

Addressable Input-Output Devices

W Series

WM233-1 Addressable Input-Output Device

(technical data brief)



The WM233-1 addressable input-output device has 3 monitored inputs, 3 voltage free changeover relay outputs rated at 1A/DC30V, a built-in short circuit isolator.

The WM233-1 addressable I/O device is designed to transfer input state signals to FACP and to interface with control equipment such as door contacts, sprinkler flow switches, fire fans, etc.

The WM233-1 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:

- WM233-1 - as a printed board to fit in a housing;
- WM233-1B - in wall-mount housing;
- WM233-1D - in 35 mm DIN rail mount housing.

Features

- 3 monitored inputs, 3 voltage free changeover non-monitored relay outputs
- Address range 1 - 125
- Built-in short-circuit isolator
- Input, output and SCI status indication
- Address and input/output mode settings using P-01 device programmer
- Loop powered
- Mounting type models
- Easy installation

Technical Data

Operating Voltage	17.... 28 V DC
Quiescent current	≤ 0,25 mA
One LED current consumption	≤ 0,63 mA
All LEDs current consumption (without isolator LED)	≤ 3,8 mA
Output relay contact rating:	1 A at DC30V
SCI: maximum series resistance - switch closed	≤ 0,13 Ω
Isolator data	Refer to the WM100-2B Short-Circuit Isolator datasheet
Dimensions, mm:	
- WM233-1	103 x 75
- WM233-1B	150 x 94 x 23
- WM233-1D	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,
+380 50 388 94 56
e-mail: info@ista.ua
<https://ista.ua/en>

