

FI-3A SMART-DETECT FAULT CIRCUIT INDICATOR

SMART fault indicators that take the guesswork out of fault locating and feeder switching

SPECIFICATIONS

Trip Current Range	auto-adapting trip level with real time load tracking
Temperature Range	-40°C to +85°C
Accuracy	± 5%
Auto Reset Time	customer specified (4, 8, 12, or 24)
Current Reset	>1A load current
Power Source	3 lithium metal cells, replaceable, 20-year shelf life
Indication	a) fault - 3 red LEDs; low battery - 1 yellow LED b) permanent fault - 2 red LEDs; temporary fault - 1 blue LED; low battery - 1 yellow LED
Total Indicating Time	>2,000 hours
Flashing Frequency	35 per minute
Maximum Operating Voltage	40 kV (Ph-G)
Current Withstand	35 kA for 3 sec
Adjacent Cable Immunity	3 inches @ 10 kA
Cable Diameter Range	0.25 inches to 1.65 inches
Casing Material	UV stable polycarbonate
Current Transformer	closed-core ferrous stainless steel
Visibility	1,200 ft day; 2,400 ft night
Weight	18 oz
Reset Options	a) current, time, manual b) time, manual
LED Options	a) 3 red LEDs, 1 yellow LED b) 2 red LEDs, 1 blue LED, 1 yellow LED
Analysis Options	a) standard - 120A delta, regular feeder b) custom - current delta per customer specification (50A delta minimum), single phase long distance feeder



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CATALOG NUMBER

FI-3A

S = standard 120 Amp delta
C = custom Amp delta;
will be noted in order sheet*

24 = 24 hour reset time
12 = 12 hour reset time
08 = 8 hour reset time
04 = 4 hour reset time
00 = custom reset time;
will be noted in order sheet*

L = standard LED flashing
T = differentiated temporary and
permanent LED flashing

R = regular line
D = single phase long distance*

A = time reset; manual reset
B = time reset; current reset;
manual reset

* Custom features (including single phase long distance option, custom reset time less than 4 hours, and custom Amp delta other than 120 Amps) require a minimum order of 300 units.

Example:

FI-3A S04TRA