



General specifications

Accuracy is specified for 1 year after calibration, at operating temperatures of 18 °C to 28 °C, with relative humidity at 0 % to 95 %.

The accuracy specifications take the form of:
± ([% of reading] + [counts])

| | |
|---|---|
| Maximum voltage between any terminal and earth ground | 600 V |
| Surge protection | 6 kV peak per IEC 61010-1 600 V CAT III, Pollution Degree 2 |
| Fuse for A input | 11 A, 1000 V FAST Fuse |
| Display | Digital: 6,000 counts, updates 4/sec |
| Bar graph | 33 segments, updates 32/sec |
| Operating temperature | -10 °C to + 50 °C |
| Storage temperature | -40 °C to + 60 °C |
| Battery | 9 volt Alkaline, NEDA 1604A/ IEC 6LR61 |
| Battery life | 400 hours typical, without backlight |

Technical Specifications:

| Measurement | Range | Resolution | Accuracy ± ([% of reading] + [counts]) |
|-------------------------------------|----------|------------|--|
| DC millivolts | 600.0 mV | 0.1 mV | 2.0 % + 3 |
| DC volts | 6.000 V | 0.001 V | |
| | 60.00 V | 0.01 V | |
| | 600.0 V | 0.1 V | |
| Auto volts | 600.0 V | 0.1 V | 2.0 % + 3 (dc, 45 Hz to 500 Hz) 4.0 % + 3 (500 Hz to 1 kHz) |
| AC millivolts ¹ true-rms | 600.0 mV | 0.1 mV | 1.0 % + 3 (dc, 45 Hz to 500 Hz) 2.0 % + 3 (500 Hz to 1 kHz) |
| AC volts ¹ true-rms | 6.000 V | 0.001 V | 1.0 % + 3 (45 Hz to 500 Hz) 2.0 % + 3 (500 Hz to 1 kHz) |
| | 60.00 V | 0.01 V | |
| | 600.0 V | 0.1 V | |
| Continuity | 600 Ω | 1 Ω | Beeper on < 20 Ω off > 250 Ω; detects opens or shorts of 500 μs or longer. |
| Ohms | 600.0 Ω | 0.1Ω | 0.9 % + 2 |
| | 6.000 kΩ | 0.001 kΩ | 0.9 % + 1 |
| | 60.00 kΩ | 0.01 kΩ | |
| | 600.0 kΩ | 0.1 kΩ | |
| | 6.000 MΩ | 0.001 MΩ | |
| | 40.00 MΩ | 0.01 MΩ | 1.5 % + 2 |
| Diode test | 2.000 V | 0.001 V | 0.9 % + 2 |

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com



| | | | |
|---|--|-----------|------------------|
| Capacitance | 1000 nF | 1 nF | 1.9 % + 2 |
| | 10.00 µF | 0.01 µF | |
| | 100.0 µF | 0.1 µF | |
| | 9999 µF | 1 µF | |
| | 100 µF to 1000 µF | | 1.9 % + 2 |
| | > 1000 µF | | 5 % + 20 |
| Lo-Z capacitance | 1 nF to 500 µF | | 10 % + 2 typical |
| AC amps true-rms (45 Hz to 500 Hz) | 6.000 A | 0.001 A | 1.5 % + 3 |
| | 10.00 A | 0.01 A | |
| | 20 A continuous overload for 30 seconds max. | | |
| DC amps | 6.000 A | 0.001 A | 1.0 % + 3 |
| | 10.00 A | 0.01 A | |
| | 20 A continuous overload for 30 seconds max. | | |
| Hz (V or A input)² | 99.99 Hz | 0.01 Hz | 0.1 % + 2 |
| | 999.9 Hz | 0.1 Hz | |
| | 9.999 kHz | 0.001 kHz | |
| | 50.00 kHz | 0.01 kHz | |

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com