

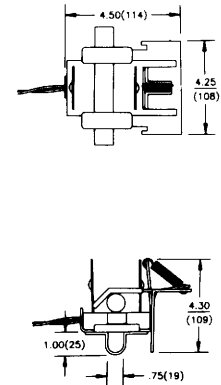
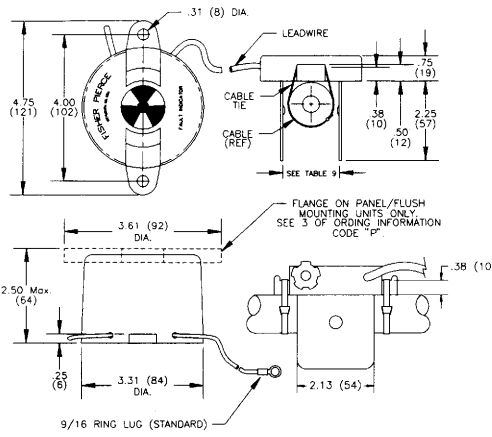
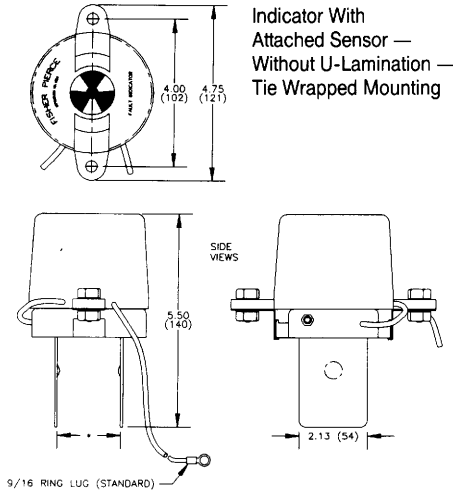


**Specifications**

**Trip current:** Factory preset from 100 to 1500A  
**Trip current Accuracy:** +/- 10%  
**Trip Response Speed:** Coordinates with properly applied current limiting fuses  
**Reset Voltage (factory preset):**  
 120V rating - minimum reset voltage: 102V  
 277 V rating - minimum reset voltage: 235V  
**Maximum Reset Response Time:** 60 seconds  
**Reset Lead Length:** 4 or 6 ft.

**Fault Withstand Capability:** 25kA for 10 cycles per ANSI/IEEE 495-1986  
**Secondary Voltage Surge Withstand Capability:**  
 Conforms to ANSI/IEEE C62.41  
**Maximum Continuous Load Current:** 1000A  
**Operating Temperature:**  
 Sensor: -50°C to +90°C  
 Indicator: -40°C to + 85°C  
**Submersibility:** Tested to 20 feet  
**Life Expectancy:** 20 +/- years

**Mechanical Data** (All dimensions in inches with millimeter equivalents in parentheses.)



**Ordering Information**

To order a Series 1516 Voltage Reset Fault Indicator specify a code letter or number for each of the following: (1) basic model, (2) trip sensitivity and outputs, (3) indicator mounting options, (4) trip current setting, (5) trip curve, (6) reset voltage sensitivity, (7) lead length between sensor and display, (8) sensor termination, (9) maximum cable diameter, (10) reset voltage lead length, (11) factory code. NOTE: Not all combinations are available, consult factory. Mounting kit and brackets are available, consult factory. The following is an example of a correctly specified unit.

**1516 A B - 2 A 1 10 S B 6 B**

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) **Factory Code**

Number	Basic Model
1516	Automatic reset after restoration of secondary voltage.

Code	Trip Sensitivity and Outputs
S	Standard sensitivity ± 10% with latching relay
A	Standard sensitivity ± 10% with latching relay and SCADA output contacts (N.O.)

Code	Indicator Mounting Options
B	Bracket/surface mounted (remote from sensor)
P*	Panel/flush mounted (remote from sensor)
M	Tie wrap mounted (attached indicator/sensors)

Code	Trip Current Setting (Amps)
1	100
2	200
2.5	250
3	300
4	400
5	500
6	600
8	800
10	1000
12	1200
15	1500

Code	Reset Voltage and Lead Length
6	6 ft. standard
xx	xx ft. optional. 12 ft. max. length and code numbers

Code	Maximum Cable Diameter
B	1 5/8"
D	2 3/16"
K	2 5/16"

Code	Trip Curve/Reset Time
A	Standard
B	Standard with inrush restraint

Code	Reset Voltage Sensitivity
1	120V Nominal (102V minimum reset voltage) for use on 208/120V, 3Ø and 240/120V, 1Ø.
2	277V Nominal (235V minimum reset voltage) for use on 480/277V, 3Ø.

Code	Lead Length Between Sensor and Display
10	10 ft. standard
xx	xx ft. optional. 30ft max.
N	None. Attached indicator sensor units. "G" sensor termination.

Code	Sensor Termination
G	Sensor attached to indicator, tie wrap mount
S	Terminates with remote lead connected sensor.
H	Hotstick clamp attached to sensor ("B" & "D" sensors only)

\*P Mounting Kit (2050-1)

Specifications are subject to change.



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