1. ELECTRICAL SPECIFICATIONS

Accuracy is given as ± (% of reading + no. of least significant digits) at 23°C ± 5°C, with relative humidity less than 80% R.H.

Z_{LINE} Z_{LOOP} MEASUREMENT

Range	Resolution	Accuracy
0.0 ÷ 199.9mΩ	0.1mΩ	±(5.0%rdg+1mΩ)
200 ÷ 1999mΩ	1mΩ	

RLINE RLOOP, XLINE XLOOP MEASUREMENT

Range	Resolution	Accuracy
0.0 ÷ 199.9mΩ	0.1mΩ	±(10%rdg+2mΩ)
200 ÷ 1999mΩ	1mΩ	

PROSPECTIVE SHORT CIRCUIT CURRENT

Range	Resolution	Accuracy
0 ÷ 1999A	1A	related to Z accuracy
2.0 ÷ 9.9kA	0.1kA	
10 ÷ 1999kA	1kA	

VOLTAGE

Range (50Hz ± 5%)	Resolution	Accuracy
190 ÷ 460V	1V	±(1.0%lettura+2cifre)

FREQUENCY

Range (50Hz ± 5%)	Resolution	Accuracy
47.5 ÷ 52.5Hz	0.1Hz	±0.2Hz

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2. GENERAL SPECIFICATIONS

Measurement mode:
- 4 wire high resolution Line impedance measurement.

Function:
- Phase to Phase, Phase to Neutral, Phase to Protection Conductor Impedance Measurement.
- Phase to Phase, Phase to Neutral, Phase to Protection Conductor Prospective short circuit current Calculation.

Max Test Current:
- 202A

Conformity:
- The instrument is according to: EN60909-0, VDE 0413, EN61557-3

Safety standards
- The instrument complies with: EN 61010, EN61557
- Insulation: Class 2, double insulation
- Pollution level: 2
- Maximum height: 2000m
- Overvoltage category: CAT III 240V (to Earth)
  CAT III 415V (between P1, C1, P2, C2 inputs)

Power supply:
- 220 ÷ 415V nominal (from P1 and P2 inputs)
- Frequency: 50Hz±5%

Dimension:
- 340mm (W) x 300mm (L) mm x 150mm (H)

Weight:
- approx. 4100g (without accessories).

Operating temperature:
- 0°C to 40 °C, <80 % R.H.

Storage temperature:
- -10°C to 60°C, <80 % R.H.

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