



NT 637

Modular wiring tester



cost-efficient



modular



future-proof



Compact wiring tester for entry
into testing with high voltage

Up to
1050 VAC
1500 VDC

Up to
512
test points

100 %
standard-compliant

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The key facts

- Test and programming software NT Control
- The requirements of the following test standards are complied with: IPC/WHMA-A-620, MIL-STD-202G, NASA-STD 8739.4A, MIL-HDBK-83575, MIL-STD-1344A, MIL-C-45224D
- Test table support
- Perfect for applications with up to 512 test points

Software options (selection)



Database reporting



UniCAD



Hardware options (selection)

Open Wire Probe



Measurement technology extensions



Application specific adapters



Technical Data NT 637

Test points	max. 512
Low voltage test DC	
Test voltage / test current	max. 25 V / max. 25 mA
Threshold continuity test	1 Ω – 1 k Ω
Threshold short-circuit test	20 k Ω – 1 M Ω (optional up to 5 M Ω)
Component test	Resistors, capacitors, diodes, Zener-diodes, LEDs, optional inductances, impedances, varistors
High current test DC	
Test voltage / test current	max. 22 V / max. 2 A
Threshold continuity test	0.5 Ω – 1 k Ω
Options	Four-wire measurement from 1 m Ω Recognition of short time interruptions $\geq 1 \mu\text{s}$
High voltage test DC	
Test voltage	40 – 1500 V
Insulation test	500 k Ω – 2 G Ω (optional up to 10 G Ω)
Breakdown test	Fast recognition of voltage breakdowns (arc detection)
Dielectric strength test AC/DC (optional)	
Test voltage / test current AC	100 – 1060 V / max. 3 mA, safety current limited according to EN 50191 (optional max. 6 mA)
Test voltage / test current DC	40 – 1500 V / max. 3 mA, ssafety current limited according to EN 50191 (optional max. 6 mA)
Other	
Function test (optional)	The NT 637 can be expanded, so that the test of relays, time relays, contactors, indication lamps, function procedures etc. can be carried out automatically.
Interfaces	– Extern interface with 3 opto-coupled inputs and 3 potential-free outputs (expandable) – Serial interfaces USB2.0 / RS 232 – Network / pin number probe



Contact the test specialist now!