RMS 2200 Reefer Container Monitoring System enables just one operator at a centrally located computer to monitor an entire container terminal or vessel. The system allows two way communication of data between the operator and every reefer container. The RMS 2200 system records all required data in a detailed log, and a complete history for each reefer is available. If the system recognizes any problems an alarm is signalled.

Container location, temperature parameters and other information concerning each reefer container can be transferred from the vessel’s central computer to the terminal’s computer adding greatly to the efficiency of the operation.

Installing the RMS 2200 System on a ship or in a terminal will ensure that refrigerated products are monitored carefully and complying with the shipper’s specifications.

The RMS 2200 Advantage

RMS 2200 is designed with a single master modem utilizing true simultaneous communication as per ISO Standards. This results in more flexibility and easier handling of the system compared to similar systems available from other vendors.

Advantages
- Less hardware
- Easy to install
- Easy to maintain
- Quicker response times
- Great flexibility
- Easy to expand

Features
- Supervision of temperatures
- Download, manage, print trip records
- Defrost command, setpoint change
- Handheld for local readout status (optional)
- Cost effective remote PTI
- Simultaneous communication
- Header entry
The RMS 2200 Features
Via its cost effective remote PTI, the RMS 2200 is designed for supervision of temperatures including USDA standard. Furthermore setpoints and header entry can be changed as well as defrost started, through the user interface.

The system provides interfaces to loading and host computers:
- Simple operation
- Improved safety on board ships
- Simple and affordable installation
- Cost savings
- Simultaneous communication

RMS 2200 is compatible with systems of almost all refrigeration equipment manufactures.

Integration
As part of the 2200 Automation family of Lyngsø Marine and SAM Electronics the RMS 2200 is the first integrated reefer monitoring system on the market, providing all information and features of the connected MOS/MCS 2200 alarm and monitoring system as well as reducing space requirements.

Alternatively the system can be formed as fully stand alone unit.

The Comfortable and Compact Solution
Lyngsø Marine A/S and SAM Electronics Automation Division are among the world’s major suppliers of marine equipment with a long tradition in ship automation starting from the very beginning of ship-based computer technology in the 1950’s. Starting with a cooperation we have achieved true PartnerShip. In the process we have successfully merged our worldwide activities in Sales, R&D and Service based on a harmonized product portfolio and a common product family. As a result our PartnerShip offers a wide range of cutting-edge automation solutions designed and produced with the aim of providing optimal Cost efficiency, User-friendly operation, Flexibility, Reliability, Safety. All this is backed by A worldwide service organisation, Regional competence centers. Our more than 10,000 installations worldwide are your guarantee for proven systems with unrivalled performance — all over the world for all kinds of vessels.

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