

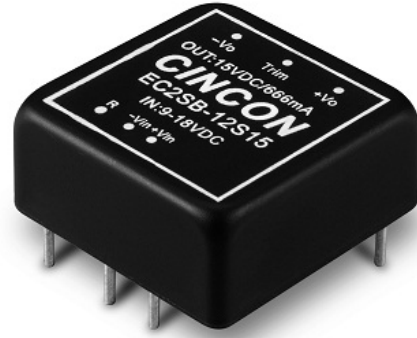


EC2SB SERIES 10 WATT 2:1 INPUT DC-DC CONVERTERS



FEATURES

- * 10W Isolated Output
- * Efficiency to 87%
- * 2:1 Input Range
- * Regulated Outputs
- * Fixed Switching Frequency
- * Input Under Voltage Protection
- * Over Current Protection
- * Remote On/Off
- * Continuous Short Circuit Protection
- * Conductive EMI Meets EN55022 Class A
- * Without Tantalum Capacitors Inside
- * CE Mark Meets 2014/30/EU
- * 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		
EC2SB-05S33	4.7-9 VDC	3.3 VDC	0 mA	2500 mA	120 mA	1897 mA	87	2470uF
EC2SB-05S05	4.7-9 VDC	5 VDC	0 mA	2000 mA	120 mA	2299 mA	87	2000uF
EC2SB-05S12	4.7-9 VDC	12 VDC	0 mA	833 mA	50 mA	2298 mA	87	940uF
EC2SB-05S15	4.7-9 VDC	15 VDC	0 mA	666 mA	50 mA	2297 mA	87	690uF
EC2SB-05D05	4.7-9 VDC	±5 VDC	0 mA	±1000 mA	50 mA	2353 mA	85	1000uF
EC2SB-05D12	4.7-9 VDC	±12 VDC	0 mA	±416 mA	50 mA	2295 mA	87	440uF
EC2SB-05D15	4.7-9 VDC	±15 VDC	0 mA	±333 mA	50 mA	2297 mA	87	330uF
EC2SB-12S33	9-18 VDC	3.3 VDC	0 mA	2500 mA	30 mA	838 mA	82	2470uF
EC2SB-12S05	9-18 VDC	5 VDC	0 mA	2000 mA	30 mA	980 mA	85	2000uF
EC2SB-12S12	9-18 VDC	12 VDC	0 mA	833 mA	35 mA	957 mA	87	940uF
EC2SB-12S15	9-18 VDC	15 VDC	0 mA	666 mA	35 mA	956 mA	87	690uF
EC2SB-12D05	9-18 VDC	±5 VDC	0 mA	±1000 mA	45 mA	980 mA	85	1000uF
EC2SB-12D12	9-18 VDC	±12 VDC	0 mA	±416 mA	45 mA	957 mA	87	440uF
EC2SB-12D15	9-18 VDC	±15 VDC	0 mA	±333 mA	45 mA	957 mA	87	330uF
EC2SB-24S33	18-36 VDC	3.3 VDC	0 mA	2500 mA	25 mA	419 mA	82	2470uF
EC2SB-24S05	18-36 VDC	5 VDC	0 mA	2000 mA	25 mA	490 mA	85	2000uF
EC2SB-24S12	18-36 VDC	12 VDC	0 mA	833 mA	25 mA	478 mA	87	940uF
EC2SB-24S15	18-36 VDC	15 VDC	0 mA	666 mA	25 mA	478 mA	87	690uF
EC2SB-24D05	18-36 VDC	±5 VDC	0 mA	±1000 mA	25 mA	490 mA	85	1000uF
EC2SB-24D12	18-36 VDC	±12 VDC	0 mA	±416 mA	25 mA	478 mA	87	440uF
EC2SB-24D15	18-36 VDC	±15 VDC	0 mA	±333 mA	25 mA	478 mA	87	330uF
EC2SB-48S33	36-75 VDC	3.3 VDC	0 mA	2500 mA	20 mA	212 mA	81	2470uF
EC2SB-48S05	36-75 VDC	5 VDC	0 mA	2000 mA	20 mA	245 mA	85	2000uF
EC2SB-48S12	36-75 VDC	12 VDC	0 mA	833 mA	20 mA	239 mA	87	940uF
EC2SB-48S15	36-75 VDC	15 VDC	0 mA	666 mA	20 mA	239 mA	87	690uF
EC2SB-48D05	36-75 VDC	±5 VDC	0 mA	±1000 mA	20 mA	245 mA	85	1000uF
EC2SB-48D12	36-75 VDC	±12 VDC	0 mA	±416 mA	20 mA	239 mA	87	440uF
EC2SB-48D15	36-75 VDC	±15 VDC	0 mA	±333 mA	20 mA	239 mA	87	330uF

NOTE: 1. Nominal Input Voltage 5, 12, 24 or 48 VDC

Mouser Electronics

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