

NT 700-5

Modular HV wiring tester

- cost-effective
- flexible
- modular

Maximum reliability and safety for your HV tests

Up to
5000 VAC
6000 VDC

OPC UA
optional

LV123
compatible

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NT 700-5
at a glance

The key facts

- Measurement electronics for tests according to test standard LV123
- Compact design in a 25 RU rolling cabinet
- Ideal hardware and software configuration for use with test tables
- Convenient operation and programming of the test system with NT Control
- Can be combined with all safety concepts

Customers (selection)

HIRSCHMANN AUTOMOTIVE

Rosenberger

TE connectivity

Software options (selection)

OPC UA

Database reporting

Function test editor

Hardware options (selection)

Open Wire Probe

Vision sensors

Application specific adapters

Technical Data NT 700-5

Test points an voltage levels	Voltage level 1 with test point cards type RM60: Low voltage Voltage level 2 with test point cards type RM10: HV up to 3750 VDC / 2650 VAC Voltage level 2 with test point cards type RM10 TWIN-E: HV up to 4670 VDC / 3300 VAC Voltage level 3 with test point cards type RM9: HV up to 6000 VDC / 5000 VAC The maximum test point range results from the combination of voltage levels and available space inside the 25 RU cabinet. Every test point can be used for every test type, independently of the voltage level. NT Control will automatically limit the test parameters to the permitted values of the respective test point cards.
Low voltage test DC	
Threshold continuity test	1 Ω – 1 kΩ (optional four-wire measurement from 1 mΩ)
Threshold short-circuit test	20 kΩ – 1 MΩ (optional up to 5 MΩ)
Component test	Resistors, capacitors, diodes, Zener-diodes, LEDs
Insulation test DC	
Test voltage	40 - 1500 V
Threshold insulation	500 kΩ – 2 GΩ (optional up to 10 GΩ)
Dielectric strength test AC/DC	
Test voltage	See "Test points and voltage levels"
Basic equipment	
Test points	No test points included in basic test unit! Test point cards will be quoted project-specifically.
Voltage levels	The basic test unit includes one rack for voltage level 1. Further racks will be quoted project-specifically.

Contact the test specialist now!

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