

RIGHTWAY PATHFINDER MK10 - GSM

BOWDEN'S

The Fault passage indicator that will pass a message to your mobile telephone, as soon as it senses a fault.

THE EASY WAY TO FIND 11KV FAULTS FAST



FEATURES

- Based on the highly successful MK8 Portable Overhead Line Fault Passage Indicator for locating Earth & Phase to Phase faults.
- Incorporates GSM modem to allow fault alarm to be sent using SMS Text messaging service to either an engineer's P.C. or mobile telephone.
- Multiple alarms, from a number of units deployed, will stack on the GSM network, and be delivered in sequence with a network time and date stamp.
- The PATHFINDER MK10 GSM is set up and commissioned from a dedicated Web-Page to define call receiving telephone number, and the function of the alarm
- Designed to be fitted to wood poles, and left for a period to detect persistent transient and hard to find permanent faults. Environmentally tested to IP65.
- No visible antenna or aerial to attract vandals or theft. Optional cover for added weather protection and anonymity.
- Single integral Lithium cell for up to 10 years life, (dependant on usage) with battery condition alarm.
- Will connect through any service provider

Fault passage indication

The detection of overhead line faults is based on a re-packaged Pathfinder MK8, which has proved so successful in locating hard to find permanent faults, or persistent transient faults on 11 and 33KV overhead line applications. The new Pathfinder MK10 – GSM will be mounted in a similar way, at ground level, although a more secure alternative is offered to protect against theft.

As with previous models of Pathfinder, the instrument should be located on a clean, unearthed, intermediate pole, and clear from other influences that might effect the magnetic field around the vicinity of the pole. The sensitivity can be selected according to the fault level (Sensitivity High for fault levels up to 150MVA, and Low for fault levels above 150MVA.)

When the unit is turned on, a self test is carried out to prove the battery level, and logic circuit.

Communications

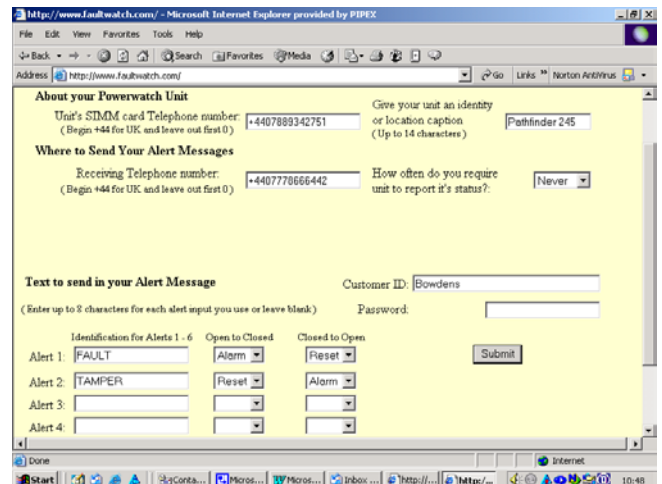
Once a SIM card is inserted into Pathfinder MK10 – GSM it can be set up and commissioned via a dedicated web-page on the internet. The Identity of the unit, the receiving telephone number, and the functions of the alarm can be programmed, and the message sent to prove the set up.

Pathfinder MK10-GSM uses the SMS text messaging service provided by any server. As soon as a fault is detected, the alarm is sent to either the engineer's mobile telephone, or P.C. (for which software is provided) where it is logged with date and timestamp.

Battery voltage is also monitored, and an anti-tamper alarm is also provided.

Anti-tamper alarm is available if the instrument is removed from the pole.

An intermittent fault downstream of a pole mounted recloser can be identified immediately, with great benefits in time-saving



Web-site Set-up page & message received on mobile telephone

