

15 November 2013

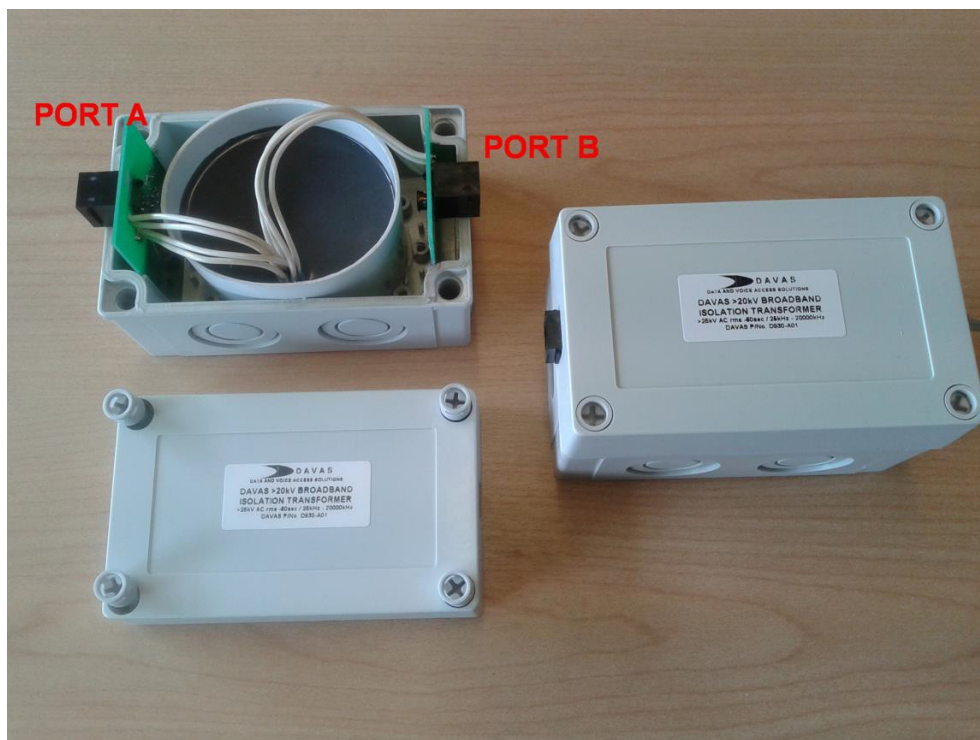


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**Re: Davas >20kV Broadband Isolation Transformer, D930-A01.**

As requested, please find below a summary of testing carried out on the Davas >20kV Broadband Isolation Transformer D930-A01 supplied for Electrical Withstand Testing.

Davas >20kV Broadband Isolation Transformer D930-A01 supplied for testing:



### High Voltage AC (50Hz) Test Results:

Applied voltages as per AS/NZS 3835 2006.1

Withstand Voltage Rating	Test Between	Applied Voltage (1 minute)	Leakage Current
Transformer S/N 1311 3018			
2kV	Port A to Port B	3kV	60uA
	Port A & B to Base Plate	3kV	15uA
7kV	Port A to Port B	10kV	220uA
	Port A & B to Base Plate	10kV	50uA
15kV	Port A to Port B	20kV	490uA
	Port A & B to Base Plate	20kV	115uA
20kV	Port A to Port B	25kV	630uA
	Port A & B to Base Plate	25kV	115uA

Withstand Voltage Rating	Test Between	Applied Voltage (1 minute)	Leakage Current
Transformer S/N 1311 3028			
2kV	Port A to Port B	3kV	60uA
	Port A & B to Base Plate	3kV	15uA
7kV	Port A to Port B	10kV	200uA
	Port A & B to Base Plate	10kV	50uA
15kV	Port A to Port B	20kV	355uA
	Port A & B to Base Plate	20kV	110uA
20kV	Port A to Port B	25kV	640uA
	Port A & B to Base Plate	25kV	140uA

### Conclusion:

The Davas >20kV Broadband Isolation Transformer, P/No D930-A01, has met the 25kV AC Withstand test.

**Test Equipment Data.**

High Voltage AC Test Set:

Serial No: 164                      Next Calibration Due: 26<sup>th</sup> June 2014.

5kV DC Insulation Tester

Serial No: W0313498    Next Calibration Due: 12<sup>th</sup> December 2013.

Temperature = 20°C and Humidity = 51%.

Yours Faithfully

Garry Tucker  
Technical Resource Manager