

Technical Data

Winding Resistance Measurement

- Test currents: 5 mA – 100 A DC
- Measurement range: 0,1 $\mu\Omega$ - 1 k Ω
- Typical accuracy: \pm (0,1% rdg + 0,1% F.S.)

Resolution

- 0,1 $\mu\Omega$ – 999,9 $\mu\Omega$: 0,1 $\mu\Omega$
- 1,000 m Ω – 9,999 m Ω : 1 $\mu\Omega$
- 10,00 m Ω – 99,99 m Ω : 10 $\mu\Omega$
- 100,0 m Ω – 999,9 m Ω : 0,1 m Ω
- 1,000 Ω – 9,999 Ω : 1 m Ω
- 10,00 Ω - 99,99 Ω : 10 m Ω
- 100,0 Ω – 999,9 Ω : 0,1 Ω

Data Storage

- 1 000 internal memory positions

Printer (optional)

- Thermal printer
- Graphic and numeric printout
- Paper width 80 mm

Computer Interface

- USB
- Optional: RS232

Dimensions and Weight

- Dimensions (W x H x D):
198 mm x 255 mm x 380 mm
7.8 in x 10.0 in x 15.0 in
- Weight: 8,0 kg / 17.6 lbs

Warranty

- Three years

Environmental Conditions

- Operating temperature:
-10 °C to + 55 °C / +14 F to +131 F
- Storage & transportation:
-40 °C to + 70°C / - 40 F to +158 F
- Humidity 5 % - 95 % relative humidity,
non condensing

Mains Power Supply

- Connection according to IEC/EN60320-1;
UL498, CSA 22.2
- Mains supply: 90 V – 264 V AC
- Frequency: 50 / 60 Hz
- Mains supply voltage fluctuations up to \pm 10 %
of the nominal voltage
- Input power: 1 200 VA
- Fuse 15 A / 250 V, type F, not user replaceable

Applicable Standards

- Installation/overvoltage: category II
- Pollution: degree 2
- Safety: LVD 2006/95/EC (CE Conform)
EN 61010-1
- EMC : Directive 2004/108/EC (CE Conform)
Standard EN 61326-1:2006
- CAN/CSA-C22.2 No. 61010-1, 2nd edition,
including Amendment 1