

PATHFINDER 360 *ALPHA*

The Overhead Line Fault Passage Indicator
for 6.6KV – 33KV Wood Pole Lines



BOWDENS

Bowden Bros. introduce the Pathfinder 360 *Alpha*, a sophisticated overhead line fault passage indicator that will detect earth faults and phase to phase faults of either a permanent or a transient nature, and indicate with both a high intensity Xenon Gas flashing light and a bright LED.

BENEFITS

- * Reduced Fault Outage Times
- * Reduced Manpower Costs and Effort
- * Reduction in Consumer Hours Lost
- * Reduced Plant Duty
- * Fewer Customer Complaints

FEATURES

- * Microprocessor technology gives dual logic to sense SEF earth faults, and high value earth or phase to phase faults.
- * Purpose moulded single piece polycarbonate casing with screw top lid, pressure tested to to 10 p.s.i. for 24 hours.
- * C.E. mark certified with full EMC (Electromagnetic Compatibility) compliance to BSEN50081-1 and BSEN50082-1. (Heavy Industrial).
- * Auto Gain adjusts initial sensitivity automatically according to the value and balance of load current.
- * Changeable 16A.H. Lithium battery gives over 1000 flashing hours (depending on temperature).
- * Dual indication from High intensity Xenon flashing light, and red LED to give long time and transient fault indications.
- * Type 'F' *Alpha* will operate for low level faults cleared by SEF at source where a fuse has insufficient current to rupture.
- * Timed reset of flashing light to suit customer (3, 4, 6, or 8 hour), and reset of LED on restoration of line voltage for normal operation.
- * Designed to respond to live line faults, or to a fault following a Circuit Breaker reclosure onto a dead line.
- * A unique field monitoring feature incorporates a 40 msec delay which will inhibit operation from stray capacitive currents and magnetising inrush current.



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