

## Remote Input / Output Module **RIO40S**



### Features

- 24 inputs / 16 outputs (static)
- CANopen, MODBUS protocols
- Removable spring-cage connectors
- DIN rail mounting
- RJ45 network connection
- Diagnostic LED
- Configuration by DIP switches

### Advantages

- Ultra-compact
- Quick wiring
- Easy setup

**CANopen**

**Modbus**

## Technical features

**Supply voltage** 24 Vdc  $\pm$ 20 %, 100 mA typical  
Opto isolation

### Inputs

- Channels 24  
- Opto isolation Yes  
- Type PNP 24Vdc (20 to 33V), 10mA

### Outputs

- Channels 16  
- Type Static, 24Vdc, 500mA  
- Peak current 1.4A max  
- Short circuit protection Yes  
- CPU Diagnostic Yes

### CANopen

- Version Draft DS 401 V1.4  
- NMT Class 0  
- DBT Class 0  
- PDO 2 Rx, 2 Tx  
- SDO 1 server, 0 client  
- Opto isolation Yes  
- Module address 7 Bits  
- Communication speed 10 Kb to 1 Mb  
- Number of nodes 127

### MODBUS

- Version RTU slave, function 3, 4 and 16  
- Opto isolation No  
- Module address 8 bits  
- Communication speed RS232  
- Number of nodes 1

**Size (length x heigh x width)** 45 x 120 x 127

**Operating temperature** 5 to 45 °C

**Storage temperature** -20 to 70°C