

Installationtesters

RCT-S

Article number: 626 000 257



RCD tester

The RCD-tester RCT-S is engineered to test the RCD completely to the European regulations EN 61557 and EN 61010 (also selective RCD's). RCD's sensitive to sinusoidal error currents can be tested with the measuring method of this tester as well.

Following tests

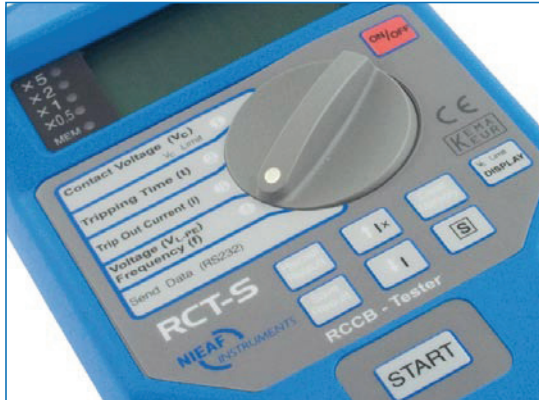
- Contact voltage
- Trip current of the RCD
- Trip time of the RCD
- Voltage measuring Phase – Earth
- Frequency

Testing the RCD is of essential importance. The regulations even subscribe the need to test RCD's and (earth) leakage protection devices periodically. In many cases the RCD is supposed to trip within 300 ms after detecting an earth leakage in the top half of the nominal trip current. This means that in case of a 30mA RCD, within 300-ms the voltage needs to be switched off automatically when the earth leakage is between 15-30mA.



Profiles





The RCT-S has an internal memory with 500 locations for storing the measured values. The stored values can be downloaded to the software on a PC via the RS232 port.

Including

- + Manual
- + Network test lead



Network test lead

Recommended accessories

Carrying bag MSa7	561 260 036
Strap	626 000 587
Protective holster	626 000 579
Test leads RCT-a2	626 000 313

(see pages 38 - 41)

Specifications

Function	Range
Voltage	0 - 250 V
Frequency	25 - 499Hz
Trip time	
0,5 x Inom	0 - 2000ms
1x Inom	0 - 2000ms
2x Inom	0 - 200ms
5x Inom	0 - 50ms
Trip current	(0,5 - 1,4) x Inom 1x Inom 0 - 2000ms
Contact voltage	0 - 99,9V

Specifications	
Memory	500 locations
Output	RS232, serial 4800 baud
Over voltage category	CATII 600V / CAT III 300V
IP Protection	IP50
Power supply	4 x LR14 battery
Dimensions	290 x 110 x 65 mm.
Weight	0,9 kg