

CSF50-BDW

Series name

Total output wattage

Output voltage combination

Features:

- 50 Watt
- Dual Output
- Inrush current limit
- Short circuit protection
- Over voltage protection
- CH1 isolated from CH2, 3
- Over current protection
- Up to 5 year warranty



CSF15-D SPECIFICATIONS:

	MODEL		CSF50-BDW		CSF-BEW		CSF50-BHW		CSF50-DDW		CSF50-EEW		
INPUT	VOLTAGE, FREQUENCY		AC100-240V (AC85 ~ 264V or DC120 ~ 370V), 50/60Hz (47 ~ 440Hz), Universal input										
	CURRENT	[A]	110V	1.2A typ (1 _o =100%)									
			220V	0.7A typ (1 _o =100%)									
	EFFICIENCY	[%]	110V	75 typ		76 typ		77 typ		77 typ		77 typ	
			220V										
INRUSH CURRENT			20A typ (AC IN 110V, 1 _o =100%), 40A typ (AC IN 220V, 1 _o =100%) at cold start										
OUTPUT	VOLTAGE	[V]	5	12	5	15	5	24	12	12	15	15	
	CURRENT	[A]	0.5 ~ 5	2	0.5 ~ 5	1.7	0.5 ~ 5	1	0.1 ~	1.5	0.1 ~ 2	1.5	
	REGULATION, LINE	[mV]	50 Max	120 Max	50 Max	150 Max	50 Max	240 Max	120 Max	120 Max	150 Max	150 Max	
	REGULATION. LOAD	[mV]	100 Max	240 Max	100 Max	210 Max	100 Max	480 Max	240 Max	240 Max	300 Max	300 Max	
	RIPPLE	[mVp-p]	80 Max	120 Max	80 Max	120 Max	80 Max	150 Max	120 Max	120 Max	120 Max	120 Max	
	RIPPLE, NOISE	[mVp-p]	120 Max	150 Max	120 Max	150 Max	120 Max	250 Max	150 Max	150 Max	150 Max	150 Max	
	TEMPERATURE DRIFT 0~50°C	[mV]	75 Max	180 Max	75 Max	225 Max	75 Max	360 Max	180 Max	180 Max	225 Max	225 Max	
	RISE TIME	[ms]	1000 Max (AC IN 100V, 1 _o =100%)										
HOLDING TIME		[ms]	17 typ (AC IN 100V, 1 _o =100%)										
PROTECTION CIRCUIT	OVER CURRENT PROTECTION		Works at over 105% of rating and recovers automatically										
	OVER VOLTAGE PROTECTION		Works at 115 ~ 140% of rating										
ELECTRICALLY ISOLATED	INPUT-OUTPUT		AC 3,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature and humidity)										
	INPUT-CASE, FG		AC 2,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature and humidity)										
	OUTPUT-CASE-FG		AC 500V 1 minute current 100mA, DC 500V 100MΩ (At room temperature and 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 minute period along X, Y and Z axis										
	IMPACT		10G for 20ms, once on each X, Y and Z axis										
SAFETY	SAFETY REGULATION		CE, CB										
	LINE CONDUCTED RF VOLTAGE		Built to meet EN55022-A										

CSF50-D EXTERNAL VIEW

