

PRODUCT DATASHEET

SGMCB200

WIRELESS SINGLE CHANNEL BATTERY POWERED OUTPUT MODULE

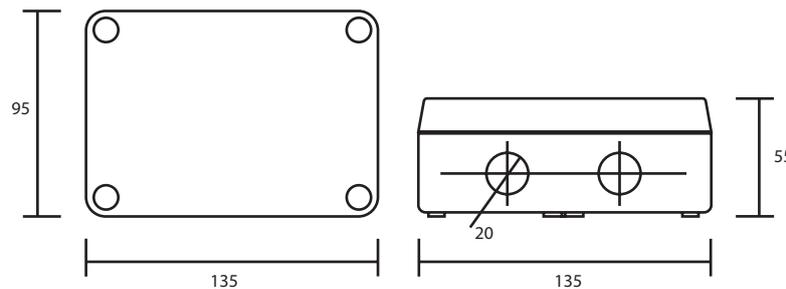
The Argus SGMCB200 output module has been designed to allow easy control of a variety of third party equipment including, Access control doors, ventilation plant and fire extinguishing systems. The unit is powered exclusively from its internal battery supply and is fitted as standard with both a set 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.



KEY FEATURES

- 3rd party approval to EN54:25
- 3 year product warranty
- Control of plant output
- 3 year battery life
- Self optimising wireless frequency and amplitude
- Fully intelligent
- Change over relay and 24V output functionality
- On site programmable 12V/24V output

TECHNICAL INFORMATION



TECHNICAL SPECIFICATION

- | | |
|---|----------------------------------|
| ■ Operating frequency range | 868.15 - 869.85 MHz |
| ■ Max radiated power | 5 dBm (3 mW) |
| ■ Radio signal modulation type | FSK |
| ■ Operating frequency channel | 7 |
| ■ Communication range with the translator or the expander | ≤ 150 m (in open space) |
| ■ IP Rating | 65 |
| ■ Max tolerated humidity | 95% RH |
| ■ Weight (without batteries) | 210 g |
| ■ Primary power cell: Type / Life Span | CR123A (3 V & 1.2 Ah) / 3 years |
| ■ Secondary power cell: Type / Life Span | CR123A (3 V & 1.2 Ah) / 2 months |
| ■ Relay Specifications: | 2A (60W) @ 30V dc |
| ■ Temperature Range : Relay Output Only | -30C to +55C |
| 12/24V o/p at 12Vdc | -10C to +55C |
| 12/24V o/p at 24Vd | 0C to +55C |
| ■ Powered Output Specifications | 30mA @ 12V dc
15mA @ 24V dc |
| ■ Fault Input Supervision Resistor | 5K6 or 5.6K |

STANDARDS & APPROVALS

- BS EN 54-18 Input / Output Devices
- BS EN 54-25 Components using radio links and system requirements



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