



EC9BW SERIES 30 WATT 4:1 INPUT DC-DC CONVERTERS



FEATURES

- * 30W Isolated Output
- * Efficiency to 92%
- * 2"x1" Six-Sided Shield Metal Case
- * 4:1 Input Range
- * Regulated Outputs
- * Fixed Switching Frequency
- * Input Under Voltage Protection
- * Over Current Protection
- * Remote On/Off
- * Continuous Short Circuit Protection
- * No Tantalum Capacitor Inside
- * CE Mark Meets 2004/108/EC
- * Safety Meets UL60950-1, EN60950-1, and IEC60950-1



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT		% EFF.		CAPACITOR LOAD MAX.
			MIN.	MAX.	NO LOAD	FULL LOAD	(2)	(3)	
EC9BW-24S33	9-36 VDC	3.3 VDC	0 mA	7500 mA	100 mA	1172 mA	88	88.5	7500μF
EC9BW-24S05	9-36 VDC	5 VDC	0 mA	6000 mA	110 mA	1397 mA	89.5	89.5	6000μF
EC9BW-24S12	9-36 VDC	12 VDC	0 mA	2500 mA	50 mA	1374 mA	91	90.5	2500μF
EC9BW-24S15	9-36 VDC	15 VDC	0 mA	2000 mA	50 mA	1374 mA	91	90.5	2000μF
EC9BW-24D12	9-36 VDC	±12 VDC	0 mA	±1250 mA	60 mA	1374 mA	91	90.5	1250μF
EC9BW-24D15	9-36 VDC	±15 VDC	0 mA	±1000 mA	60 mA	1359 mA	92	91	1000μF
EC9BW-48S33	18-75 VDC	3.3 VDC	0 mA	7500 mA	50 mA	593 mA	87	87.5	7500μF
EC9BW-48S05	18-75 VDC	5 VDC	0 mA	6000 mA	50 mA	694 mA	89.5	90	6000μF
EC9BW-48S12	18-75 VDC	12 VDC	0 mA	2500 mA	30 mA	683 mA	91.5	90	2500μF
EC9BW-48S15	18-75 VDC	15 VDC	0 mA	2000 mA	30 mA	679 mA	92	91	2000μF
EC9BW-48D12	18-75 VDC	±12 VDC	0 mA	±1250m A	40 mA	683 mA	91.5	90.5	1250μF
EC9BW-48D15	18-75 VDC	±15 VDC	0 mA	±1000m A	40 mA	679 mA	92	91	1000μF

NOTE:

1. Nominal Input Voltage 24 or 48 VDC
2. Measured at 12VDC for 24Vin, 24VDC for 48Vin
3. Measured at Nominal Input Voltage

INPUT SPECIFICATIONS:

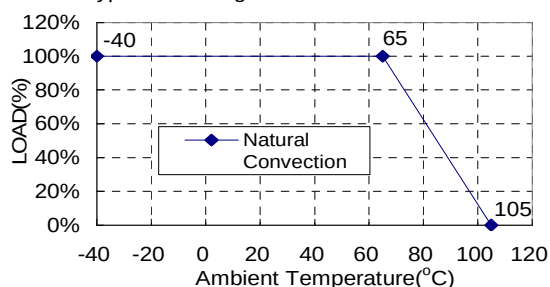
OUTPUT SPECIFICATIONS:

SIZE B Dimensions:

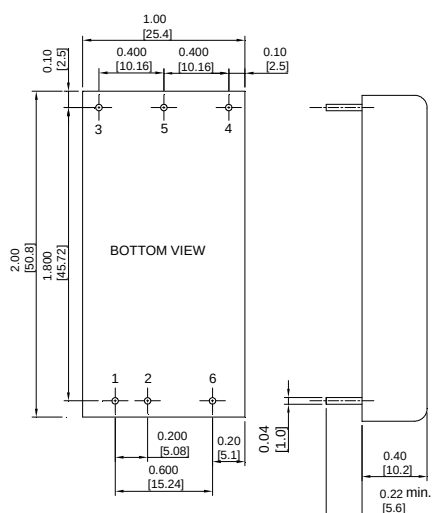
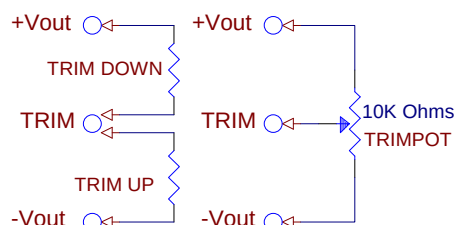
GENERAL SPECIFICATIONS:

NOTE :

- Typical Derating curve for Natural Convection



EXTERNAL OUTPUT TRIM



PIN CONNECTION		
Pin	Single	Dual
1	+V Input	+V Input
2	-V Input	-V Input
3	+V Output	+V Output
4	Trim	-V Output
5	-V Output	Common
6	Remote ON/OFF	

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Cincon:

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