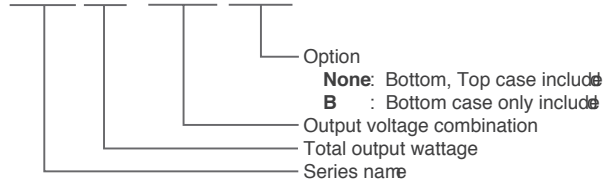
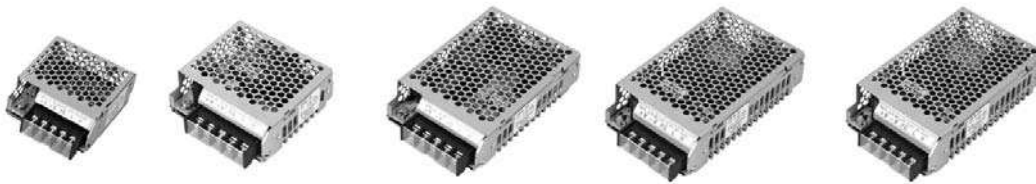


CSF50-3R3



Features:

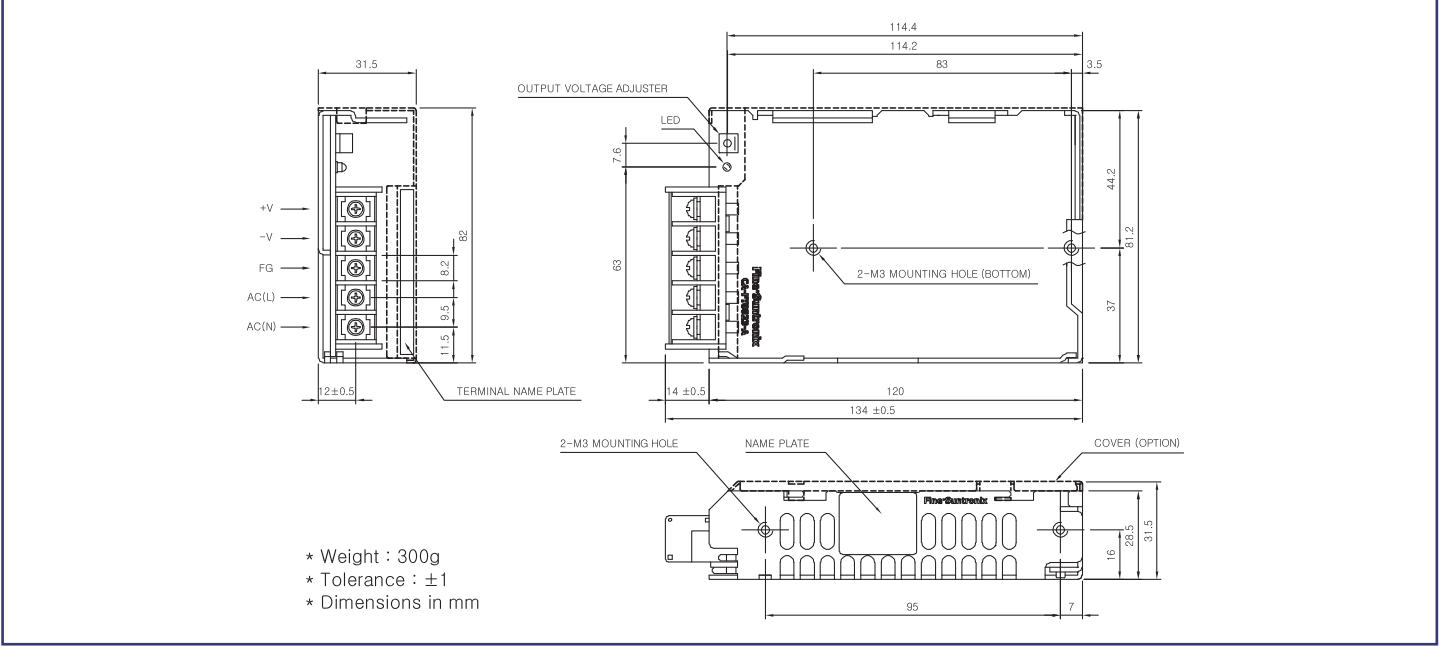
- 50 Watt
- Single Output
- Small Size
- Low cost
- Universal input voltage range
- Over voltage protection (except for 15W)
- Over current protection
- Up to 5 year warranty



CSF50-S SPECIFICATIONS:

	MODEL		CSF50-3R3	CSF50-05	CSF50-09	CSF50-12	CSF50-15	CSF50-24	CSF50-48
INPUT	VOLTAGE, FREQUENCY		AC 100-240V (AC 85 ~ 264V or DC 120 ~ 370V), 50/60Hz (47 ~ 440Hz) Universal input						
	CURRENT [A]	110V	0.7 (1 ₀ =100%)	0.9 (1 ₀ =100%)					
		220V	0.4 (1 ₀ =100%)	0.6 (1 ₀ =100%)					
	EFFICIENCY [%]	110V	70 typ	70 typ	76 typ	78 typ	78 typ	78 typ	79 typ
		220V	70 typ	70 typ	75 typ	75 typ	75 typ	75 typ	75 typ
INRUSH CURRENT			20A typ (AC IN 110V, 1 ₀ =100%), 40A typ (AC IN 220V, 1 ₀ =100%) at cold start						
OUTPUT	VOLTAGE	[V]	3.3	5	9	12	15	25	48
	CURRENT	[A]	10	10	5.6	4.3	3.5	2.2	1.1
	REGULATION, LINE	[mV]	25 Max	25 Max	45 Max	60 Max	75 Max	120 Max	240 Max
	REGULATION, LOAD	[mV]	50 Max	50 Max	90 Max	120 Max	150 Max	240 Max	480 Max
	RIPPLE	[mVp-p]	80 Max	80 Max	120 Max	120 Max	120 Max	120 Max	150 Max
	RIPPLE, NOISE	[mVp-p]	120 Max	120 Max	150 Max	150 Max	150 Max	150 Max	250 Max
	TEMPERATURE DRIFT 0~50°C	[mV]	50 Max	75 Max	135 Max	180 Max	225 Max	360 Max	720 Max
	RISE TIME	[ms]	500 Max (AC IN 100V, 1 ₀ =100%)						
	HOLDING TIME	[ms]	17 typ (AC IN 100V, 1 ₀ =100%)						
PROTECTION CIRCUIT	OVER CURRENT PROTECTION		Works at over 105% of rating and recover automatically						
	OVER VOLTAGE PROTECTION		Works at 115 ~ 140% of rating						
ELECTRICALLY ISOLATED	INPUT-OUTPUT		AC 3,000 1 minute current 20mA, DC 500V 100MΩ (At room temperature and humidity)						
	INPUT-CASE, FG		AC 2,000 1 minute current 20mA, DC 500V 100MΩ (At room temperature and humidity)						
	OUTPUT-CASE-FG		AC 500V 1 minute current 100mA, DC500V 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 minutes period, 30 minutes along X, Y and Z axis						
	IMPACT		10G for 20ms, once on each X, Y and Z axis						
SAFETY	SAFETY REGULATION		UL, C-UL, CE, CB						
	LINE CONDUCTED RF VOLTAGE		Built to meet EN55022-A						

CSF50-S EXTERNAL VIEW



Data sheets subject to change without notice, please check with our sales office before ordering
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