

Addressable Input-Output Devices

W Series

WM242-3 Addressable Input-Output Device

(technical data brief)



The WM242-3 addressable input-output device with 4 inputs, 2 voltage free changeover relay outputs rated at 5A DC30V/AC220V and a built-in short circuit isolator is designed to monitor and control smoke removal valves, deluge valves, drencher valves, fire dampers, etc.

The WM242-3 addressable I/O device is programmable. Address and input/output mode setting are made during commissioning works via 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	≤ 0,25 mA
One LED current consumption	≤ 0,63 mA
Output relay contact rating	5A at DC30V/AC220V (3A inductive)
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:	
- WM242-3	103 x 75
- WM242-3B	150 x 94 x 38
- WM242-3D	129 x 94 x 49
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

Available in options:

- WM242-3 - as a printed board to fit in a housing
- WM242-3B - in wall-mount housing
- WM242-3D - in 35 mm DIN rail mount housing

Features

- 4 isolated monitored inputs, 2 dry contact relay output 5A at DC30V/AC220V
- Address range 1 - 125
- Built-in short-circuit isolator
- Input, output and SCI status indicators
- Address and input/output mode settings using P-01 device programmer
- Loop powered
- Mounting type versions available



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