

- *One Size For All Circuits*
- *Self Adjusting Trip Rating to Load Current*
- *Load Tracking Above 50 Amps*
- *72 Hour Peak Load Memory*
- *Automatic Reset On Time and/or Current*
- *Local or Remote LED Indication*
- *Automatic In-Rush Restraint*
- *Self Powered / Armed and Ready*
- *1500 Flashing Hours / 20 Year Shelf Life*
- *Elbow or Cable Mounted*
- *Lightweight Less Than 10 Ounces*
- *Hot Stick Applied / Quick Installation*

**Large Core—29-6115-000****Small Core—29-6114-000**

Meets or Exceeds ANSI/IEEE 495-2007  
ISO 9001 Certified Factory

This FCI identifies peak load current, adjusts to the proper trip rating and holds the peak load trip rating for 72 hours. This feature allows for greater flexibility as to where the unit is installed - close in to the substation or further out on the line. The trip response curve in conjunction with Load Memory helps eliminate in-rush tripping.

With a lithium cell shelf life of over 20 years and over 1500 hours of indicating life, the Load Tracker LM will provide unrivaled fault indication for years into the future.

**Elbow  
Mount****Remote Fiber Optic**



# FCI LOAD TRACKER LM Underground

Technical Specifications	
<b>Standards</b>	MEETS OR EXCEEDS ANSI/IEEE STD. 495-2007
<b>Minimum Trip Current</b>	200 A Minimum Trip @ 200 msec.
<b>Load Tracking Initiation</b>	50 A
<b>Load Memory for Self Adjustment</b>	72 Hours
<b>Current Reset</b>	5 Amps Small Core / 10 Amps Large Core
<b>Auto Reset Time</b>	4 Hours Standard, 8, 12 and 24 Hours Optional
<b>Maximum Operating Voltage</b>	46 kV L-L
<b>Accuracy</b>	+10% @ 20 Degrees C
<b>Current Withstand</b>	25,000 Amps Sym. RMS / 170 msec.
<b>Power Source</b>	Lithium Oxide Cell, Non-Replaceable, 20 year Shelf Life
<b>Indication</b>	Bright LED, Viewing Angle 30 degrees, Local or Remote Optic
<b>Total Indicating Time</b>	> 1500 Hours
<b>Flashing Frequency</b>	30 per minute
<b>Temperature Range</b>	-40 to +85 Degrees C
<b>Adjacent Cable Immunity</b>	2.3 inches @ 10kA
<b>Cable Diameter Range</b>	0.8 inches to 2.6 inches
<b>Casing Material</b>	UV Stable Fiber Reinforced Polymer
<b>Current Transformer</b>	Closed Core Stainless Steel
<b>Weight</b>	8 oz. for Small Core / 10 oz. for Large Core

Catalog Number Selection					
29	6	Reset Option (X)	Cable Diameter (XX)	Fiber Cable Option (XXX)	Reset Time (X)
UG Load Tracker	Standard: Load Tracker LM 200A Minimum Trip	Select One 1 = Current + Time + Manual Reset 2 = Time + Manual Reset	Select One 14 = 0.8" to 1.6" 15 = 1.6" to 2.6"	Select One 000 = No Fiber Optic 0F0 = 1 Phase Fiber Optic 3F0 = 3 FCIs and one 3 Phase Fiber Optic	Select One 4 Hour (Std.) 8 Hour 12 Hour 24 Hour

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

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