

PowerFence™ 3 Zone Fence Integrity Monitor

Three zone monitoring for fence damage without deterrent
(Safety Extra Low Voltage Output).



The 3 Zone Fence Integrity Monitor from Gallagher Security Management Systems is a three channel alarm detector that can operate on a PowerFence™ system with or without the deterrent feature of an active, high voltage, electric pulse. This ability makes it an ideal solution for sites which want to maintain detection without a deterrent pulse during the day or at times of low risk.

The 3 Zone Fence Integrity Monitor provides a 'cut wire' detection and 'short circuit' detection without the need to change the fence configuration from the standard configuration. It provides a local, on-site warning signal which can be connected to remote telemetry.

Applications

The 3 Zone Fence Integrity Monitor can be installed as a stand-alone alarm detector or used in conjunction with a PowerFence™ Controller. The 3 Zone Fence Integrity Monitor monitors a maximum of three fence zones.

Stand-alone Application

When used without a fence controller, the 3 Zone Fence Integrity Monitor detects when one of its associated fence zone is damaged or attacked. It provides detection without the deterrent feature (safety extra low voltage output).

Integration with Powerfence™ System Controllers

When used in conjunction with a PowerFence™ Controller, the 3 Zone Fence Integrity Monitor provides a second, separate fence monitoring source. Sites can have up to three 3 Zone Fence Integrity Monitors associated with a single fence controller.

The 3 Zone Fence Integrity Monitor detects damage to the pulse wire independently of the PowerFence™ pulse, even when the PowerFence™ is turned off.

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TECHNICAL SPECIFICATIONS

3 Zone Fence Integrity Monitor

Number of Channels (zones)

3

Output per Zone

1 x Clean contact (cut wire detection, short circuit detection) 24V, 3A

NOTE: Relays are normally energized for "fail safe" operation

COMPATIBILITY

Medal 500, Trophy 6, Trophy 48, Trophy FT

TEMPERATURE RATING

-10°C to +40°C (14°F to 104°F)

POWER

Power Supply

12 - 15 VDC

Power Consumption

750mA (per 3 zone controller)

PHYSICAL

Dimensions

Height	255mm (10")
Width	380mm (15")
Depth	111mm (4 1/2")
Weight	2.25kg (5lb)

PART NUMBERS

Fence Integrity Monitor

G29003

End of Line Termination

G29100

1 Amp Power Supply

G29200

NOTE:

If installed as a stand-alone device the 3 Zone Fence Integrity Monitor must be installed with an End of Line Termination device. Suitable for use on the same zone as a PowerFence™ High Voltage Gate Switch (3 Zone FIM Compatible).

Can be powered by Trophy Fence Controllers.

COMPLIANCE STANDARDS



ACN 002132943

All equipment complies with CE and C-Tick approvals. Please contact Gallagher Security Management Systems for the latest list of approvals.



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