# M-CVM-AB-8I-8OR

M-CVM-AB-8I-8OR, Expansion module

Code: M56E02.

> Memory: No
> Nº relays: 8
> Digital inputs: 8

## Description

Expansion module with 8 digital inputs and 8 relay outputs.

## Application

Digital inputs

○ Reports via communications:
○ Logic states of non-unit external systems
○ Metering of the impulses generated by other units (water and gas meters, etc.)

Digital outputs

○ Activation / deactivation by maximum or minimum instantaneous parameter values measured by the unit

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## Specifications

### DC power supply

| | |
|---|---|
| Consumption | max. 3 W |

### Mechanical characteristics

| | |
|---|---|
| Size (mm) width x height x depth | 90 x 90 x 90 (mm) |
| Envelope | Self-extinguishing V0 plastic |
| Fastening | Panel |
| Weight (kg) | 0,18 |

### Environmental characteristics

| | |
|---|---|
| Protection class | IP 30 |
| Relative humidity (without condensation) | 5 ... 95% |
| Storage temperature | -20... +80 °C |
| Working temperature | -10...+50 °C |

### Standards

| | |
|---|---|
| Certifications | UL 61010-1 3rd edition, CAN/CSA-C22.2 No.61010-1 3rd. edition 2012-05 |
| Electrical safety, Maximum height (m) | 2000 |
| Standards | IEC 61010-1 (1rd. Edition), UNE-EN 61000-6-2, UNE-EN 61000-6-4, IEC 60664-1, IEC 61010-2-030 (First Edition). |

### Voltage measurement circuit

| | |
|---|---|
| Input impedance | 32kΩ |

### Digital inputs

| | |
|---|---|
| Input/output insulation | 4 kV |
| Quantity | 8 |
| Type | Potential-free contact |

### Digital relay outputs

| | |
|---|---|
| Electrical life (at maximum load) | $10^5$ cycles (250 Vaa/3 A) |
| Mechanical life | $2x10^7$ cycles |
| Maximum switching capacity | 750 VA |

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Expansion modules

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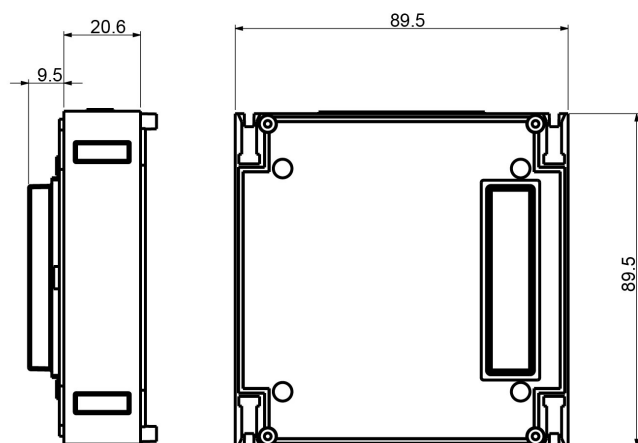| CODE | TYPE | N° relays | Digital inputs |
|------|------|-----------|----------------|
| M56E02. | M-CVM-AB-8I-8OR | 8 | 8 |

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## Dimensions



## Connections