

CSF30-TRIPLE SPECIFICATIONS



MODEL		CSF30-DD			CSF30-EE			
INPUT	VOLTAGE, FREQUENCY	AC100-240V (AC 85 ~ 264V or DC 120 ~ 370V), 50/60Hz (47 ~ 440Hz), Universal input voltage						
	CURRENT [A]	110V	0.65 (I _o =100%)					
		220V	0.35 (I _o =100%)					
	EFFICIENCY [%]	110V	71 typ			73 typ		
		220V	71 typ			73 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	5	15	15	
	CURRENT [A]	0.3 ~ 3	1.0	0.3	0.3 ~ 3	0.8	0.2	
	REGULATION, LINE [mV]	25 Max	120 Max	120 Max	25 Max	150 Max	150 Max	
	REGULATION, LOAD [mV]	50 Max	120 Max	120 Max	50 Max	150 Max	150 Max	
	RIPPLE [mVp-p]	80 Max	120 Max	120 Max	80 Max	120 Max	120 Max	
	RIPPLE, NOISE [mVp-p]	120 Max	150 Max	150 Max	120 Max	150 Max	150 Max	
	TEMPERATURE DRIFT 0~+50°C [mV]	75 Max	180 Max	180 Max	75 Max	225 Max	225 Max	
	RISE TIME [ms]	800 Max (AC IN 100V I _o =100%)						
	HOLDING TIME [ms]	16 typ (AC IN 100V I _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 & Humidity)						
	INPUT-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			
	LINE CONDUCTED RF VOLTAGE	Complied with EN55022-A						

CSF30-TRIPLE EXTERNAL VIEW

