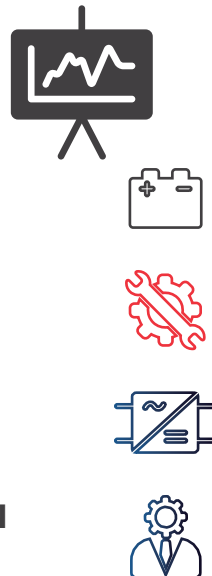




MWW

EXPANDER INPUT-OUTPUT MODULE



APPLICATION

- » remote monitoring

FEATURES

- » co-operation with remote monitoring systems
- » galvanic separation
- » easy installation
- » operation kept to a minimum
- » small dimensions

COMMUNICATION

- » serial communication with MSU0d site supervision controller

DESCRIPTION

The MWW module is an universal expander used for controlling many high power devices such as:

- » ventilators
- » air conditioners
- » electromagnetic lock

The module has universal digital inputs as well, which can be used as inputs for different kind of detectors: water leakage, motion, intrusion or smoke.

1-Wire input allows connection of a digital temperature sensor.

The expander status is signalled with LED diodes.

Contact current capacity (one channel)	2 A / 24 VDC 6 A / 250 VAC
Maximum contact voltage	400 VAC, 250 VDC
Maximum breaking capacity	1500 VA
Temperature measurement range	-55 ÷ +125°C
Test voltage » between contacts and system supply » contact gap	1000 VAC 400 VAC
Temperature measurement accuracy	±0,5°C (in range -10 ÷ +85°C)
Temperature sensor 1-Wire bus	three-wire
Max number of modules	8
Power presence indication	green LED diode
Alarm state indication	red LED diode
Ambient temperature	-20 ÷ +50°C
Permissible relative humidity	90%
International Protection Rating	IP20
Case assured isolation	double
Isolation between circuits	basic
Connector type	3,81 mm connector
Dimensions (L x H x D)	95 x 63 x 51 mm
Weight	100 g

Nominal supply voltage	12 VDC, 48 VDC (zależnie od podłączenia)
Voltage supply range	9 ÷ 14 V, 38 ÷ 58 V
Max power consumption	1 W
Number of universal digital inputs	4
Voltage range of digital inputs	0 ÷ 5 VDC
Number of universal analogue inputs	1
Voltage range of universal inputs	0 ÷ 5 VDC
Voltage measurement accuracy	1%
Number of relay outputs	4
Relay contact type	NO