

Model 7512DT

Functional Specifications

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| INPUT | |
| Voltage | 115/230 VAC \pm 10%, Single Phase, User selection |
| Frequency | 47 - 63 Hz |
| Fuse | 5 Amp 250V Slo-Blo |
| DIELECTRIC WITHSTAND TEST MODE | |
| Output Rating | 12 KV DC @ 5 mA |
| Output Adjustment | Range: 0 - 12 KV DC Resolution: 10 volt/step Accuracy: \pm (2% of setting + 10 volts) |
| Ramp-HI | 10mA peak maximum, 5mADC, ON/OFF selectable |
| Charge-LO | Range: 0.0 - 350.0 μ A DC or Auto set |
| HI-Limit | Range: 0 - 5000 μ A Resolution: 1 μ A/step Accuracy: \pm (2% of setting + 2 counts) |
| LO-Limit | Range: 0.0 - 999.9 μ A Resolution: 0.1 μ A/step Accuracy: \pm (2% of setting + 2 counts) |
| Arc Detection | Range: 1 - 8 |
| Failure Detector | Audible and Visual |
| Voltage Display | Range: 0.00 - 12.00 KV Full Scale Resolution: 10 volt/step Accuracy: \pm (2% of reading + 2 counts) |
| Current Display | Range 1: 0.0 μ A - 350.0 μ A Resolution: 0.1 μ A/step Range 2: 300 μ A - 3500 μ A Resolution: 1 μ A/step Range 3: 3000 μ A - 5000 μ A Resolution: 10 μ A/step Accuracy: \pm (2% of reading + 2 counts) |

Model 7512DT cont.

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| DC Output Ripple | ≤ 4% Ripple RMS at 6 KV DC @ 3.5 mA, Resistive Load |
| Output Regulation | ± (1 % of setting + 5 volts) from no load to full load |
| Dwell Timer | Range: 0, 0.3 - 999.9 sec (0 = Constant) Resolution: 0.1 sec increments Accuracy: ± (0.1% + 0.05 sec) |
| Ramp Timer | Range: 0.4 - 999.9 sec Resolution: 0.1 sec increments Accuracy: ± (0.1% + 0.05 sec) |
| GENERAL SPECIFICATIONS | |
| PLC Remote Control | Input - Test, Reset, Recall memory # 1, # 2 and # 3 Output - Pass, Fail, Test-in-Process |
| Memory | Allows storage of up to 50 different test programs. |
| Security | Programmable password lockout capability to avoid unauthorized access to test set-up program. |
| LCD Contrast Setting | 9 ranges set by the numeric keys on the front panel. |
| Buzzer Volume Setting | 10 ranges set by the numeric key on the front panel. |
| Calibration | Software and adjustments are made through front panel. |
| Mechanical | Bench or rack mount with tilt up front feet. |
| Dimension | (W x H x D) 17 x 5.8 x 12 in. (432 x 147 x 305 mm) |
| Weight | 42 lbs (19 Kgs) |