

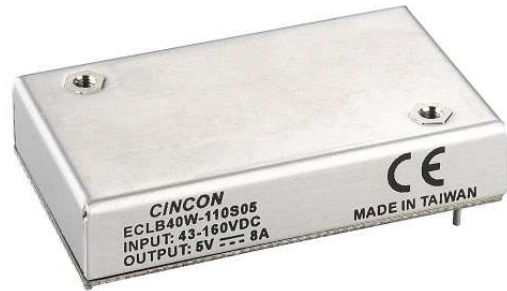


# ECLB40W-110 SERIES 40 WATT 4:1 INPUT DC-DC CONVERTERS



## FEATURES

- \* 40W Isolated Output
- \* Efficiency to 91%
- \* 2.05" X1.2" X0.4" Six-Sided Shield Metal Case
- \* 4:1 Input Range
- \* Regulated Outputs
- \* Fixed Switching Frequency
- \* Input Under Voltage Protection
- \* Over Current Protection
- \* Remote On/Off
- \* Low No Load Power Consumption
- \* Continuous Short Circuit Protection
- \* No Tantalum Capacitor Inside
- \* UL60950-1 2nd (Basic Insulation) Approval
- \* Meets EN50155 with External Circuits
- \* Fire & Smoke Meets EN45545-2
- \* 3000m Operating Altitude
- \* Full Load Operation Up to 69°C with Heat-Sink M-C655 Natural Convection



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT		% EFF.	CAPACITOR LOAD MAX.
			MIN.	MAX.	NO LOAD	FULL LOAD		
ECLB40W-110S33	43-160 VDC	3.3 VDC	0 mA	10000 mA	6 mA	340 mA	88%	10000 $\mu$ F
ECLB40W-110S05	43-160 VDC	5 VDC	0 mA	8000 mA	6 mA	409 mA	88.5%	8000 $\mu$ F
ECLB40W-110S12	43-160 VDC	12 VDC	0 mA	3333 mA	6 mA	404 mA	90%	3300 $\mu$ F
ECLB40W-110S15	43-160 VDC	15 VDC	0 mA	2666 mA	6 mA	399 mA	91%	2700 $\mu$ F
ECLB40W-110D12	43-160 VDC	$\pm$ 12 VDC	0 mA	$\pm$ 1667 mA	6 mA	408 mA	88%	1650 $\mu$ F
ECLB40W-110D15	43-160 VDC	$\pm$ 15 VDC	0 mA	$\pm$ 1333 mA	6 mA	408 mA	88.5%	1350 $\mu$ F
ECLB40W-110D24	43-160 VDC	$\pm$ 24 VDC	0 mA	$\pm$ 833 mA	6 mA	408 mA	89%	850 $\mu$ F

NOTE:

1. Nominal Input Voltage 110 VDC

