

- *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*

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.



Large Core—29-6115-000



Small Core—29-6114-000



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               | 25,000 Amps Sym. RMS / 170 msec.                            |
| 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)                                  | Fiber Cable Option (XXX)                                                                                       | Reset Time (X)                                              |
| UG Load Tracker          | Standard:<br>Load Tracker LM<br>200A Minimum Trip | Select One<br>1 = Current + Time + Manual Reset<br>2 = Time + Manual Reset | Select One<br>14 = 0.8" to 1.6"<br>15 = 1.6" to 2.6" | Select One<br>000 = No Fiber Optic<br>0F0 = 1 Phase Fiber Optic<br>3F0 = 3 FCIs and one<br>3 Phase Fiber Optic | Select One<br>4 Hour (Std.)<br>8 Hour<br>12 Hour<br>24 Hour |

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

2658 Holcomb Bridge Rd. Suite 100 Alpharetta, GA 30022  
Phone: 770-587-9044 Fax: 770-587-4497 [www.powerdeliveryproducts.com](http://www.powerdeliveryproducts.com)