

Patrolman

FI-5A Overhead Faulted Circuit Indicator

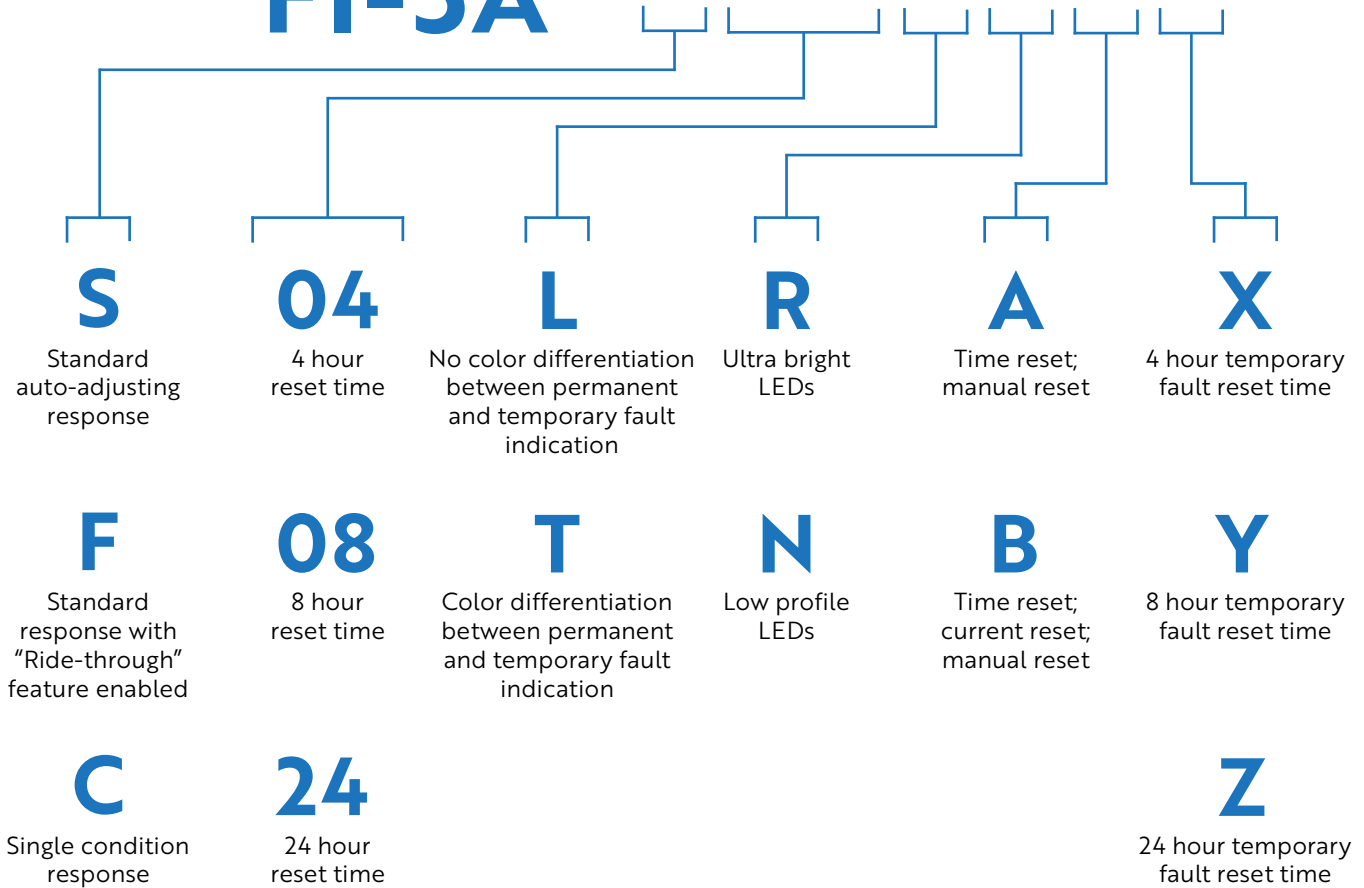
The Patrolman improves system reliability by monitoring overhead lines for faults. Its power-efficient electronics, durable mechanical design, and reliable operating principle ensure a long field life of helping to easily locate faults and quickly re-energize power systems



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| Trip Current Range | Auto-adjusting trip point with real time load tracking |
| Voltage Range | Suitable for all voltages up to 69 kV |
| Power Source | 10.9 Ah lithium cells, replaceable *20+ year shelf-life *harvests power from the line when load is >25 A |
| Current Withstand | 25kA for 60 cycles (1 second) |
| Manufacturer's Warranty | 5 years from date of purchase |
| Installation Diameter Range | 0.3 in to 1.7 in (8 mm to 42 mm) *bare or covered conductors |
| Indication | <ul style="list-style-type: none"> • High-intensity LEDs with light sensor • Custom designed lens gives true 360 degree visibility |
| Accuracy | +/-5% |
| Auto Reset Time | <ul style="list-style-type: none"> • Customer specified (standard settings of 4 hr, 8 hr, or 24 hr) • Separate reset times available for permanent and temporary faults |
| Total Indicating Time | >8000 hours |
| Visibility | >1500 ft daytime; >2500 ft nighttime |
| Casing Materials | UV stable polycarbonate and potting compound |
| Current Transformer | Split core corrosion resistant stainless steel |
| Temperature Range | -50°C to +85°C |
| Weight | 22 oz (620 g) |
| Notable Features | <ul style="list-style-type: none"> • Superior inrush current restraint • Recognizes post-fault backfeed current • No minimum load current requirement to respond to faults • Butterfly-style clamp for easy and safe installation & removal with hot stick • Wide variety of settings available to accommodate existing customer practices and modern power systems |
| Compliance Standards | IEEE-495 (2007) compliant and ISO-9001 certified |



FI-5A



- Additional configurations and indication settings available. Ask your SGS sales representative or contact SGS directly to learn more about other options.