



## KT 638

### Solid and fastest high voltage tester

- Easy handling in stand-alone operation
- Automatic learning of golden samples
- Loading and saving of test programs
- Comprehensive result reporting
- Operation language selectable
  
- Up to **512** test points
- High voltage test up to **1500 VDC**
- High current test up to **2 ADC**
- Continuity test, short circuit test and component test
  
- Microsoft® network interface
- USB 2.0 interfaces
- 2 GB storage for test programs and result data (expandable)
- Remote maintenance via network

Perfect for automated production lines.

- Fastest high voltage tester on the market
- Solid 19"-housing (new: lower depth)
- 3 x USB and network for easy data handling
- Up to 27 digital I/Os for control
- All standard field bus systems available\*
- Prepared for pin-length measurement
- Voltage measurement\*
- LCR measuring bridge\*

\* optional

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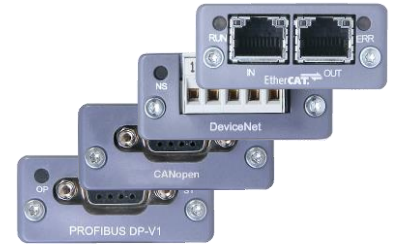


Bild: KT 638 mit Optionen

<b>Technical features KT 638</b>	
Test points	max. 512
<b>Low voltage test DC</b>	
Test voltage	max. 25 V
Test current	max. 2 A
Threshold continuity test	0.5 Ohm – 1 kOhm (optional four-wire measurement from 10 mOhm)
Threshold short-circuit test	20 kOhm – 1 MOhm (optional up to 5 MOhm)
Component test	Resistors: 0.5 Ohm – 1 MOhm (optional up to 5 MOhm) Capacitors: 10 nF – 20 mF (optional from 100 pF) Diodes, Zener diodes, LEDs, suppressor diodes (3 – 23 V breakdown voltage) Varistors (max. 1300 V), surge arrestors
<b>High voltage test DC</b>	
Test voltage	max. 1500 V
Insulation test	500 kOhm – 2 GOhm (optional up to 10 GOhm)
Breakdown test	Fast recognition of voltage breakdowns
<b>General</b>	
Power supply	100 – 240 VAC (50 – 60 Hz)
Interfaces	3 x digital I/Os (Extern Interface, expandable up to 27 I/Os) for control, foot switch and signal lamp 1 x serial interface RS232 for control and printer 3 x USB 2.0 (1 x at the front-side) for data media, barcode scanner, keyboard and printer Network / safety loop and warning lamp / pin number probe Optional control via all common field bus systems
Dimensions (W x H x D, approx.)	450 mm x 150 mm x 395 mm
Scope of delivery	KT 638, main cable, mating connector and service connector for safety loop, pin number probe, USB flash drive with NT Control LT and documentation in PDF format

## Test program generation with NT Control LT:

Generation, editing and management can be done comfortable with the easy to use software tool NT Control LT.

The data transfer between a PC with NT Control LT and the KT 638 takes place via network or USB flash drive. NT Control LT is included in the delivery.