

Sagittarius wireless modules

SGMI200 monitor module



SGMC200 output module



SGMCB200 output module



description

SGMI200 battery powered monitor module has been designed to provide supervision of a single wired circuit for fault (open or short circuit) and alarm conditions. A tamper monitor switch indicates when the cover is opened.

SGMC200 & SGMCB200 output modules are designed to provide relay switching with normally open and normally closed contacts rated at 30VDC 2A.

SGMC200 output module requires a suitable 12V or 24VDC power supply unit which can be fault monitored by the module.

SGMCB200 is powered by on board batteries and in addition the changeover contacts can provide a low current output supplied by the battery at either 12V or 24VDC. This output can be pulsed and the relay contact operation can be programmed for different applications.

technical data

| | <u>SGMI200</u> | <u>SGMC200</u> | <u>SGMCB200</u> |
|-----------------------------------|----------------|--------------------|-----------------|
| operating frequency | 868MHz | 868MHz | 868MHz |
| radiated power | 5dBm (3mW) | 5dBm (3mW) | 5dBm (3mW) |
| modulation type | FSK | FSK | FSK |
| operating frequency channels | 7 | 7 | 7 |
| maximum humidity (non condensing) | 95% | 95% | 95% |
| primary battery | CR123A | externally powered | CR123A |
| secondary battery | CR2032A | externally powered | CR123A |
| ingress protection rating | IP65 | IP65 | IP65 |
| operating temperature range | -10°C to +55°C | -10°C to +55°C | -10°C to +55°C |

overview

The new Sagittarius wireless modules are available in 3 versions and replace the previous devices.

The modules offer high levels of environmental protection enabling them to be used in semi-exposed applications.

The enclosure is rated at IP65 and when installed with suitable glands a level of at least IP54 would expect to be maintained.

key features

- 5 year battery life (where fitted)
- internal antenna
- tamper monitoring
- bi-colour status LED
- 20mm knockouts
- robust housing