

DATASHEET

WIRELESS SINGLE CHANNEL BATTERY POWERED OUTPUT MODULE

TW-MO-SB-01

The TW-MO-SB-01 Taurus Wireless Output Module has been designed to allow easy control of a variety of third party equipment including access control doors, ventilation plant and fire extinguishing systems. The unit is powered entirely from its internal battery supply and is fitted as standard with both a set of change over relay contacts and a 12/24V dc output. The output is capable of supplying power for operating low current third party equipment directly from the internal batteries.



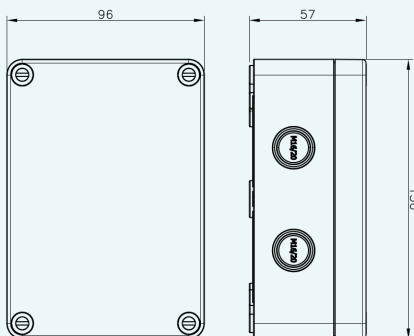
KEY FEATURES

- Bi-directional wireless communication
- Output circuits are fully supervised for fault conditions (utilizing EOL resistors)
- Can be used with Taurus addressable and conventional translators
- Change over relay and 12/24V output functionality
- On site programmable
- 22 pairs of field channels
- Long communication range (≈ 1 km in open air)
- Dual channel redundancy
- 5 year expected battery life (application dependent)
- Utilises dual low cost lithium battery
- Easy scan & link programming option
- 3rd party approval to EN54-18 and EN54-25
- 5 year product warranty

TECHNICAL SPECIFICATION

| | |
|-------------------------------|---------------------------------|
| Operating frequency range | 868 – 870 MHz |
| Max radiated power | 14dBm (25mW) |
| IP rating | 65 |
| Weight (without batteries) | 233 g |
| Batteries | 2x CR123A (3 V & 1.2 Ah) |
| Dimensions | 136 mm x 96 mm x 57 mm |
| Relay Specifications | 2A @ 30V DC |
| Operating Temperature | -10°C to +55°C |
| Max humidity (non condensing) | 95% RH |
| Maximum Current Available | 100mA @ 12V dc 50mA @ 24V dc |
| EOL Supervision Resistor | 10K |

TECHNICAL INFORMATION



STANDARDS & APPROVALS

- EN54-18: Input / Output Devices
- EN54-25: Components using radio links

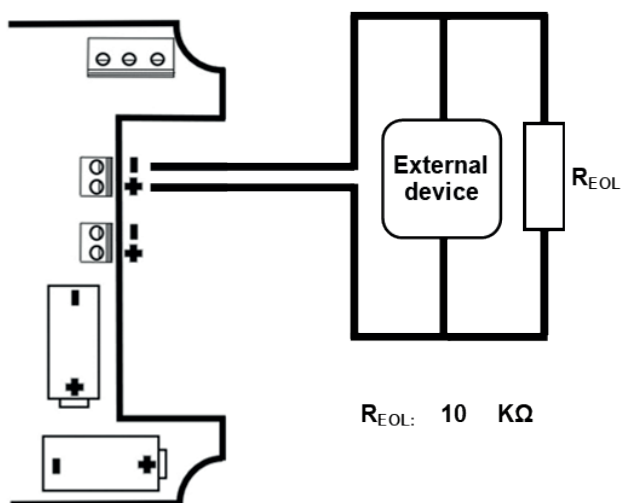


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Wiring example for the 12VDC/24VDC output.



Wiring example for the relay switch output.

