Event Detector Catalog

STD Series   **105/106 series**   **EHD Series**

Event Detector Comparison Chart

The following comparison chart details the current product line of Analysis Tech Event Detectors, which comprehensively span the range of connector test specifications for transient resistance monitoring. In addition to this list of standard products, custom systems are available to suit particular test needs. Analysis Tech also encourages requests for custom systems to service new test requirements.

	Number of Channels	Sense Current (mA)	Minimum Duration	Threshold Resistance (ohms)

EHD Series

	Number of Channels	Sense Current (mA)	Minimum Duration	Threshold Resistance (ohms)
32EHD	32 NC	10 - 100*	1, 10, 50 nsec*	0.5 - 20

106 Series [1]

	Number of Channels	Sense Current (mA)	Minimum Duration	Threshold Resistance (ohms)
32-106	32 NC	1 - 100*	0.1, 0.5, 1.0 usec*	0.1 - 2000

105 Series [1]

	Number of Channels	Sense Current (mA)	Minimum Duration	Threshold Resistance (ohms)
32-105	32 NC	1 – 100*	0.1, 0.5, 1.0 usec*	0.1 - 2000
64-105	64 NC	1 – 100*	0.1, 0.5, 1.0 usec*	0.1 - 2000
96-105	96 NC	1 – 100*	0.1, 0.5, 1.0 usec*	0.1 - 2000

128-105	128 NC	1 – 100*	0.1, 0.5, 1.0 usec*	0.1 - 2000

HLV Amplifier Series [2]

32HLV	32 NC	2	0.5 usec	0.01 - 2

STD Series [3]

64STD	64NC	1.2	0.2 usec	100 - 5000
128STD	128 NC	1.2	0.2 usec	100 - 5000
256STD	256 NC	1.2	0.2 usec	100 - 5000

* - indicates other values are available

Notes:
1. The 105 and 106 Series Event Detectors are electrically and functionally identical. All 105 Series instruments are housed in a chassis capable of accepting up to 128 channels, while the 106 Series instruments have a maximum of 32 channels.
2. The 32HLV Amplifier is an accessory to the 106 and 106 Series Event Detectors, and cannot be used as a stand-alone product.
3. All STD Series Event Detectors are housed in a chassis capable of accepting up to 256 channels. The 64STD and 128STD models can be upgraded at any time.

Accessories

Temperature Module: provides temperature data with event data
Temperature/Actuator Module: provides temperature data with event data and controls accessory laboratory equipment
Linking Cable: for linking multiple Event Detectors to one PC
High Temperature Test Input Cables: for testing at temperatures above 105°C