

WLS/MIP - Wireless Single Channel Input Module

- 3rd party approval to EN54-25 & EN54-18
- 3 year expected battery life
- Self optimising wireless frequency and amplitude algorithms
- Bi Directional wireless communication
- Fully intelligent
- Input circuits are fully monitored for alarm and fault conditions
- Utilises dual low cost lithium battery

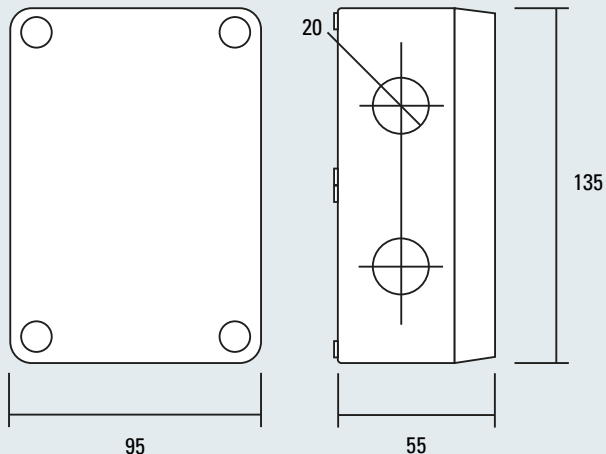


The Protec WLS/MIP Wireless Module has been designed to provide a convenient and cost effective solution for monitoring third party equipment. The unit has a single fully monitored input circuit which allows simple integration of third party equipment with the fire system. The unit is fully compatible with all Protec Translator and Expander modules and the well proven adaptive radio signal processing algorithms ensure the highest levels of life safety and system reliability.

Technical Specification



Dimensions (mm)

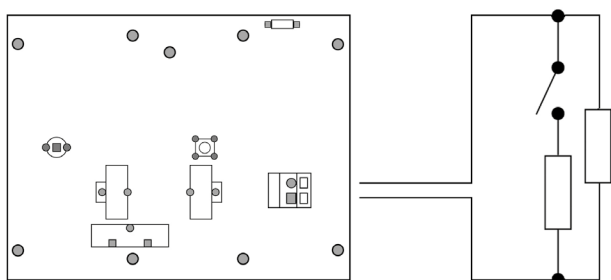


Technical Specification

Operating frequency range	868 - 870 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)
Max humidity	95% RH (non condensing)
Cable entry knockout holes	6 x M16/20
Applicable wire gauge range	0.5 mm ² to 2.5 mm ²
Weight (without batteries)	190 g
Primary battery	CR123A (3 V & 1.2 Ah)
Secondary battery	CR2032 (3 V & 0.24 Ah)
Primary battery life (typical)	5 years
Secondary battery life (typical)	2 months
Temperature Range	-10°C to +55°C (no icing)
Relevant Standard	EN54 Part 18 & 25

Connections and Configuration

Following is illustrated the electrical scheme for the connection of the input module to the external device which transmits the input signal to the module.



End of line resistor (R_{eol}) = 5.6K Ω
Alarm resistor (R_w) = 2.2K Ω



Company Policy is one of continuous improvement, we reserve the right to change specification without prior notice

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