

 ***TST***  
***The Smart Tracer***



***TST OH - 1***

**FC** FCC ID: R8PTST-OH-1



## **OPENING THE CLAMPS**

Take care of your fingers

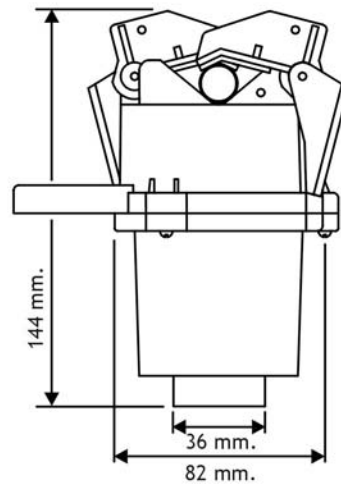
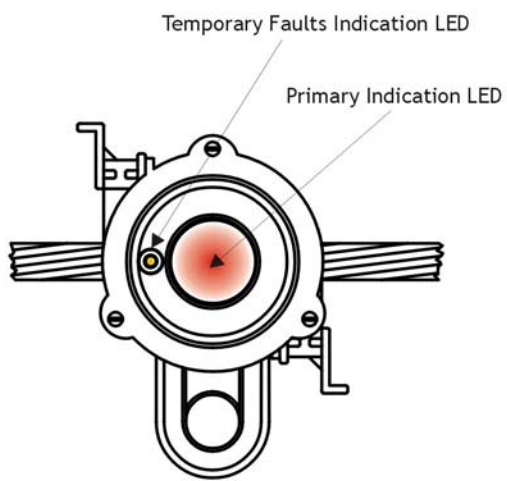
## **POSITIONING WITH THE HOT STICK**



## **PUSHING UP OVER THE CONDUCTOR**



**INSTALLED**



## GENERAL CHARACTERISTICS

|                         |                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Electronic Circuit:     | Micro processed                                                                                                                                    |
| Power Supply:           | Self powered - Lithium Battery                                                                                                                     |
| Indication:             | Basic: 10 mm. High efficiency red LED<br>Optional: signal by radio, to hand held or to RTU                                                         |
| Indication Time:        | Programmable - Max. 6 hrs.                                                                                                                         |
| Flashing frequency:     | Programmable                                                                                                                                       |
| Total indicating time:  | Typically 500 hrs.                                                                                                                                 |
| Programmable Trip Mode: | a) By fixed current step<br>b) By increase (di/dt) programmable as multiple of line current previous to fault<br>c) By maximum absolute value      |
| Reset Type:             | Automatic by voltage return or at preset time                                                                                                      |
| Reset voltage:          | Programmable                                                                                                                                       |
| Minimum Fault Current : | 25 A in fixed level trip mode                                                                                                                      |
| Maximum Fault Current:  | Standard: 13 kA - 1 sec.<br>10 kA - 0,17 sec. - Crest Factor: 1,3 - ANSI / IEE 495/86<br>25 kA - 0,17 sec. - Crest Factor: 1,6 - ANSI / IEE 495/86 |
| Temperature Range:      | -40 A +85 °C ANSI /IEEE 495/1986                                                                                                                   |
| Cable diameter range:   | 0.3 - 1.2 inches                                                                                                                                   |

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.