



Earth Leaking Simulator with optical indication DELTATEST

The **DELTATEST** is used for testing residual current circuit breakers and electrical installations which are monitored by them.

It "simulates" at any point of the installation (much easier is a socket outlet) a fault current with an effective duration (< 200 ms) according to Specifications and which value is set by a selector switch to the rated fault current of the previously connected RCCB (10, 30, 100, 300 and 500 mA).

Test course

With the ELCB in on-position and under voltage the red pilot lamp (LED) lights up on **DELTATEST**. After approx 5 sec **DELTATEST** simulates the pre-selectet leakage to earth for less then 200 msec. ELCB must trip and LED die out.

Important notice

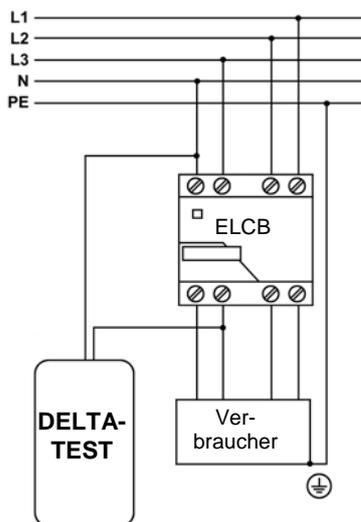
Any selection test current is limited by pre resistors. In case of faulty ELCB not tripping, **DELTATEST** must not be connectet to coltage longer than 1 min. Short-time connection to 380 V ~ would not destroy the appliance

1. How to check ELCB's

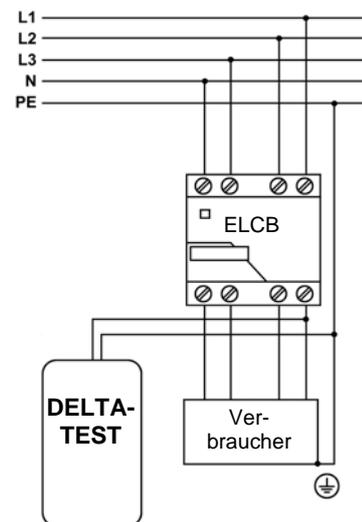
Select required rated fault current on **DELTATEST**, connect test leads between Neutral(N) and any outer phase(L1, L2, L3). i.e. one test lead before, the other behind the ELCB. Now the test course begins.

2. How to check electrical installations controlled by ELCB's

Connect **DELTATEST** to any point of the installtion behind the ELCB between outer conductor(L1, L2, L3) and protective conductor (PE). The test course begins.



Check ELCB's



Check electrical installations



Attention!

When measuring voltages > 50 V please use probes according to prescriptions!

Technical Data DELTATEST

Technical operating data	
Adjustable current range	3.5 mA up to 25.5 mA
Terminal voltage measuring range	8.5 V up to 32 V
Display accuracy	2 % end value \pm 1 Digit
Adjustable current range	3.5 mA up to 25.5 mA

Technical operating data	
Leads	80 cm
Clearance and creepage distances	acc. to VDE 0110
Power supply	Battery 9V
Included in the scope of supply	Block IEC 6 F22
Leads	80 cm



Condor Pressure Control GmbH

Warendorfer Straße 47 – 51
D-59320 Ennigerloh

Telefon: +49 (0) 25 87 / 89 – 0
Telefax: +49 (0) 25 87 / 89 - 140

info@condor-cpc.com
www.condor-cpc.com