

Medal Energisers

Medal 500

Medal 1000

The Medal 500 and Medal 1000 from Gallagher Security Management Systems are single channel energisers, available in two power ratings to suit your requirements. These energisers are ideal for light industrial and domestic sites.



FENCE DETECTION

The energisers can be used to monitor the fence for an attack such as a cut or short. Any such attack will result in the appropriate alarm being generated.

EARTH VOLTAGE TAMPER DETECTION

Through monitoring the voltage on the earth, the energisers detect if the earth system is disabled and will raise the appropriate alarm.

GATE MONITORING

A low voltage contact can be used for gate monitoring. This allows the energisers to raise the appropriate alarm if a gate is opened.

SMART BATTERY BACKUP

In the event of AC power failure, the energisers will automatically switch over to the smart battery backup system, and will slow its pulse rate to conserve power.

If the battery voltage drops below the minimum threshold, an alarm will activate.

Further benefits include:

- Internal battery backup and charger, with additional external battery option
- Advanced AC power and fence lightning protection
- Programmable alarm outputs
- Simple to install and easy to operate.

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TECHNICAL SPECIFICATIONS

Medal 500 and Medal 1000

FUNCTION

Number of Channels (zones) One HV fence zone plus HV earth tamper detection
One LV Gate contact

HV Alarm Detection 3KV, 3 Pulses

Stored Energy Medal 500 4 Joules
Medal 1000 9 Joules

External Arm input Connection for remote arm / disarm switch

Gate Input Connection for Gate contact

Armed Output Contacts indicate armed / disarmed (Com, N/O)

Programmable Outputs Contacts (Com, N/O, N/C)
Output 1: Selectable as: Any alarm or Gate alarm.
Defined as: Timed (5min), Mimic or Latch.
Output 2: Selectable as: Any alarm or Fence / Earth alarm.
Defined as: Mimic or Latch.

DISPLAY INDICATIONS

Alarms HV Fence, HV Earth, LV Gate
(Audible indication by internal sounder for 5min)

General Armed / Fence pulse indication, AC Power on, Battery supply, Low Battery, Stop mode
(For critical battery conditions internal sounder will operate periodically).

POWER

Power Supply 90 – 265VAC, 50 – 60 Hz

Temperature rating -10°C to +40°C (14°F to 104°F)

Aux. DC output 12 – 14V, 0.5A (current limited)

Power Consumption Medal 500 35W
Medal 1000 50W

Battery Backup period* (internal 1.2Ah battery) (internal and external 55Ah battery)**
Medal 500 1.5 hours 70 hours
Medal 1000 1 hours 45 hours

PHYSICAL

Dimensions Height 320mm (12 1/2")* Depth 130mm (5 1/8")
Width 230mm (9") Weight 3kg (6 1/2lb)

* Estimated battery backup period

** Other battery sizes can be added if required

Disclaimer

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