

MX-MODULE

MULTI I/O

Item no.: 538.301



DESCRIPTION OF FUNCTIONS

Extends the blue'Log XM / XC by additional digital and analog ports.

TECHNICAL DATA

Power supply	System internal
Power consumption	Typically 3 W (depends on configuration)
Operating temperature	-20 °C to 55 °C
Storage and transport temperature	-20 °C to 70 °C
Protection class	IP 20
Installation	Wall mounting, Top-hat rail installation in electrical distribution board, in control cabinets
Dimensions (W x H x D)	36 x 110 x 63 mm (including side parts)
Weight	100 g

DISPLAY / OPERATION

LED	2
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INTERFACES

Multi inputs	4 x Digital / analog input (mode configured by software for each port)
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The following options are available for each multi input:

Type	Usage	Range	Precision	Resolution
Digital	Wet contact	5 V DC / 5 mA	-	-
Meter	S0	S0 compliant / max. 16 Hz	-	-
Analog	Voltage input	0-10 V DC	2 mV DC	40 µV DC
Analog	Current input	0-20 mA	80 µA	2 µA
Analog	Resistor (PT1000)	600-1,800 Ω	2 Ω	0,5 Ω

Digital outputs

4 x digital outputs (mode configurable via software for each port)

The following options are available for each digital output:

Type	Usage– Open Collector	Range
Digital	Active high GND (0: 1 MΩ / 1: GND) ¹⁾	max. 24 V DC / max 50 mA
Digital	Active low GND (0: GND / 1: MΩ)	max. 24 V DC / max 50 mA
Digital	Active high 24 V (0: 1 MΩ / 1: 24 V DC) ²⁾	24 V DC / max 50 mA
Digital	Active low 24 V (0: 24 V DC / 1: 1 MΩ)	24 V DC / max 50 mA

¹⁾ Firmware < 16.0.5 Active low

²⁾ Firmware < 16.0.5 Active high

Further information: www.meteocontrol.com