



# UNDERGROUND LOAD TRACKER WITH LOAD MEMORY

- *One size for all circuits*
- *Self adjusting to load current*
- *Proximity immunity to 2.3" at 10KA*
- *Automatic reset on time and current*
- *Local or remote LED indication*
- *Automatic In-Rush Restraint*
- *Load Tracking above 40 Amps*
- *1200 flashing hours*
- *SCADA ready*
- *Elbow or Cable Mounted*
- *Lightweight = 8 ounces*
- *Closed Core CT Design*
- *Self Powered*
- *Manual Test and Reset*
- *Hot stick applied*
- *1 minute installation time*
- *72 Hour Load Memory*



ANSI/IEEE 495-2007 Compliant  
ISO 9001 Certified Factory

This FCI identifies peak load current, adjusts to the proper trip rating and holds the trip rating for 72 hours. The trip response curve shape eliminates inrush tripping. Seventy two hour Load Memory allows more versatility from one FCI.

New stainless steel hardware, increased battery life and greater LED visibility are improved features of this latest generation of Load Tracking technology. With a lithium cell shelf life of over 20 years and an indicating life of more than 300 faults, the Load Tracker LM will provide unrivaled fault indication for years into the future.



**Cable or Elbow Mounting**



# FCI LOAD TRACKER TECHNICAL DATA

<b>Electrical Data</b>	<b>MEETS OR EXCEEDS ANSI/IEEE STD. 495-2007</b>
<b>Trip Current Range</b>	200A to 2400 A (200A DEFAULT)
<b>Temperature Range</b>	-40 to +85 Degrees C
<b>Accuracy</b>	±10% @ 20 Degrees C
<b>Load Tracking</b>	Initiated after Load = 40 A or greater
<b>Auto Reset Time</b>	4 Hours Standard, 2, 8, and 24 Hour Optional
<b>Current Reset</b>	5 Amps Small Core / 10 Amps Large Core
<b>Power Source</b>	1.2 AH Lithium Oxide Cell, non-replaceable, 15 to 20 year life
<b>Indication</b>	Bright LED, Viewing Angle 30 degrees, Local or Remote optic
<b>Total Indicating Time</b>	>1200 Hours
<b>Flashing Frequency</b>	30 per minute
<b>Maximum Operating Voltage</b>	46 KV
<b>Current Withstand</b>	25,000 amps sym. RMS / 170 msec.
<b>Adjacent Cable Immunity</b>	2.3 inches @ 10KA
<b>Cable Diameter Range</b>	.85 inches to 2.52 inches
<b>Casing Material</b>	UV stable polymer
<b>Current Transformer</b>	Closed Core stainless steel
<b>Weight</b>	8 oz.

## Catalog Number Selection

29	X	X Select Reset Option	XX Select Cable Diameter	XXX	Min. Trip	Reset Time
29= UG LTLM	Standard: 6 = Load Tracker 200A Minimum Trip	1 = Current, Time/Manual Reset  2 = Time/Manual Reset only	14 = 0.85 to 1.57"  15 = 1.0 to 2.52"	000 = No Fiber Optic 0F0 = 1 Phase Fiber Optic 3F0 = 3 FCIs and 3 Phase Fiber Optic	200A Min	4 Hour 8 Hour 24 Hour

\* **FOR SPECIAL APPLICATIONS OR REQUIREMENTS PLEASE CONTACT PDP INC.** \*

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