

LIAISON (MODBUS converter)

LIAISON is microcontroller based MODBUS converter which communicates with Gas Monitors using RS232 serial media and gives standard dual redundant MODBUS RS485 serial output. Maximum three Gas Monitors can be connected to one LIAISON device MODBUS converter module. This device is powered with standard 24VDC supply voltage. This module will act as slave device and can be polled by master device for the MODBUS data.



Key Features

- Three Gas Monitor racks can be connected with single LIAISON device over RS-232
- Dual redundant RS485 MODBUS output
- Operates over standard 24VDC supply voltage
- Reverse supply voltage protection
- Din rail mounting of this module
- Standard universal ABS DIN rail enclosure

Technical Specifications

Power

- Standard input voltage - 24V DC @ 500 mA

Inputs

- Serial Com - 3 - RS232 inputs from Gas Monitors
- Baud Rate - 9600 BPS
- Data Format - 8 bits
- Parity - None
- Stop Bits - 1

Outputs

- Serial Com - 2 - RS485 outputs for dual redundant MODBUS output
- Baud Rate - 19200 BPS
- Data Format - 8 bits
- Parity - None
- Stop Bits - 1

Operating Temperature

- 0 to 55°C