



## Line-M-4IO-A

Line-M-4IO-A, Expansion modules

Code: D73003.

- > Protocol: Modbus/RTU
- > Analogue Inputs: 4 (0/4 ... 20 mA)
- > Communications: Bus-Line
- > Analog output: 4 (0/4 ... 20 mA) | 4 (0/2 ... 10 Vdc)
- > Mounting: DIN rail

### Description

Module with 4 analogue inputs and outputs Can be used to integrate 0-4...20mA analogue signals from control devices and sensors. The module has outputs to replicate the signals recorded through its inputs or to convert the parameters measured by the Line system devices in analogue form, 0/4...20mA or 0/2...10V, for management through external devices.

The expansion modules of the Line range provide a simple way to extend the features of any version of line-EDS-Cloud, line-EDS-PS, or of the line-CVM-D32 network analyser.

The modules are connected laterally and are detected automatically when the lateral connection is made, which greatly simplifies the installation and configuration of the modules.

### Application

- Expansion of inputs/outputs from line-CVM-D32 or line-EDS network analysers.
- Convert any instantaneous parameter measured or calculated by the device into analogue signals by incorporating analogue output expansion modules.
- Track the status of components in the installation by using the analogue inputs to the module.



# Line-M-4IO-A

Analog input / output module

Code: D73003.

## Specifications

### DC power supply

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

### Mechanical characteristics

|                                  |                               |
|----------------------------------|-------------------------------|
| Size (mm) width x height x depth | 52.5 x 108 x 70 (mm)          |
| Envelope                         | Self-extinguishing V0 plastic |
| Fastening                        | DIN rail (IEC 60715)          |
| Weight (kg)                      | 0,134                         |

### Environmental characteristics

|  |                   |
|--|-------------------|
| Protection class                         | IP30, Front: IP40 |
| Relative humidity (without condensation) | 5 ... 95%         |
| Storage temperature                      | -20 ... +70 °C    |
| Working temperature                      | -10 ... +50 °C    |

### Voltage measurement circuit

|                 |       |
|-----------------|-------|
| Input impedance | 150 Ω |
|-----------------|-------|

### Standards

|  |  |
|--|--|
| Electrical safety, Maximum height (m)    | 2000   |
| Electrical safety, Installation category | CAT III 300 V                                      |
| Standards                                | UNE-EN 61010-1, UNE-EN 61000-6-2, UNE-EN 61000-6-4 |

### User interface

|     |       |
|-----|-------|
| LED | 9 LED |
|-----|-------|

### Analogue inputs

|                  |         |
|------------------|---------|
| Quantity         | 4       |
| Input impedance  | 150 Ω   |
| Measurement type | current |

### Line-M-4IO-A

Expansion modules, Line series

| CODE                 | TYPE         | Protocol   | Analogue Inputs   | Transistor output | Nº relays | Digital inputs | Analog output                          |
|----------------------|--------------|------------|-------------------|-------------------|-----------|----------------|--|
| Input/Output Modules |              |            |                   |                   |           |                |  |
| D73003.              | Line-M-4IO-A | Modbus/RTU | 4 (0/4 ... 20 mA) | -                 | -         | -              | 4 (0/4 ... 20 mA)   4 (0/2 ... 10 Vdc) |



## Line-M-4IO-A

Analog input / output module

Code: D73003.

Bus-Line: RS-485 communication system, with side connector between modules

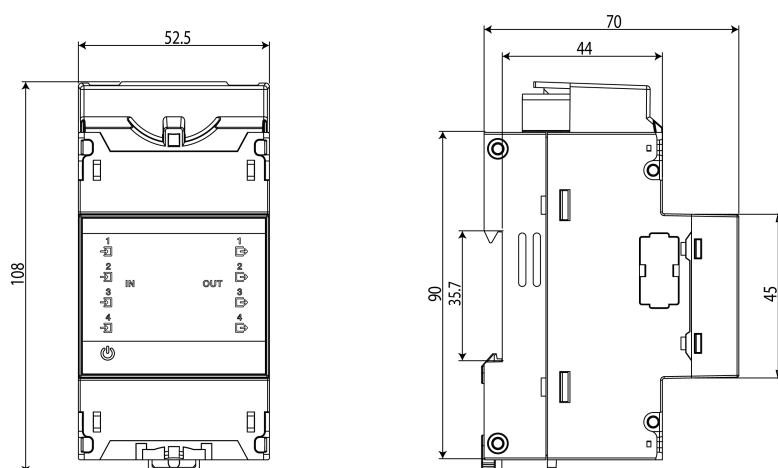


## Line-M-4IO-A

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### Dimensions



### Connections

