

Cable Fault Locator

Features

- High Surge Energy: Up to 1800 J
- Reflection Measurement
- Multiple Pre-locating Methods:
 - Low Voltage Pulse Method
 - ICM (impulse current method)
 - ARM Measurement (Arc reflection method)
 - X-axis Auxiliary Locating Method
- All-in-one Design
- Locating Distance: Up to 100km



Description

The Cable Fault Locator manufactured by UTE is mainly composed of HV (High Voltage) Generator and TDR (Optional) Time Domain Reflectometer, including various Pre-location methods, such as low voltage pulse method, ICM (impulse current method), ARM measurement(Arc reflection method), X-axis method auxiliary locating method. It can resolve the malfunctions and locate the fault points, which contains low resistance, high resistance, intermittent, flashover,leak and disconnection fault on various cables of CFL8, 8KV, 16KV, 32KV. TDR (Optional) reflection method can locate disconnected and low resistance faults, which is also able to measure the full length of the cable or correct the wave speed. Big wheels make it easy for customer to use at any site.

Application

- Rail Transit
- Power Grid
- Power Plant
- Petrochemical
- Cable Plant
- New Energy
- Metallurgy



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Technical Specifications

Output Surge Voltage	8Kv, 16kV, 32kV
Cable Voltage	380V-220kV
Maximum Burning Energy	800W
Maximum Burning Current	30mA
Capacitance	4 μ F
Maximum Single Surge	1800J
Insulation Testing	2k Ω –10M Ω
Operation Temperature	-15 $^{\circ}$ C~50 $^{\circ}$ C
Dimension	45.6cm × 51.2cm × 111.5cm
Weight	86 kg
Power Supply	220V15%, 1 kVA
Protection Degree	IP53

Time Domain Reflectometer

Measurement Range	0~100km
Resolution	0.4m
Accuracy	$\pm 0.2\%$ L (m) (V=160m/ μ s)
Pulse Width	50ns~10 μ s
Language	Chinese/English
Rechargeable Battery	3.5 hours
Sampling Rate	200MHz
Wave Velocity	100~300m / μ s
Memory	More than 1000
Display	6"Color Screen 800×600

Products Description:

Description of Material	Offer to Make & Model
Cable Fault Locator	<p>Make: UTE Model: CFL8 8KV & 500 JOULES</p> <p>UTE @make cableFault Locating Equipment</p> <p>SURGE GENERATOR with outputSelectable from 0-8KVDC having surge energy of 500J. Suitable for Fault Pre location, Pin Pointing</p> <p>HV Cable(rated for 40KV)- 15mts</p> <p>LV Connection set: This Includesmains, earth cable-15 Meters Each</p> <p>Cable Fault PIN-Pointing Setwith</p> <p>Ground MicrophoneHeadphone Carrying Case</p>
Cable Fault Locator	<p>Make UTE Mode: CFL8 8KV & 1000 JOULES</p> <p>UTE @make cableFault Locating Equipment</p> <p>SURGE GENERATOR with outputSelectable from 0-8KVDC having surge energy of 1000J. Suitable for Fault Pre location, Pin Pointing</p> <p>HV Cable(rated for 40KV)- 15mts</p> <p>LV Connection set: This Includesmains, earth cable-15 Meters Each</p> <p>Cable Fault PIN-Pointing with</p> <p>Ground MicrophoneHeadphone Carrying Case</p>
Cable Fault Locator	<p>Make UTE Model: CFL16 16KV & 1000 JOULES</p> <p>UTE @make cable Fault Locating Equipment Model</p> <p>SURGE GENERATOR with outputSelectable from 0-16KVDC having surge energy of 1000J. Suitable for Fault Pre location, Pin Pointing</p> <p>HV Cable(rated for 40KV)- 15mts</p> <p>LV Connection set: This Includesmains, earth cable-15 Meters Each</p> <p>Cable Fault PIN-Pointing Setwith:</p> <p>Ground MicrophoneHeadphone Carrying Case</p>

Cable FaultLocator	<p>Make UTE, Model: CFL16 16KV & 2000 JOULES</p> <p>UTE @make cableFault Locating Equipment</p> <p>SURGE GENERATOR with outputSelectable from 0-16KVDC having surge energy of 2000J. Suitable for Fault Pre location, Pin Pointing</p> <p>HV Cable(rated for 40KV)- 15mts</p> <p>LV Connection set: This Includesmains, earth cable-15 Meters Each</p> <p>Cable Fault PIN-Pointing with:</p> <p>Ground MicrophoneHeadphone Carrying Case</p>
Cable FaultLocator	<p>Model UTE Model: CFL32 32 KV & 1000 JOULES</p> <p>UTE @make cableFault Locating Equipment</p> <p>SURGE GENERATOR with outputSelectable from 0-32KVDC having surge energy of 1000J. Suitable for Fault Pre location, Pin Pointing</p> <p>HV Cable(rated for 40KV)- 15mts</p> <p>LV Connection set: This Includesmains, earth cable-15 Meters Each</p> <p>Cable Fault PIN-Pointing with:</p> <p>Ground MicrophoneHeadphone Carrying Case</p>
	<p>This picture is only used for presentation purposes and it may vary from the original product</p>

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