

WITT EscS P 1000



* Product like copy

Application

The test device is used to test the switching behaviour of earth short circuits.

Description

The test device is located in a robust special case. When the lid of the case is opened, you have access to the test sockets, the display and the operating elements.

The supply voltage of 230 VAC is supplied via the front (cold appliance plug). Another variant is supplied by a rechargeable battery. The battery charge status is indicated by diodes on the front panel.

Function

The test device is connected to the earth terminals of the earth short circuit breaker via the safety laboratory sockets. The desired output voltage is set. After pressing the start button, the test set the outputs and the set voltage and determines the time until the short circuit at the test sockets. This time is then displayed. After switching / triggering the test device the output voltage is switched off and the time is stopped.

If the test object has not switched after 300.000ms (5min.) the output voltage is switched off. If the unit is running in battery mode, it switches off automatically after 5 minutes (the counter reading is maintained). If the battery is undervoltage, the unit switches off (not valid for mains operation).

General Data

Supply voltage	230 VAC
Power consumption	max. 30 VA
Battery life (if available)	ca. 8 h
Surrounding temperature	0 ... 40 °C
Protection class	IP 53
Dimensions (B x T x H)	47 x 37 x 18 cm
Weight	ca. 7 kg / 10 kg mit Akku

Input / Output

Input measuring range	0 bis 600 VDC/AC / 0 bis 1000 ms
Measurement Accuracy	≤ 1 % vom Endwert
Output voltage	500 / 800 VDC/VAC Spitze/Spitze Mischung beider Spannungen möglich!
Max. Current	1 mA
Times	1 ... 300.000 ms

Alternative with battery

