

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



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

Software options (selection)



Database reporting



Function test editor



Customers (selection)



Rosenberger



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.
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Low voltage test DC	
Threshold continuity test	1 Ω – 1 k Ω (optional four-wire measurement from 1 m 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
Insulation test DC	
Test voltage	40 - 1500 V
Threshold insulation	500 k Ω – 2 G Ω (optional up to 10 G Ω)
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!