

PRODUCT DATASHEET - WIRELESS SINGLE CHANNEL OUTPUT MODULE



WAVE-SENSE

Wireless Device

TI-002255

DESCRIPTION

The TI-002255 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 24V dc output. The 24V output is capable of supplying power for operating low current third party equipment directly from the internal batteries.

TECHNICAL SPECIFICATION

Operating frequency range	865 MHz
Max radiated power	5dBm (3mW)
Radio signal modulation type	FSK
Operating frequency channels	7
Communication range with the translator or the expander	≤ 150 m (in open space)
IP Rating	65
Max humidity (non condensing)	95% RH
Weight (without batteries)	210 g
Primary battery / Life (typical)	CR123A (3V & 1.2 Ah)/3 yrs
Secondary battery / Life (typical)	CR123A (3V & 1.2 Ah)/2 months
Relay Specifications	2A (60W) @ 30V dc
Temperature Range (no icing)	-10°C to +55°C
Maximum Current Available	50mA @ 12V dc 40mA @ 24V dc
Fault Supervision Resistor	5.6K

STANDARDS & APPROVALS

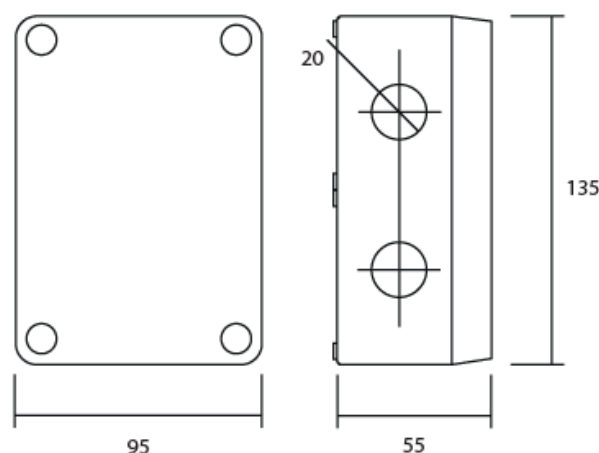
BS EN 54-18: Input / Output Devices

BS EN 54-25: Components using radio links & system requirements

KEY FEATURES

- Designed and tested as per EN 54-18, EN 54-25, certified by IMQ
- 1 Year product warranty
- Compatible with all Wave-Sense wireless translators and expanders
- 3 Year battery life (in ideal operating condition)
- Self optimising wireless frequency and amplitude algorithms
- Fully intelligent
- Change over relay and 24V output functionality
- On site programmable 12V/24V output

TECHNICAL INFORMATION



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