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<u>нүрот</u>® ш

Input Specifi	catio	ıs		Insulation Resist	ance Test Mode
/oltage		115/230 VAC ± 10%, u	ser selectable	Voltage Setting	Range: 30 - 1000 VDC
requency		50/60 Hz ± 5%			Accuracy: \pm (2% of setting + 5 V)
use		3.15 A, fast acting 250	VAC	Resistance Display	Range: 1 - 9999 M Ω (4 Digit, Auto Ranging) Resolution: 500 VDC - 1000 VDC
Dielectric Withstand Test Mode					ΜΩ ΜΩ
Output Rating		5000 V @ 20 mA AC			0.001 1.000 - 9.999 0.01 10.00 - 99.99
		6000 V @ 7.5 mA DC			0.01 10.00 - 99.99 0.1 100.0 - 999.9
oltage Setting		Range: 0 - 5.00 KV AC			1 1000 - 9999
		0 - 6.00 KV DC			Accuracy: \pm (2% of reading + 2 counts) at test voltage 500 - 1000 V and 1 - 999.9 M Ω
		Resolution: 0.01 KV Accuracy: ± (2% of sett			\pm (5% of reading + 2 counts) at test voltage
					\pm (5% of reading + 2 counts) at test voltage 500 - 1000 V and 1000 - 9999 M Ω
Maximum Limit	AC	Range: 0.00 - 20.00 mA Resolution: 0.01 mA			\pm (8% of reading + 2 counts) at test voltage
	DC	Range: 0 - 7500 µA			30 - 500 V and 1 - 1000 MΩ
		Resolution: 1 µA		Maximum Limit	Range: 0, 1 - 9999 MΩ (0=0FF)
		Accuracy: AC and DC ±	(2% of setting + 2 counts)		Accuracy: Same as Resistance Display
				Minimum Limit	Range: 1 - 9999 M Ω Accuracy: Same as Resistance Display
/linimum Limit	AC	Range: 0.000 - 9.999 r	nA	Ramp Timer	Range: Ramp-Up: 0.1 - 999.9 sec
	DC	Resolution: 0.001 mA Range: 0.0 - 999.9 µA			Ramp-Down: 1.0 - 999.9 sec (0=0FF)
	20	Resolution: 0.1 µA			Accuracy: \pm (0.1% of reading + 0.05 sec)
		Accuracy: AC and DC \pm	: AC and DC \pm (2% of setting + 2 counts)	Delay Timer	Range: 0, 0.5 - 999.9 sec (0 = Constant)
rc Detection		Range: 0 - 9, 0 disable	d	Ground Fault Interrupt	Accuracy: ± (0.1% of reading + 0.05 sec) GFI Trip Current: 450 µA max
around Fault Interr	runt	GFI Trip Current: 450 µ	A max (AC or DC)	Ground Fault Interrupt	HV Shut Down Speed: < 1 ms
iouna radic interi	rupt	HV Shut Down Speed:			·
Current Display				General Specifications	
Surrent Display	AC	Auto Range Range 1: 0.000 - 3.500) mA	Interface	RS-232 interface standard for entry-level automation.
	AU	Range 2: 3.00 - 20.00		Remote Control &	The following input and output signals are provided
	DC	Range 1: 0.0 µA - 350.	-	Signal Output	through two 9 pin D type connectors:
		Range 2: 0.300 mA - 3 Range 2: 3.00 mA - 7.5			1. Remote control: Test, Reset, and Remote Interlock 2. Remote recall of memory program #1, #2, and #3
Ac	ccuracy	All Ranges ± (2% of read			3. Outputs: Pass, Fail, Test-in-process, and Reset
DC Output Ripple		≤ 5% Ripple RMS at 6 KV DC @ 7.5 mA, Resistive Load		Program Memory	10 Memories, 3 steps per memory.
				Security	Key Lock capability to avoid unauthorized access to
Discharge Time		≤ 200 ms			all test parameters and memory locations.
		The maximum capacitive		Mechanical Dimensions	Bench or rack mount with tilt up feet. (W x H x D) $8.46 \times 3.5 \times 14.57$ in.
		0.20 μF < 1 KV		Dimensions	(215 x 89 x 370 mm)
				Weight	20.96 lbs (9.53 kgs)
			·	Calibration	Traceable to National Institute of Standards &
AC Voltage Waveform		Sine Wave, Crest Factor = 1.3 - 1.5			Technology (NIST). Calibration controlled by software.
Output Frequency		Range: 50 or 60 HZ, User Selectable			Adjustments are made through front panel keypad in a restricted access calibration mode. Calibration
Output Voltage Regulation		\pm (1% of output + 5 V) from no load to full load and over			information stored in non-volatile memory.
	0	input voltage range.			
Dwell Timer		Range: AC 0, 0.3 - 999.9 sec (0 = Constant)			
		DC 0, 0.4 - 999.9 sec (0 = Constant)		Available Access	
		Accuracy: ± (0.1% of re	ading + 0.05 sec)	Probe (38081) Return Probe (38082)	High voltage retractable 5 KV AC probe. Retractable probe used on the return side of the Hypot
Ramp Timer		Range: Ramp-Up: 0.1 -		Safe-T-Probe (38814)	Test Gun with trigger that controls retractable probe and
			0.0 - 999.9 sec	Sale-1-1100e (50014)	activates the instrument's high voltage circuit.
		Accuracy: ± (0.1% of re	C 1.0 - 999.9 sec (0=0FF) ading + 0.05 sec)	Footswitch (35822)	Interlocked footswitch that provides a "hands-off"
	.		0		remote start.
Ground Continuity Current		DC 0.1 A ± 0.01 A, fixed		Specifications subject to	change without notice.
Ground Continuity Maximum Limit Minimum Limit		Range: $0.0 \Omega - 1.50 \Omega$ Resolution: 0.01Ω Accuracy: $\pm (3\% \text{ of setting } + 0.02 \Omega)$			
			ing + 0.02 32)		
Ground Continuity Auto Offset		Range: $0.0 \Omega - 0.50 \Omega$ Resolution: 0.01Ω Accuracy: $\pm (3\% \text{ of setting } + 0.02 \Omega)$			
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				0	1.800.858.TEST [8378]
				(auto)	1.000.030.1E31 [03/8]
		technical services	1 hours	1.111	
5-Year exten		•	100cm	Sulla Com	
24-Hour turn	n-around	on calibrations		11111 111	

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