

ORDERING INFORMATION

CSF15-BDW

Series name

Total output wattage

Output voltage combination

- Inrush current limit
- Short circuit protection
- Over voltage protection
- CH1 isolated from CH2
- Over current protection
- 4 years warranty



CSF15-DUAL SPECIFICATIONS



MODEL		CSF15-BDW		CSF15-DDW		CSF15-EEW		
INPUT	VOLTAGE, FREQUENCY		AC100-240V (AC 85 ~ 264V or DC 120 ~ 370V), 50/60Hz (47 ~ 440Hz), Universal input					
	CURRENT	[A]	110V	0.4 (I _o =100%)				
			220V	0.25 (I _o =100%)				
	EFFICIENCY	[%]	110V	68 typ	70 typ	70 typ		
			220V	67 typ	79 typ	69 typ		
INRUSH CURRENT		20A typ (AC IN 110V, I _o =100%), 40A typ (AC IN 220V, I _o =100%) at cold start.						
OUTPUT	VOLTAGE	[V]	5	12	12	12	15	15
	CURRENT	[A]	0.1 ~ 2	0.5	0.1 ~ 0.7	0.7	0.1 ~ 0.5	0.5
	REGULATION, LINE	[mV]	25 Max	120 Max	60 Max	120 Max	75 Max	150 Max
	REGULATION, LOAD	[mV]	50 Max	120 Max	120 Max	120 Max	150 Max	150 Max
	RIPPLE	[mVp-p]	80 Max	120 Max	120 Max	120 Max	120 Max	120 Max
	RIPPLE, NOISE	[mVp-p]	120 Max	150 Max	150 Max	150 Max	150 Max	150 Max
	TEMPERATURE DRIFT 0~+50°C	[mV]	75 Max	180 Max	180 Max	180 Max	225 Max	225 Max
	RISE TIME	[ms]	800 Max (AC IN 100V I _o =100%)					
	HOLDING TIME	[ms]	17 typ (AC IN 100V I _o =100%)					
PROTECTION CIRCUIT	OVER CURRENT PROTECTION		Works at over 110% of rating and recovers automatically					
	OVER VOLTAGE PROTECTION		Works at 115 ~ 140% of rating (except for CH2)					
ELECTRICALLY ISOLATED	INPUT-OUTPUT		AC 3,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)					
	INPU-FG		AC 2,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)					
	OUTPUT-FG		AC 500V 1 minute current 100mA, DC 500V 100MΩ (At room temperature & Humidity)					
ENVIRONMENT	OPERATING TEMP AND HUMID		-10 ~ +70°C(Required Derating), 20 ~ 90% RH (Non Condensing)					
	STORAGE TEMP AND HUMID		-20 ~ +75°C, 20 ~ 90% RH (Non condensing)					
	VIBRATION		10 ~ 55Hz at 1G, 3 minutes period, 30 minutes along X, Y and Z axis					
	IMPACT		10G for 20ms, once on each X, Y and Z axis					
SAFETY EMISSION PFHC	SAFETY REGULATION		CE, CB		CE, CB		CE, CB	
	LINE CONDUCTED RF VOLTAGE		Complied with EN55022-A, VL60950-1, EN60950-1					