

ED STP013-32 Event Detector

PWB Level Drop Tester has efficient event detector and testing software synchronised with Drop tester! PC Software work with Windows 7 64 bit.

Event Detector characteristics

Code	<i>K000147</i>
Control	<i>PC connection via RJ45 Drop Tester control via RS485</i>
Channels	<i>2x16 (total 32) channels</i>
Connection to test board	<i>flat cable from Measurement Cards's D37 female connector, which has ground conductors between adjacent signal conductors</i>
Voltage threshold	<i>0,5 ... 5,0 V</i>
Measuring current	<i>0.5 ... 10 mA constant current</i>
Open circuit voltage clamp	<i>1,0 ... 8,0 V (Note: open circuit voltage clamp limits open (broken) circuit measuring voltage to a predetermined level)</i>
Resistance threshold	<i>0,1 kΩ ... 8,0 kΩ (Note: resistance values above "resistance threshold" are detected as breaks, Note also Ohm's law))</i>
Minimum break	<i>about 1 μs</i>
Measuring interval	<i>below 1 s</i>
Wire watch	<i>configurable wire watch to get test automatic paused in case wire or soldering breaks</i>
Dimensions	<i>W=385 mm, D=250 mm (+ connectors), H=145 mm</i>
Weight	<i>7,8 kg</i>



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FRONT PANEL

Power on light,
Ok signal – Fixed Green,
Faulty signal - Blue



Power switch

Optional card position

Connector for measurement card 2

Connector for measurement card 1

BACK PANEL

Code for Back Panel

K00180-01



Optional, for future options

Optional, for future options

Connector for PWB Level Drop Tester cable

Power input for 24 VDC