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CableEye HVX High Voltage Expansion Module

DC Specification

Test Voltage Range:	10 – 1500v DC
Test Voltage Setting Resolution:	1v
Test Voltage Setting Accuracy:	±2%, ±1.5v
Maximum Test Current:.....	1.5ma
Dielectric Withstand Threshold Range:.....	25µA – 1.5ma
Dielectric Withstand Resolution:	1µA
Dielectric Withstand Threshold Accuracy:	±5%, ±5µA
Dielectric Withstand Dwell Time Range:	10ms – 300s
Insulation Resistance Measurement Range	2MΩ – 1GΩ
Insulation Resistance Accuracy (notes 1,2)	±5%

AC Specification

Test Voltage Range	10 - 1000vAC RMS
Test Voltage Setting Resolution:	1v
Test Voltage Setting Accuracy:	±4%, ±2v
Test Frequency:.....	50hz or 60hz
Test Frequency Setting Accuracy	±0.2%
Maximum Test Current	1.5ma
Dielectric Withstand Threshold Range	100µA – 1.5mA
Dielectric Withstand Threshold Resolution	100µA
Dielectric Withstand Threshold Accuracy (note 1)	±5%, ±100µA
Dielectric Withstand Dwell Time Range	10ms – 300s
Impedance Measure Range	(to be determined)
Impedance Measure Accuracy	(to be determined)

Note 1: Guarding or calibrating out adapter leakage may be required to meet this spec.
Note 2: 1500vDC Test Voltage; lower test voltages will reduce accuracy at higher IR values.