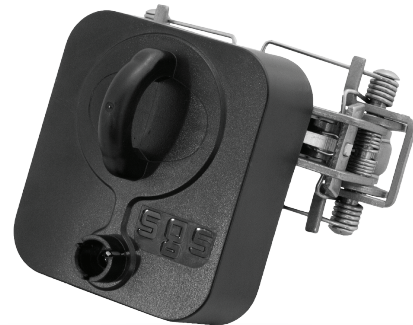


○ SPECIFICATIONS

FI-3C

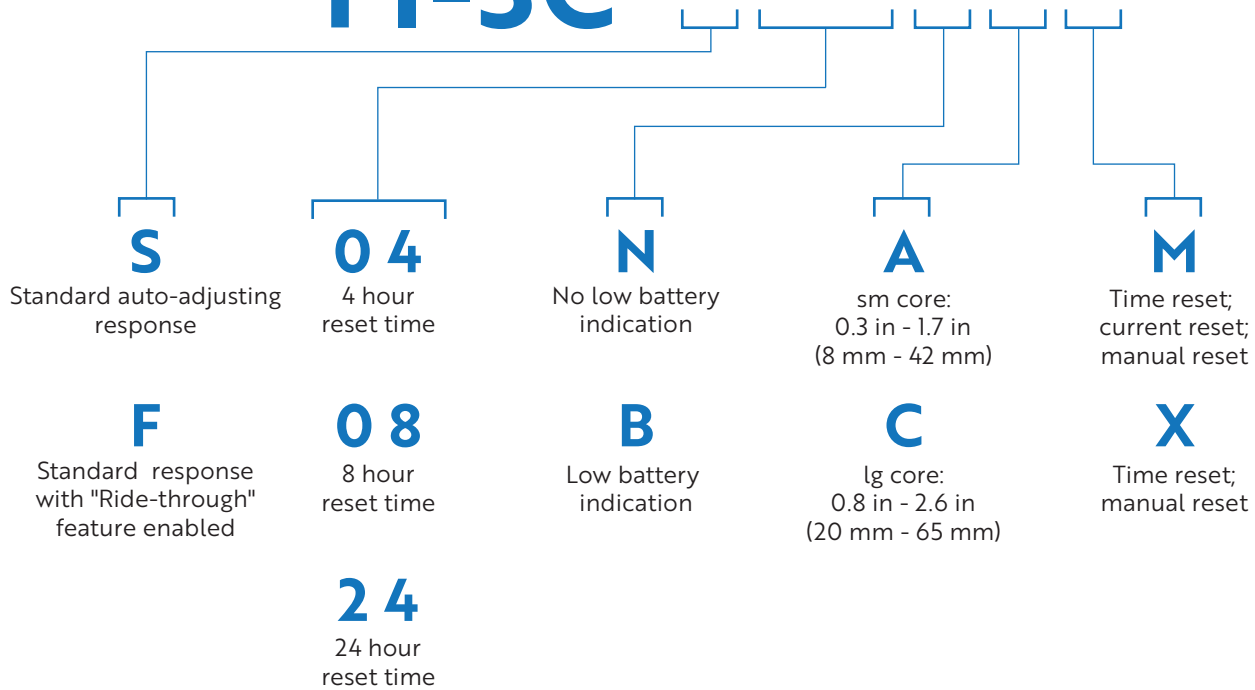
Underground Faulted Circuit Indicator



Trip Current Range	Auto-adjusting trip level with real time load tracking
Voltage Range	Suitable for all voltages up to 69 kV
Power Source	2.4 Ah lithium cell, non-replaceable *20+ year shelf-life *harvests all required power from the line when load is >20 A
Manufacturer's Warranty	5 years from date of purchase
Installation Diameter Range	<ul style="list-style-type: none"> • Small: 0.3 in to 1.7 in (8 mm to 42 mm) • Large: 0.8 in to 2.6 in (20 mm to 65 mm)
Indication	<ul style="list-style-type: none"> • Standard local LED and optional remote fiber optic indicator • Option low battery indication
Accuracy	+/-10%
Auto Reset Time	Customer specified (standard settings of 4 hr, 8 hr, or 24 hr)
Total Indicating Time	>2000 hours
Current Withstand	35 kA for 3 seconds
Casing Materials	UV stable polycarbonate and potting compound
Current Transformer	Split core corrosion resistant stainless steel
Weight	16 oz (435 g)
Notable Features: Operating Principle	<ul style="list-style-type: none"> • Sub-cycle response time (ideal for use with current-limiting fuses) • Superior inrush current restraint • No minimum load current requirement to respond to faults • Recognizes post-fault backfeed current • Wide variety of settings available to accommodate existing customer practices and modern power systems.
Compliance Standards	IEEE-495 (2007) compliant and ISO-9001 certified

○ CATALOG NUMBER

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

Additional Options	Description	Example
-	Standard unit - includes 6 ft fiber optic cable	FI-3C S04NAM
-10	Includes 10 ft fiber optic cable	FI-3C S04NAM-10
-NFO	Does not include fiber optic cable	FI-3C S04NAM-NFO
-3PH	Three-phase kit, which includes three fault indicators and one 6 ft 3-to-1 fiber optic cable	FI-3C S04NAM-3PH
-3PH-10	Three-phase kit, which includes three fault indicators and one 10 ft 3-to-1 fiber optic cable	FI-3C S04NAM-3PH-10
-HEX	Includes an easily applied hex fixing stud	FI-3C S04NAM-10-HEX