

- *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	
Standards	MEETS OR EXCEEDS ANSI/IEEE STD. 495-2007
Minimum Trip Current	200 A Minimum Trip @ 200 msec.
Load Tracking Initiation	50 A
Load Memory for Self Adjustment	72 Hours
Current Reset	5 Amps Small Core / 10 Amps Large Core
Auto Reset Time	4 Hours Standard, 8, 12 and 24 Hours Optional
Maximum Operating Voltage	46 kV L-L
Accuracy	±10% @ 20 Degrees C
Current Withstand	35 kA for 3 seconds
Power Source	Lithium Oxide Cell, Non-Replaceable, 20 year Shelf Life
Indication	Bright LED, Viewing Angle 30 degrees, Local or Remote Optic
Total Indicating Time	> 1500 Hours
Flashing Frequency	30 per minute
Temperature Range	-40 to +85 Degrees C
Adjacent Cable Immunity	2.3 inches @ 10kA
Cable Diameter Range	0.8 inches to 2.6 inches
Casing Material	UV Stable Fiber Reinforced Polymer
Current Transformer	Closed Core Stainless Steel
Weight	8 oz. for Small Core / 10 oz. for Large Core

Catalog Number Selection					
29	— 6	Reset Option (X)	Cable Diameter (XX)	Phase & 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 = 1 Phase, No Fiber Optic 0F0 = 1 Phase with Fiber Optic 3F0 = 3 Phase 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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