LINAM® TR

Underground Timed-Reset Fault Indicator

Economical fault indicator for momentary fault and backfeed applications

- Fault indicating is fast (1 ms) and reliable for underground distribution circuits.
- Timed-reset status indication gives crews time to locate the faulted circuit section, regardless of the circuit condition.
- Trip thresholds from 50 to 1,200 A allow universal application across distribution systems.

Key Features

The LINAM TR holds its tripped status indication for a set time, regardless of the presence of current or voltage on the distribution circuit. You can use this functionality for applications where backfeed voltage or current can falsely reset restoration-reset fault indicators in the fault path.

The 1 ms trip response time and time-based reset interval makes the TR ideal for momentary fault-locating applications. Restoration-reset fault indicators will reset when the line re-energizes after a momentary fault, making it difficult to locate the fault. The LINAM TR holds its tripped status for a set time, leading crews to the fault location even after power is restored.

Reset Intervals

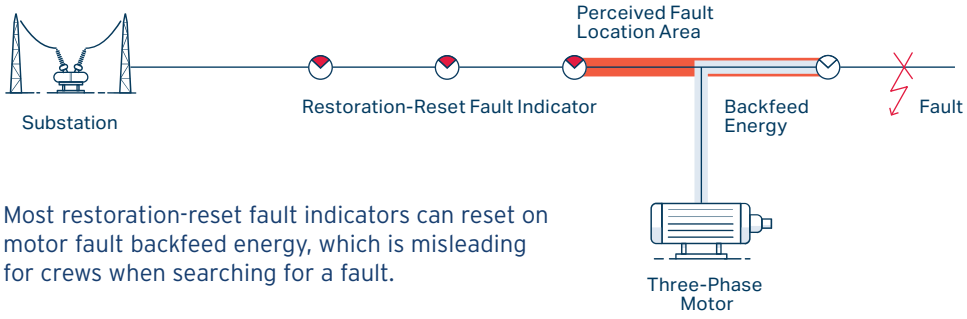
A factory-set 2-, 4-, or 8-hour reset interval will automatically reset the TR. You can also manually reset the units using the CRSRTT magnet tool.

Economical Solution

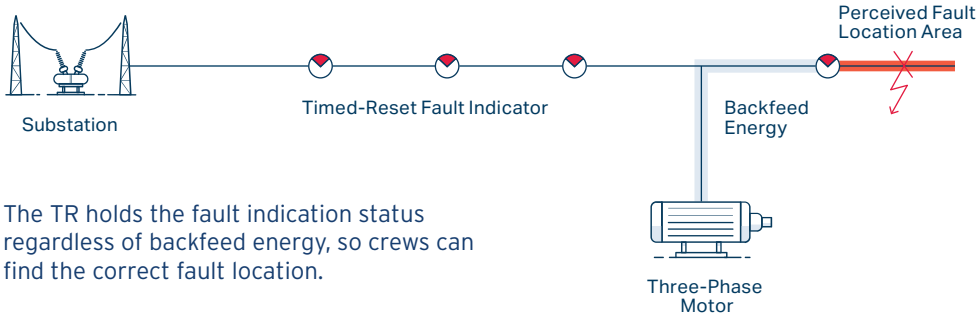
The TR is available with a long-lasting nonreplaceable battery for installations that require a long operational life.

Industrial Backfeed

Circuits feeding large industrial equipment and rotating machinery can contribute energy into a fault past the location of the fault indicator within the fault path. Sometimes, this energy is sufficient to reset a current- or voltage-reset fault indicator, misleading crews searching for a fault. The TR provides fault indication for the reset period regardless of the duration or magnitude of the backfeed condition.



Most restoration-reset fault indicators can reset on motor fault backfeed energy, which is misleading for crews when searching for a fault.



The TR holds the fault indication status regardless of backfeed energy, so crews can find the correct fault location.

The TR is ideal for underground systems that do not provide sufficient voltage or current to reset and arm a fault indicator.

Remote Displays That Reduce Fault-Finding Time

Remote display options save time and improve safety by eliminating the need for line crews to open high-voltage enclosures or enter subsurface vaults during fault-finding patrols. The TR is compatible with a variety of remote display options, including energy-efficient mechanical flag displays and bright BEACON® LED displays.

Large "L" Display (BEACON LED optional)

Standard "V" Display (BEACON LED optional)

BEACON Bolt® display

RadioRANGER® Remote Fault Reader (SEL-8310 Display)

Specifications

LINAM TR	
Power Source	3.6 V lithium battery with a 20-year shelf life
Replaceable Battery	2.4 Ah cell
Nonreplaceable Battery	8.5 Ah cell
Nominal Trip Ratings	50 to 1,200 A
Trip Tolerance	±10%
Maximum Fault Current	25 kA
Reset Time	2, 4, or 8 hours
Trip Response Time	1 ms (optional 24 ms with delayed trip)
Display Options	Built-in flashing BEACON LED Standard remote Large remote BEACON Bolt LED SEL-8310 RadioRANGER Remote Fault Reader
Outer Diameter Clamping Range	0.50" to 1.6"
Clamp Material	Stainless-steel clamp with a UV-stabilized rubber sleeve
Temperature Range	−40° to +85°C (−40° to +185°F)
Approximate Weight	400 g (0.88 lb)

SEL SCHWEITZER ENGINEERING LABORATORIES

Making Electric Power Safer, More Reliable, and More Economical
+1.509.332.1890 | info@selinc.com | selinc.com

© 2026 by Schweitzer Engineering Laboratories, Inc.
PF00638 • 20260331

WORLDWIDE 10 years WARRANTY