

Gallagher Medal 501 Fence Controller

The Medal 501 from Gallagher is a single channel energiser, ideal for light industrial and domestic sites.



The Gallagher Medal 501 provides an active deterrent and detection system for any would-be intruder.

FENCE DETERRENT

The fence controller sends regulated electrical pulses along the fence wires, which give a short, sharp but safe shock when contact is made with the fence.

FENCE DETECTION

The fence controllers 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:

- > 24 hour internal battery backup and charger
- > Programmable alarm outputs
- > Simple to install and easy to operate.

OPTIONAL KEYPAD

The Medal keypad provides the option of alarms management at the keypad. The fence controller can be armed at either the unit or the keypad, with the keypad providing confirmation that the unit is armed, by operating on last request. If the unit goes into alarm, the corresponding LED on the keypad will light up.

INDUSTRIAL DESIGN

The Medal 501 enclosure has been designed to meet specific requirements of light industrial and domestic sites.

Design elements include:

- > Concealed terminals to avoid accidental contact
- > Scratch resistant surface with raised detail to protect surface area from scuffing
- > Pleasing aesthetic with robust design

Technical Specifications

GALLAGHER MEDAL 501 FENCE CONTROLLER

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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		5 Joules
External Arm Input		Connection for remote arm/disarm switch
Gate Input		Connection for Gate contact
Armed Input		Contacts indicate armed / disarmed (Com, N/O, N/C)
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	100 - 240VAC, 50 - 60 Hz	
Temperature Rating	-10°C to +40°C (14°F to 104°F)	
Aux. DC Output / Input	12 - 14V, 0.5A (current limited)	
Power Consumption	24W	
Backup Battery Period*	Internal 7Ah	24 hours
	Internal 7Ah plus external 7Ah	48 hours
	External 55Ah	212 hours (8 days)

PHYSICAL

Dimensions	H x W x D	255 x 380 x 115 mm (10 x 15 x 4½")
	Weight	2.6 kg (5¾ lb)

* Estimated battery backup period. Other external battery sizes can be added if required.

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