

P32i - PORTABLE TEST SYSTEM

Multifunctional Fault Locating System (32kV)

The P32i is a single phase cable fault location system for low- or medium voltage networks as well as for cable testing. It generates high energy surge waves up to 1000 J or optional 2000 J. The surge rate can be controlled electronically. A single shot mode is also provided. For the prelocation of high impedance faults the inductive ART (Arc Reflection Technique) method is available in the integrated reflectometer.



- CAN bus controlled system
- menu guided operation in different languages
- many safety circuits

FEATURES

- simple menu guided operation, compact design
- integrated reflectometer for prelocation with inductive ART (Arc Reflection Technique)
- high current burning with 1A (optionally)
- sheath fault testing and fault location (optionally)
- VGA colour TFT display 10,4"
- motor controlled switch for the selection of the operating modes and surge voltage levels
- automatic discharge of the cable under test and the system
- data transfer software
- safety control circuits (mains, station ground, FU/EP control)

SPECIFICATIONS:

Operating modes

- DC test _____ 0 – 32 kV, 50mA
- DC burning _____ 0 - 50 mA, optional 1 A
- prelocation TDR
measuring range _____ 0 - 95 km
velocity of propagation _____ 40 - 150 m/ s
pulse width _____ 50ns - 10 s
- prelocation ART _____ 0 - 8/16/32 kV, single shot
- pinpointing
surge voltage _____ 0 - 8/16/32 kV, 1000 J
optional 2000 J
surge pulse _____ 3 s ≤ 10 s or single shot
- sheath fault location (opt.) _____ 0- 10 kV, pulses adjustable

Power supply

- mains voltage _____ 230 V, 50/60 Hz
- power consumption _____ 2000 VA

Environmental

- operating temperature _____ - 25 °C – + 55 °C

Mechanical data

- dimensions (L x W x H) _____ 1150 x 516 x 1120 mm
- weight _____ approx. 195kg

SCOPE OF SUPPLY

- system P32i
- set of connecting cables
- FU/EP sensor cable
- bag for cables
- user manual

Optional accessories

- acoustic pinpointing system Kamphone
- sheath fault probe Intersheath LS-M
- trolley