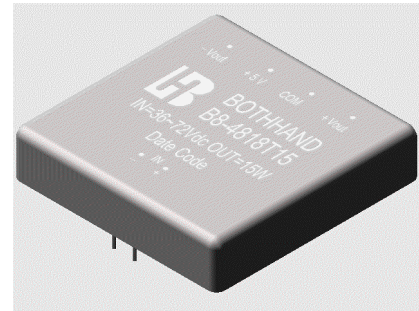


1. Features :

■ Wide 2 : 1 Input Range
■ Low Ripple and Noise
■ Input / Output Isolation 1.5K Vdc or 3K Vdc
■ 100 % Burn-In
■ Input π - Filter
■ Custom Design Available



2. Absolute maximum ratings :

(Exceeding these values may damage the module. These are not continuous operating ratings)

Parameter	Condition	Min.	Typ.	Max.	Unit
Input Absolute Voltage Range	12V Input Model	-0.7	12	22.5	Vdc
	24V Input Model	-0.7	24	45	
	48V Input Model	-0.7	48	90	
Output Short circuit duration	Nominal Input Range	Indefinite & Auto-Restart			
Reverse Polarity Input current Limit	---	---	---	1	A
Operating temperature	Output Full Load	-25	---	+71	°C
Storage temperature		-55	---	+105	

3. Nominal Input / Output Electrical Specifications :

(Specifications typical at Ta = +25°C , nominal input voltage, rated output current unless otherwise noted)

Parameter	Condition	Min.	Typ.	Max.	Unit
Input Voltage Range	12V Input Model	9	12	18	Vdc
	24V Input Model	18	24	36	
	48V Input Model	36	48	75	
Line Regulation	Output full Load	---	---	± 0.5	%
Load Regulation	Single Output Model	---	---	± 0.5	
	Triple Output Model			± 2	
Output Voltage Accuracy	Nominal Input	---	± 1.0	± 2.0	
Output Voltage Balance	Dual Output at same Load	---	---	± 1.0	
Switching Frequency	Nominal Input	---	250	---	KHz
Temperature Coefficient		---	± 0.01	± 0.02	% / °C
Isolation Voltage	Standard Series	1500	---	---	Vdc
	High Isolation Series	3000	---	---	
Isolation Resistance	500 Vdc	1000	---	---	MΩ
Isolation Capacitance	1 KHz / 250 mV rms	---	1000	---	pF

4. Triple Output Selection Guide :

(Specifications typical at Ta = +25 °C, Nominal input voltage, Rated output current unless otherwise noted)

Bothhand Model No.	Input Voltage (Vdc)	Output Voltage (Vdc)	Output Current (mA) Max	Output Current (mA) Typ.	Input Current @ No Load (mA) Typ.	Input Current @ Max. Load (mA) Typ.	Output Ripple (mV) Max.	Load Regulation (%) Max.	Efficiency (%) Typ.	
10 W Triple output Series :										
B8-1212T10	9 ~ 18	5.0	± 12	1000	± 209	35	1070	75	± 8	78
B8-1215T10		5.0	± 15	1000	± 167	40	1043	75	± 8	80
B8-2412T10	18 ~ 36	5.0	± 12	1000	± 209	28	522	75	± 8	80
B8-2415T10		5.0	± 15	1000	± 167	25	521	75	± 8	80
B8-4812T10	36 ~ 72	5.0	± 12	1000	± 209	18	258	75	± 8	81
B8-4815T10		5.0	± 15	1000	± 167	15	261	75	± 8	80
15W Triple output Series :										
B8-1212T15	9 ~ 18	5.0	± 12	1500	± 313	37	1604	75	± 8	78
B8-1215T15		5.0	± 15	1500	± 250	45	1563	75	± 8	80
B8-2412T15	18 ~ 36	5.0	± 12	1500	± 313	30	782	75	± 8	80
B8-2415T15		5.0	± 15	1500	± 250	27	781	75	± 8	80
B8-4812T15	36 ~ 72	5.0	± 12	1500	± 313	20	391	75	± 8	80
B8-4815T15		5.0	± 15	1500	± 250	17	391	75	± 8	80
B8-xxxxTxx										

Notes :

1. B8-xxxxTxx is for Customer Design.
2. Suffix "H" for 3K Vdc Isolation. (B8-xxxxTxxH)

Mechanical : (Triple O/P)

