

# MC-230-01

## Advanced Controller



|               |                            |  |
|---------------|----------------------------|--|
| Model number: | <b>MC-230-01</b>           | 230 VAC, 11 IO, Enocan, 2 × RS232, RS485, IEX2 terminals |
| Mounting:     | DIN rail (35mm), 6M, 106mm |  |
| Dimensions:   | 106x108x58mm               |  |

## Features

- 3 digital inputs
- 4 relay outputs 8 A
- 4 universal inputs/outputs
- Ethernet, USB, IEX-2, 2×RS232, 1×RS485 (optional isolated)
- Enocan gateway (optional)
- 230 VAC or 24 VDC power supply (use only one option!)

## Safety standards

EN 61010-1, EN 61010-2-201, EN 61131-2

## Technical specification

|   |   |
|---|---|
| Relay outputs:                          | 8A/250VAC resistive, 8A/30VDC resistive |
| Communication:                          | Ethernet, 2x RS232, 1x RS485, IEX-2 bus |
| Nominal power rating:                   | 230 VAC or 24 VDC                       |
| Power consumption:                      | typ. 1W (no load), 10W max              |
| Power output:                           | 24V 200mA (with 230 VAC power supply)   |
| Ingress protection:                     | IP20                                    |
| Operating temperature:                  | 0..50°C                                 |
| Storage temperature:                    | -20..75°C                               |
| Relative humidity:                      | 0..85% n/c                              |
| Input type(ix00..ix02):                 | dry contact, internal pull-up 12V 2mA   |
| Cable lenght:                           | 50m                                     |
| COM1 type                               | RS485 two wire                          |
| Transmit/receive                        | automatic switching                     |
| MAX recommended output power per relay: |   |
| - incandescent / halogen 230V           | 800 W                                   |
| - halogen 12 V with transformer         | 400 W                                   |
| - fluorescent with electronic ballast   | 400 W                                   |
| - parallel compensated fluo lamps       | 250 W / 30 uF                           |
| - electric heater                       | 1400 W                                  |
| Total output power (all relays):        | 4000 W                                  |

# Terminals

