





Line-M-4IO-RV, Expansion modules

Code: M58E04. DESCATALOGADO

> Protocol: Modbus/RTU > Communications: Bus-Line

> N° relays: 4

> Digital inputs: 4 (230 V) > Mounting: DIN rail

Description

Module with 4 230V relay inputs and outputs.

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

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

- o Expansion of inputs/outputs from line-CVM-D32 or line-EDS network analysers.
- o Alarms can be programmed independently based on high/low values, hysteresis, timer on/off delays, normally open or closed rest state and interlocks.
- o Track the status of components in the installation by using the status of the inputs to the module with network voltages of up to 230V~
- o Management of up to 4 tariffs with activation of the different inputs to the module.









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Specifications

Consumption	max. 2 W
fechanical characteristics	
Size (mm) width x height x depth	52.5 x 118 x 70 (mm)
Envelope	Self-extinguishing V0 plastic
Fastening	DIN rail (IEC 60715)
Weight (kg)	0,178
nvironmental characteristics	
Protection class	IP30, Front: IP40
Relative humidity (without condensation)	5 95%
Storage temperature	-20 +70 °C
Working temperature	-10 +50 °C
aristor characteristics	
aristor characteristics	
Maximum voltage	275 V ~
	275 V ~
Maximum voltage	275 V ~ 140 kΩ
Maximum voltage oltage measurement circuit	
Maximum voltage foltage measurement circuit Input impedance	
Maximum voltage foltage measurement circuit Input impedance tandards	140 kΩ
Maximum voltage oltage measurement circuit Input impedance tandards Electrical safety, Maximum height (m)	140 kΩ 2000
Maximum voltage foltage measurement circuit Input impedance tandards Electrical safety, Maximum height (m) Electrical safety, Installation category	140 kΩ 2000 CAT III 300 V
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Maximum voltage foltage measurement circuit Input impedance tandards Electrical safety, Maximum height (m) Electrical safety, Installation category Standards Iser interface	140 kΩ 2000 CAT III 300 V UNE-EN 61010-1, UNE-EN 61000-6-2, UNE-EN 61000-6-4
Maximum voltage foltage measurement circuit Input impedance tandards Electrical safety, Maximum height (m) Electrical safety, Installation category Standards Iser interface LED	140 kΩ 2000 CAT III 300 V UNE-EN 61010-1, UNE-EN 61000-6-2, UNE-EN 61000-6-4
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Maximum voltage coltage measurement circuit Input impedance tandards Electrical safety, Maximum height (m) Electrical safety, Installation category Standards Iser interface LED Injuit inputs Input/output insulation	2000 CAT III 300 V UNE-EN 61010-1, UNE-EN 61000-6-2, UNE-EN 61000-6-4 9 LED 3,75 kV~
Maximum voltage foltage measurement circuit Input impedance tandards Electrical safety, Maximum height (m) Electrical safety, Installation category Standards Iser interface LED Input/output insulation Quantity	2000 CAT III 300 V UNE-EN 61010-1, UNE-EN 61000-6-2, UNE-EN 61000-6-4 9 LED 3,75 kV~ 4







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Digital relay outputs

Quantity	4		
Туре	Class A, high frequency current filtering		
Maximum current	6 A ~		
Maximum open contact voltage	250 V ~		
Electrical life (at maximum load)	5x10 ⁴ cycles		
Mechanical life	5 x 10 ⁶ Cycles		
Maximum switching capacity	1500 VA		

Protection

Element	Varistor	

Line-M-4IO-RV

Expansion modules, Line series

CODE	TYPE	Protocol	Analogue Inputs	Transistor output	N° relays	Digital inputs	Analog output			
Input/Output Modules										
D73004.	Line-M-4I0-RV	Modbus/RTU	-	-	4	4 (230 V)	-			

Relay I/O expansion modules with voltage, Line system







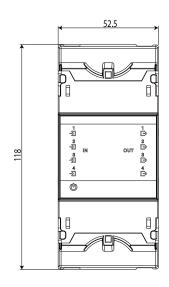
Module with 4 230V relay inputs and outputs.

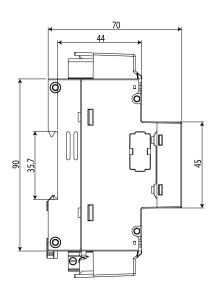
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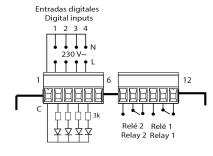
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Dimensions Connections







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