

CSF30-DUAL SPECIFICATIONS



MODEL		CSF30-BDW	CSF30-BHW	CSF30-BBW	CSF30-DDW	CSF30-EEW						
INPUT	VOLTAGE, FREQUENCY	AC 100-240V (AC 85 ~ 264V or DC120 ~ 370V), 50/60Hz (47 ~ 440Hz), Universal input										
	CURRENT [A]	110V	0.65 (I _o =100%)									
		220V	0.35 (I _o =100%)									
	EFFICIENCY [%]	110V	71 typ	74 typ	74 typ	77 typ	78 typ					
220V		72 typ	73 typ	72 typ	76 typ	77 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	5	24	5	5	12	12	15	15	
	CURRENT [A]	0.3 ~ 3	1.3	0.3 ~ 3	0.6	2	2	1.3	1.3	1	1	
	REGULATION, LINE [mV]	25 Max	120 Max	25 Max	240 Max	25 Max	25 Max	60 Max	60 Max	75 Max	75 Max	
	REGULATION, LOAD [mV]	50 Max	120 Max	50 Max	240 Max	50 Max	50 Max	120 Max	120 Max	150 Max	150 Max	
	RIPPLE [mVp-p]	80 Max	120 Max	80 Max	120 Max	80 Max	80 Max	120 Max	120 Max	120 Max	120 Max	
	RIPPLE, NOISE [mVp-p]	120 Max	150 Max	120 Max	150 Max	120 Max	120 Max	150 Max	150 Max	150 Max	150 Max	
	TEMPERATURE DRIFT 0~+50°C [mV]	75 Max	180 Max	75 Max	360 Max	75 Max	75 Max	180 Max	180 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	CE, CB	CE, CB	CE, CB	CE, CB	CE, CB	CE, CB	CE, CB		
	LINE CONDUCTED RF VOLTAGE	Complied with EN55022-A										

CSF30-DUAL EXTERNAL VIEW

