# Master Controller

### Advanced Controller




| | | |
|---|---|---|
| Model number: | **MC-24-01** | 24 VAC, 11 IO, Enocean, 2 × RS232, RS485, IEX2 terminals |
| | **MC-24-02** | 24 VAC, 11 IO, 2 × RS232, RS485, IEX2 terminals |
| | **MC-24-03** | 24 VAC, 11 IO, Enocean, 2 × RS232, isolated RS485, IEX2 terminals |
| | **MC-24-04** | 24 VAC, 11 IO, 2 × RS232, isolated RS485, IEX2 terminals |
| Mounting: | DIN rail, 6M, 106mm | |
| Dimensions: | 106x108x58mm | |

## Features

- Sources and consumers measurements:
  - 1 × Grid
  - 3 × Local power plants (PV, wind, cogeneration,…)
  - 2 × Storage system (battery)
  - 4 × Consumers
- Load management
  - 4 × Consumers
  - Manual control
  - Manual override timer
  - Weekly timetable, 15 min resolution

## Safety standards

EN 50081-1, EN 61000-6-2, EN 61131-1, EN 61131-2, EN 61000-3-2, EN 61000-3-3

## Technical specification

| | |
|---|---|
| Relay outputs: | 8A/250V |
| Communication: | Ethernet, 2x RS232, 1x RS485, IEX-2 bus |
| Nominal power rating: | 24 VDC |
| Power consumption: | typ. 1W (no load), 10W max |
| Ingress protection: | IP20 |
| Operating temperature: | 0..45°C |
| Storage temperature: | -20..75°C |
| Relative humidity: | 0..95% n/c |

## Terminals

From:
https://wiki.hiq-home.com/ -

Permanent link:
**https://wiki.hiq-home.com/doku.php?id=en:hiq_hw:mc-24&rev=1566215362**

Last update: **2019/08/19 11:49**