

## Digital Transformer based Linear Voltage Controlled Current Source (10VDC to 10ADC)

Sr. No.	Index	Features	Range	Description
1	Main Power Source	Voltage	230VAC +/-15%	Single Phase mains Input with Earth
		Ampere	2.5AAC (Max)	Integrated MCB & line Filter
		Frequency	50/60Hz	
2	Variable Input (Voltage)	Voltage Range	0VDC to 10VDC	Analog Input Voltage
		Ripple	5mV or Less	
3	Controlled Output (Current )	Ouput Current Range	0.01 ADC to 10.00ADC	Three Indivisual Voltage Controller (VC) Current Source(CS)
		Resolution	10mADC (or better)	
		Ripple	10mADC (Max)	
		Linearity	0.1% FSA	FSA(Full Scale Ampere ) = 10.00ADC
		Settling Time	100mSec (Max)	Time to settle output current after input chagnges
		Digital Display	4 Digit 7segment Display	1 inch Red segment
4	Additional Features	Indications	12mm Indicator	Power ON (230VAC main IN)
				Standby
				Indivisual Output Load Connected (Green)
				Indivisual Output Open Circuit (Yellow)
				Indivisual Output Load Connected (Green)
		Open Circuit or Over Voltage Protection (Optional)	0.1VDC to 10.0 VDC (Max) Adjustable	Indivasual adjustable open circuit voltage Protection Potentiometer 100mVDC to 10.0VDC with 100mV resolution
		Over Current or short Circuit Protection (Optional)	0.1ADC to 10.0 ADC (Max) Adjustable	Indivasual adjustable over voltage protection Potentiometer 10mADC to 10.0ADC with 100mADC resolution
5	Mechanical	Data Logger (Optional)	Indivisual Voltage & Current with Time Base	RS-485 based Data logger for indivisual Current & Voltage monitoring
		Depth	22 inches (appx)	Front to Back
		Width	8 inches (appx)	Left to Right
		Height	18 inches (appx)	Top to Bottom
		Weight	10KG (max)	
		Cabinet	MS Powder Coated	