

CSF30-DUAL SPECIFICATIONS

	MODEL	CSF30-BDW	CSF30-BHW	CSF30-BBW	CSF30-DDW	CSF30-EEW					
INPUT	VOLTAGE, FREQUENCY	AC100-240V (AC85~264V or DC120~370V), 50/60Hz (47~440Hz or DC), Universal input voltage									
	CURRENT	0.65A typ (ACIN 110V, I _o =100%), 0.35A typ (ACIN 220V, I _o =100%) at cold start.									
	EFFICIENCY	ACIN 110V = 68% ACIN 220V = 69%	ACIN 110V = 69% ACIN 220V = 70%	ACIN 110V = 70% ACIN 220V = 70%	ACIN 110V = 72% ACIN 220V = 72%	ACIN 110V = 74% ACIN 220V = 74%					
	INRUSH CURRENT	20A typ (ACIN 110V, I _o =100%), 40A typ (ACIN 220V, I _o =100%) at cold start.									
OUTPUT	VOLTAGE [V]	5	12	5	24	5	5	12	12	15	15
	CURRENT [A]	0.3~3.0	1.3	0.3~3.0	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 (ACIN 110V I _o =100%)									
HOLDING TIME [ms]	16 typ (ACIN 110V I _o =100%)										
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically									
	OVER VOLTAGE PROTECTION	Works at 115~114% of rating (except for CH2)									
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC3,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)									
	INPUT-FG	AC2,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)									
	OUTPUT-FG	AC500V 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 TEMPAND 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					
	LINE CONDUCTED RF VOLTAGE	Complied with FCC Part 15, VCCI-A, CISPR22-A, EN55022-A									

CSF30-DUAL EXTERNAL VIEW

