

# ICENI/MA-01

## DATA SHEET

### Description

The module enables the ICENI distributed I/O system to be connected as a slave node onto an RS-485 Modbus RTU network.

The module is fitted with a colour graphic display that indicates module configuration and the signal status of individual I/O modules. Four push-buttons enable display selection and editing of configuration parameters.

The module occupies the first position on the node and automatically creates a process image based on the I/O modules that are installed. Network address and baud rate of the node are configured in the menu system and the process image is made available to the Modbus network via a four-way connector.

The alarm contact will de-energise if the processor is off-line, the power supply fails or a problem is encountered with the detection of any installed I/O module.



### Features

Colour user interface

Display of I/O signal values

Modbus interface

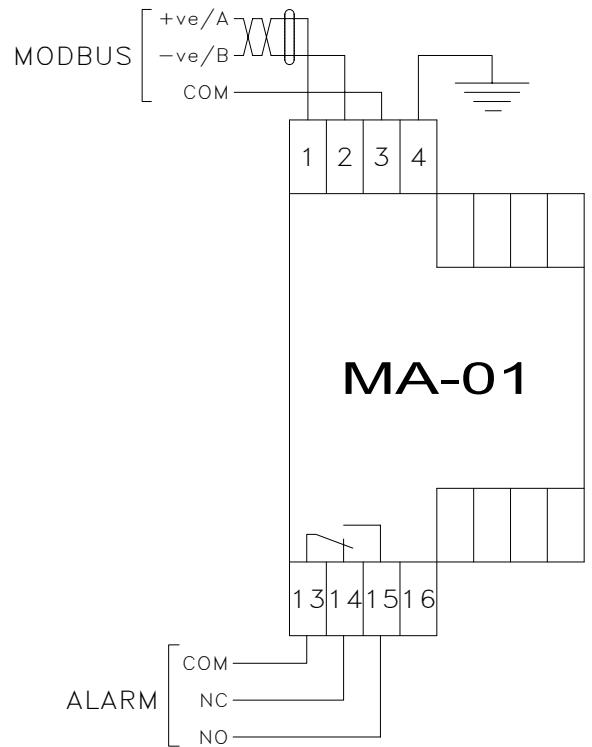
System health indication  
& alarm output indication  
Signal status indication

### General specification

Operating temperature	-20 ... +70 °C
Storage temperature	-40 ... +85 °C
Mounting	35 mm DIN rail
Field wiring termination	screw (cage clamp option available)
Wiring cross section / strip length	0.14 ... 1.5 mm <sup>2</sup> / 7 mm
Enclosure material	grey polyamide
Weight	170 g (approx.)
Degree of protection	IP20

# Technical specification

Operating temperature	-20 ... +70 °C
User interface controls	4 buttons
User interface screen	128 x 128 (colour) pixels
Fault indication	relay (changeover contacts)
Fault indication - switching current (max.)	1A @ 24 VDC
Fault indication - switching voltage (max.)	125 VDC / 150 VAC
Fault indication - switching capacity (max.)	30 W / 60 VA
Contact material	palladium nickel, gold-rhodium covered
Initial contact resistance	< 50 mOhms
Electrical isolation - fieldbus port to ICENibus	1,000 V
Electrical isolation - fault indication to ICENibus	1,000 V
ICENibus termination	yes
Max. number of signal conditioning modules	16
Fieldbus protocol	Modbus RTU
Fieldbus interface	RS-485
Maximum ICENibus consumption	200 mA



# Dimensions

