

Addressable Input-Output Devices

W Series

WM244-1 Addressable Input-Output Device

(technical data brief)



The WM244-1 addressable input-output device has 4 inputs, 4 voltage free changeover relay outputs rated at 1A/DC30V and a built-in short circuit isolator. Outputs are protected with resettable fuses.

The WM244-1 addressable input-output device is designed transfer input state signals to FACP and to interface with control equipment such as door contacts, sprinkler flow switches, fire fans, etc.

The WM244-1 addressable I/O device is programmable. Address and input/output mode settings are made during commissioning works via the P-01 device programmer (not included, sold separately).

Available in models:

- WM244-1 - as a printed board to fit in a housing
- WM244-1B - in wall-mount housing
- WM244-1D - in 35 mm DIN rail mount housing

Features

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

Technical Data

Operating Voltage	17.... 28 V DC
Protocol voltage	5 to 9 V
Quiescent current	≤ 250 µA
One LED current consumption	≤ 630 µA
All LEDs current consumption (without isolator LED)	≤ 5 mA
Output relay contact rating	DC30V
Max. output current	1 A at 25 °C 0.7 A at 55 °C
SCI: maximum series resistance - switch closed	≤ 0.13 Ω
Isolator data	Refer to the WM100-2B Short-Circuit Isolator datasheet
Dimensions, mm:	
- WM244-1	103 x 75
- WM244-1B	150 x 94 x 23
- WM244-1D	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



Ista LLC,
18 Yuriia Matushchaka lane,
Kyiv, Ukraine

Tel.: +380 44 492 30 34,
+38 050 388 94 56
e-mail: info@ista.ua
<https://ista.ua/en>

