

Addressable Input-Output Devices

W Series

WM240 Addressable Input-Output Device

(technical data brief)



Available in versions:

- WM240 - as a printed board to fit in a housing
- WM240B - in wall-mount housing
- WM240D - in 35 mm DIN rail mount housing

Features

- 4 monitored inputs
- Address range 1 – 125
- Built-in short-circuit isolator
- Input and SCI status indicators
- Address and input mode settings using P-01 device programmer
- Loop powered
- Three mounting type versions
- Easy mounting and installation

The WM240 addressable input device has 4 monitored inputs, supplied with a built-in short-circuit isolator (SCI).

The WM240 addressable I/O device is designed to transmit the dry contact input state to the control panel and detect open and short circuits in the supervised device circuit.

The address and input mode settings are made during commissioning using the P-01 device programmer (not included, sold separately).

Technical Data

Operating voltage	17.... 28 V DC
Protocol voltage	5 to 9 V
Quiescent current	≤ 250 μ A
One LED current consumption	≤ 630 μ A
All LEDs current consumption (without isolator LED)	≤ 2,5 mA
SCI: maximum series resistance - switch closed	≤ 0,13 Ω
Isolator data	Refer to the WM100-2B Short-Circuit Isolator datasheet
Dimensions (L x W x H), mm:	
- WM240	103 x 75
- WM240B	150 x 94 x 23
- WM240D	129 x 94 x 34
Weight	≤ 150 g
Housing IP rating	IP30
Operating temperature	-10 °C to +55 °C
Humidity	up to 95 % (non-condensing)
Average service life	10 years



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