



EZ-Thump

Complete fault location device

Advantages

- ▶ Easiest operation
- ▶ Prelocation and Pinpointing in one small unit
- ▶ Available as 4 or 12 kV version
- ▶ No settings required
- ▶ The fast and convenient solution for immediate on-site fault location

How it works

The EZ-Thump is a fast, inexpensive and uncomplicated solution for the quick restoring of the mains power supply, even if it is only used occasionally.

Connect it, switch it on and prelocate the fault without having to make any settings.

The result is automatically shown as alphanumerical value with the distance, end, fault position and joints. The graphical display shows the comparison of the ARM reference and fault trace, in addition to the above information.

The EZ-Thump provides the option of acoustic pinpointing using the coincidence method (sound and magnetic field), as well as DC for breakdown detection and cable testing.

This fully automatic unit allows even inexperienced and only occasional users to locate faults, without specific training.

Everything is contained in a small box with integrated battery for immediate use without connection to the mains.

As an inexpensive satellite system, the EZ-Thump is the ideal solution for fast, ad hoc fault location, without the requirement, to have a large fault location system on site.

All the benefits at a glance

- ▶ Extremely simple to operate
- ▶ No calibration
- ▶ Direct display of all important data
- ▶ Small and portable
- ▶ Sturdy and weatherproof for outdoor use
- ▶ Can be carried in any car
- ▶ Battery operation independent of the mains

Applications

Fault location in low voltage networks
 Fault location in medium voltage networks
 Fault location for street lighting
 DC low voltage testing (4 kV version)
 DC medium voltage testing
 Automatic breakdown detection
 Fault pinpointing with up to 500 J



Technical data

Battery	24 V / 5 AH, integrated
Mains	110–230 V
Test voltage	0–12 kV, alternatively 4 kV
Surge voltage	0–12 kV, alternatively 4 kV
Max. surge energy	500 J @ max. voltage
Automatic breakdown detection	Yes
Display	320 x 240 Graphic LCD
Pre-location method	ARM, automatic (inductive)
Operating time battery	> 30 min (pinpointing)
Connection leads	5 m
Dimensions W x H x D	355 x 280 x 533 mm
Op. Temperature	-25 – 55°C
Weight	32 kg

Product range

- ▶ Fault location system model 3, graphical display 4 kV
- ▶ Fault location system model 3, graphical display 12 kV

