

Input-Output Addressable Devices

W Series

WM210 Addressable Single Input Device

(technical data brief)



The WM210 Addressable Single Input Device with built-in short-circuit isolator (SCI) 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 WM210 Addressable Input Device is programmable and can operate in following modes: Normal Input, Interrupt Input and Switch Monitor. Address and input mode setting is made via the P-01 device programmer (not included, sold separately).

Versions:

- WM210 - printed board to fit in a housing
- WM210B - in wall-mount housing
- WM210D - in 35 mm DIN rail mount housing

Features

- Built-in short-circuit isolator
- Soft addressing, address range 1 - 125
- Address setting using P-01 device programmer
- Input and SCI status indicators
- Remote LED status indicator option
- Loop powered
- Three mounting type versions
- Easy mounting and installation

Technical Data

Operating voltage	17.... 28 V DC
Quiescent current	≤ 190 µA
Current consumption with LED	≤ 750 µA
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	
- WM210	52 x 68
- WM210B	78 x 76 x 28
- WM210D	59 x 76 x 39
Weight	≤ 100 g
IP rating	IP30
Operating temperature	-10 °C to +55 °C
Humidity	0 - 95 % (no condensation/icing)
Average service life	10 years



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