

Cable fault location system 5kV

The Intercable P5i is a single phase cable fault location system for low voltage networks, lighting networks as well as for cable testing as per VDE. It generates high energy surge waves up to 4 kV with 1000 J. The surge rate can be controlled electronically. A single shot mode is also provided. The prelocation method based on ART (Arc Reflection Technique) is integrated in the Intercable P5i for the prelocation of high impedance faults with the integrated reflectometer.



FEATURES

- simple menu guided operation, compact design
- integrated reflectometer for prelocation with ART (Arc Reflection Technique)
- 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
- electronically monitored and continuously adjustable surge rate
- single shot mode
- data transfer software
- safety control circuits (mains, station ground, FU/EP)

SPECIFICATIONS: P5i

Operating modes

- DC test
output voltage _____ 0 – 5 kV
- surging
surge voltage _____ 0 – 4 kV, 1000 J
surge pulse _____ 3 s ≤ 10 s or single shot
- surge ART _____ single shot

Power supply

- mains voltage _____ 230 V, 50/60 Hz
- power consumption _____ 600 VA

Environmental

- operating temperature _____ - 25 °C – + 55 °C
- IP rating _____ IP 40

Mechanical data

- dimensions (L x W x H) _____ 300 x 520 x 675 mm
- weight _____ approx. 57kg

SCOPE OF SUPPLY

- surge generator PS
- set of connecting cables
- set of connecting clamps
- user manual

Optional accessories

- acoustic pinpointing system Kamphone
- reflectometer InterFlex 130

ISO 9001:2000