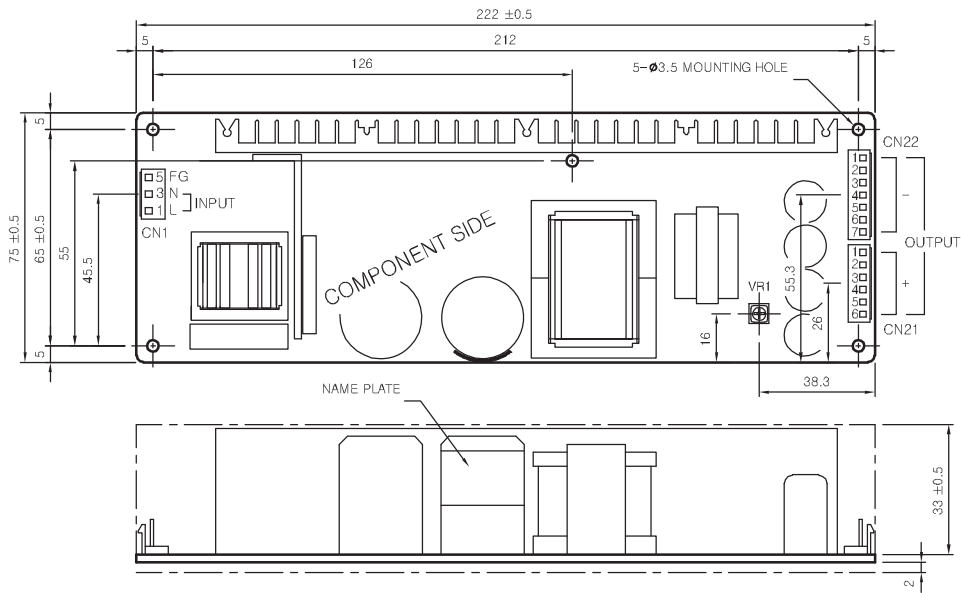


ESFH150-S SPECIFICATIONS

MODEL		ESFH150-3R3	ESFH150-05	ESFH150-12	ESFH150-15	ESFH150-24	ESFH150-36	ESFH150-48		
INPUT	VOLTAGE, FREQUENCY	AC200-240V (AC170 ~ 264V or DC240 ~370V), 50/60Hz (47 ~ 440Hz)								
	CURRENT [A]	220V	2.0 (I _o =100%)							
	EFFICIENCY [%]	220V	75 typ	75 typ	75 typ	75 typ	75 typ	75 typ	75 typ	
	INRUSH CURRENT	40A typ (AC IN 220V, I _o =100%)								
OUTPUT	VOLTAGE [V]	3.3	5	12	15	24	36	48		
	CURRENT [A]	30	30	12.5	10	6.3	4.2	3.2		
	REGULATION, LINE [mV]	25 Max	25 Max	60 Max	75 Max	120 Max	180 Max	240 Max		
	REGULATION, LOAD [mV]	50 Max	50 Max	120 Max	150 Max	240 Max	360 Max	480 Max		
	RIPPLE [mVp-p]	100 Max	100 Max	120 Max	150 Max	240 Max	360 Max	480 Max		
	RIPPLE, NOISE [mVp-p]	120 Max	120 Max	170 Max	200 Max	290 Max	410 Max	530 Max		
	TEMPERATURE DRIFT 0~+50°C [mV]	50 Max	75 Max	180 Max	225 Max	360 Max	540 Max	720 Max		
	RISE TIME [ms]	1,000 Max (AC IN 220V I _o =100%)								
	HOLDING TIME [ms]	16 typ (AC IN 220V I _o =100%)								
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically								
	OVER VOLTAGE PROTECTION	Works at over 115% of rating								
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC 3,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)								
	INPUT-CASE, FG	AC 2,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)								
	OUTPUT-CASE, FG	AC 500V 1 minute current 100mA, DC 500V 100MΩ (At room temperature & Humidity)								
ENVIRONMENT	OPERATING TEMP AND HUMID	-10 ~ +50°C, 20 ~ 90% RH(Non Condensing)								
	STORAGE TEMP AND HUMID	-20 ~ +75°C, 20 ~ 90% RH(Non Condensing)								
	VIBRATION	10 ~ 55Hz at 1G, 3 minutes periods, 30 minutes along X, Y and Z axis								
	IMPACT	10G for 20ms once on each X, Y and Z axis								
SAFETY	SAFETY REGULATION	-								
	LINE CONDUCTED RF VOLTAGE	-								

ESFH150-S EXTERNAL VIEW



CN1	1	AC (L)
	3	AC (N)
	5	FG
CN21	1, 2, 3, 4, 5, 6	OUTPUT +
	1, 2, 3, 4, 5, 6, 7	OUTPUT -

	I/O Connector	Mating Connector	Terminal	Manufacturer
CN1	YW396-05V	YH396-05V	YT396	연호전자
CN21	YW396-06V	YH396-06V	YT396	연호전자
CN22	YW396-07V	YH396-07V	YT396	연호전자

- * Weight : 550g
- * Tolerance : ±1
- * PCB t=1.6
- * Dimensions in mm