



## M-CVM-AB-8I-80R

M-CVM-AB-8I-80R, Expansion module

Code: M56E02.

- > Memory: No
- > N° 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 <sup>5</sup> cycles (250 Vaa/3 A) |
| Mechanical life                   | 2x10 <sup>7</sup> cycles             |
| Maximum switching capacity        | 750 VA                               |

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### Dimensions



### Connections

