



## ZM20 Security Electric Fence Monitor

PTE0213

The JVA ZM20 is designed to be coupled with any standard electric fence energiser<sup>[1]</sup> to power and monitor a perimeter security electric fence. In addition to the features of the ZM1 the ZM20 can be programmed to determine the position of a fault on the fence. Up to 20 different sectors within 1 zone can be differentiated. The ZM20 powers both “ends” of the fence and determines the position of a fault using digital signal processing.

### Benefits:

- 2 to 20 Programmable Sectors
- Reports the fault position (LCD and data output)
- Cut or bridge alarm on sudden reduction in current
- Monitors ground voltage, fence voltage and fence currents
- Control and program via LCD keypad or Touch keypad
- Monitor via PC<sup>[2]</sup> (using Perimeter Patrol software)
- 2 dry contact control inputs
- Siren and Strobe switched 12V DC outputs
- 3 form C relays with many programmable functions
- Built in charger and space for a 12V 7.2aH backup battery
- Run from 16Vac or 12Vdc external source
- TCP/IP connectivity<sup>[3]</sup>

[1] The energiser must comply with IEC60335.2.76 (or similar) safety standard. Maximum energiser supported: 20 Joules.

[2] PAE051, PAE223 or PAE100 serial data adaptor required

[3] PAE212 Ethernet adaptor required

### Specifications:

Maximum	Fence Voltage: Fence Current:	9.9kV 80 Amps
Size	Height: Width: Depth:	303 mm 223 mm 122 mm
Weight	Packed:	1.6 kg (No Battery)
Resolution	1 in 10000	0.01%
Accuracy	+/- 0.25% fence length	



