



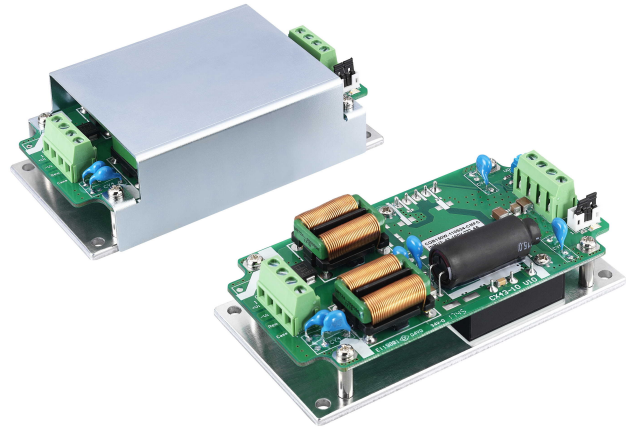
electronic powersolutions

CHASSIS MOUNT CQB150W-110S SERIES 150 WATT 4:1 INPUT DC-DC CONVERTERS



FEATURES

- * 150W Isolated Output
- * Efficiency to 91%
- * Fixed Switching Frequency
- * 4:1 Input Range
- * Regulated Outputs
- * Remote On/Off
- * Low No Load Power Consumption
- * Over Temperature Protection
- * Over Voltage/Current Protection
- * Continuous Short Circuit Protection
- * Shock & Vibration Meets EN50155 (EN61373)
- * Safety Meets IEC/EN/UL 62368-1
- * UL60950-1 2nd (Basic Insulation) Approval for DC Modules
- * EN50155:2007 for EMC, Environmental and Characteristic
- * Build-In EMI Filter
- * Fire & Smoke Meets EN45545-2



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT		% EFF.	CAPACITOR LOAD MAX.
			MIN.	MAX.	NO LOAD	FULL LOAD		
CQB150W-110S3V3□-CMFC CQB150W-110S3V3□-CMFD	43-160 VDC	3.3 VDC	0 mA	30.0 A	15 mA	1.03 A	87.5	30000µF
CQB150W-110S05□-CMFC CQB150W-110S05□-CMFD	43-160 VDC	5 VDC	0 mA	30.0 A	15 mA	1.53 A	89	30000µF
CQB150W-110S12□-CMFC CQB150W-110S12□-CMFD	43-160 VDC	12 VDC	0 mA	12.5 A	15 mA	1.50 A	91	12500µF
CQB150W-110S15□-CMFC CQB150W-110S15□-CMFD	43-160 VDC	15 VDC	0 mA	10.0 A	15 mA	1.50 A	91	10000µF
CQB150W-110S24□-CMFC CQB150W-110S24□-CMFD	43-160 VDC	24 VDC	0 mA	6.3 A	15 mA	1.56 A	88	6300µF
CQB150W-110S28□-CMFC CQB150W-110S28□-CMFD	43-160 VDC	28 VDC	0 mA	5.4 A	15 mA	1.56 A	88	5400µF
CQB150W-110S48□-CMFC CQB150W-110S48□-CMFD	43-160 VDC	48 VDC	0 mA	3.2 A	15 mA	1.56 A	89.5	1000µF

NOTE:

1. Nominal Input Voltage 110VDC
2. □ = N or None.
3. VR1 is Used for Output Voltage Adjustment.
4. Refer to Application Note for Thermal Resistance and Derating Informations.
5. TVS is Included for Input Surge Voltage Protection.
6. Recommend an External Fuse for Input Reverse Polarity Protection (Shunt Diode is Included Inside).

