



Line-M-8I60

Line-M-8I60, Expansion modules

Code: M58E08. **DESCATALOGADO**

- > Protocol: Modbus/RTU
- > Communications: Bus-Line
- > N° relays: 6
- > Digital inputs: 8
- > Mounting: DIN rail

Description

Module with 8 inputs and 6 outputs floating relay.

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.

They allow adding digital outputs and inputs, analogue inputs and outputs or any combination thereof, to the devices.

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-EDS network analysers.
- Alarms can be programmed independently based on high/low values, hysteresis, timer on/off delays, normally open or closed rest state and interlocks.
- Track the status of components in the installation by using the status of the inputs to the module.



Line-M-8I60

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Specifications

DC power supply

| | |
|-------------|----------|
| Consumption | max. 4 W |
|-------------|----------|

Mechanical characteristics

| | |
|----------------------------------|-------------------------------|
| Size (mm) width x height x depth | 52.5 x 118 x 70 (mm) |
| Envelope | Self-extinguishing V0 plastic |
| Fastening | DIN rail |
| Weight (kg) | 0,2 |

Environmental characteristics

| | |
|--|------------------------|
| Protection class | IP30, Front: IP40 IK08 |
| Relative humidity (without condensation) | 5 ... 95% |
| Storage temperature | -20 ... +70 °C |
| Working temperature | -10 ... +50 °C |

Varistor characteristics

| | |
|-----------------|---------|
| Maximum voltage | 275 V ~ |
|-----------------|---------|

Voltage measurement circuit

| | |
|-----------------|-----|
| Input impedance | 3kΩ |
|-----------------|-----|

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 | 15 LED |
|-----|--------|

Digital inputs

| | |
|-------------------------|-------------|
| Input/output insulation | 3,75 kV~ |
| Quantity | 8 |
| Type | Optocoupler |
| Minimum signal width | 10 ms |

Digital relay outputs

| | |
|-----------------|---|
| Quantity | 6 |
| Type | Class A, high frequency current filtering |
| Maximum current | 5 A ~ |



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| | |
|-----------------------------------|----------------------------|
| Maximum open contact voltage | 250 V ~ / 30 Vdc |
| Electrical life (at maximum load) | 5x10 ⁴ cycles |
| Mechanical life | 5 x 10 ⁶ Cycles |
| Maximum switching capacity | 1250 VA / 150 W |

Protection

| | |
|---------|----------|
| Element | Varistor |
|---------|----------|

Line-M-8I60

Expansion modules, Line series

| CODE | TYPE | Protocol | Analogue Inputs | Transistor output | N° relays | Digital inputs | Analog output |
|-----------------------------|-------------|------------|-----------------|-------------------|-----------|----------------|---------------|
| Input/Output Modules | | | | | | | |
| D73008. | Line-M-8I60 | Modbus/RTU | - | - | 6 | 8 | - |

Relay I/O expansion modules, Line system

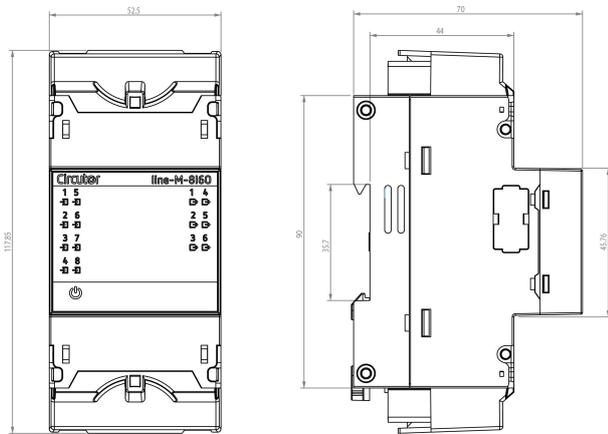


Line-M-8160

Module with 8 inputs and 6 relay outputs

Code: M58E08.

Dimensions



Connections

