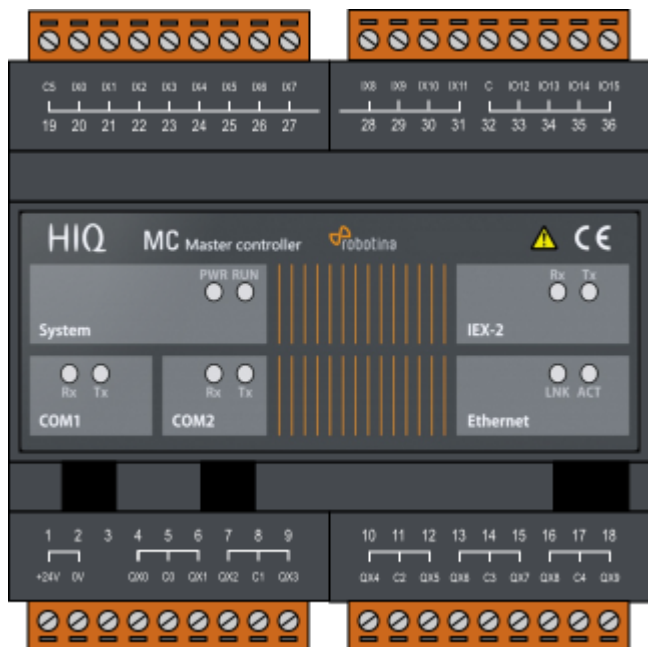


# Master Controller

## Advanced Controller



|               |                           |  |
|---------------|---------------------------|--|
| Model number: | <b>MC-24-05</b>           | 24 VDC, 11 IO, 2 × RS232, RS485, IEX2 terminals          |
|               | <b>MC-24-06</b>           | 24 VDC, 11 IO, 2 × RS232, RS485, IEX2 terminals, EnOcean |
| Mounting:     | DIN rail(35mm), 6M, 106mm |  |
| Dimensions:   | 106x108x58mm              |  |

## Features

- 12 digital inputs
- 10 relay outputs 8 A
- 4 universal inputs/outputs
- Ethernet, USB, IEX-2, 2×RS232
- EnOcean gateway (optional)
- 24 VDC power supply

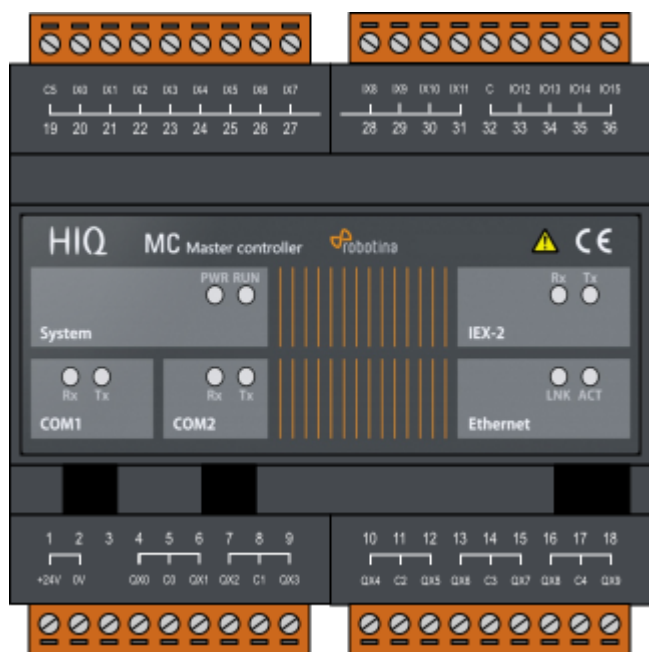
## Safety standards

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

# Technical specification

|                             |  |
|-----------------------------|--|
| System clock                | 100MHz                                       |
| Instruction execution       | 10ns per instruction                         |
| Program memory              | 896Kb for user program                       |
| Data memory                 | 64Kb for user variables                      |
| Data retention              | 7 days                                       |
| RTC accuracy                | typ. ±2 sec per day at 25°C                  |
| Digital input (ix00..ix11)  | 24V 7mA, opto isolated, bidirectional        |
| Digital input (ix12..ix15)  | dry contact, internal pull-up 12V 3mA        |
| Digital output (qx00..qx09) | relay 8A/250VAC or 8A/30VDC resistive        |
| Digital output (qx12..qx15) | NPN transistor 30V 1A                        |
| IEX-2 bus load              | 48 modules (Cybro + 47 IEX-2)                |
| IEX-2 baud rate             | 20, 50, 100 (default), 250, 500kbps          |
| IEX-2 cable length, 100kbps | 100m (non-terminated)                        |
| IEX-2 cable length, 100kbps | 300m (terminated)                            |
| IEX-2 cable length, 50kbps  | 500m (terminated)                            |
| Power supply                | 24V (18..28V)                                |
| Power consumption           | 50mA (no load), 180mA (10 relays, 4x 10Vout) |
| Power output (IEX-2)        | 24V 2A (limited by resettable fuse)          |
| Operating conditions        | 0..50°C, 0..85% rh non-condensing            |
| Degree of protection        | IP20   |
| Installation category       | III  |

# Terminals



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