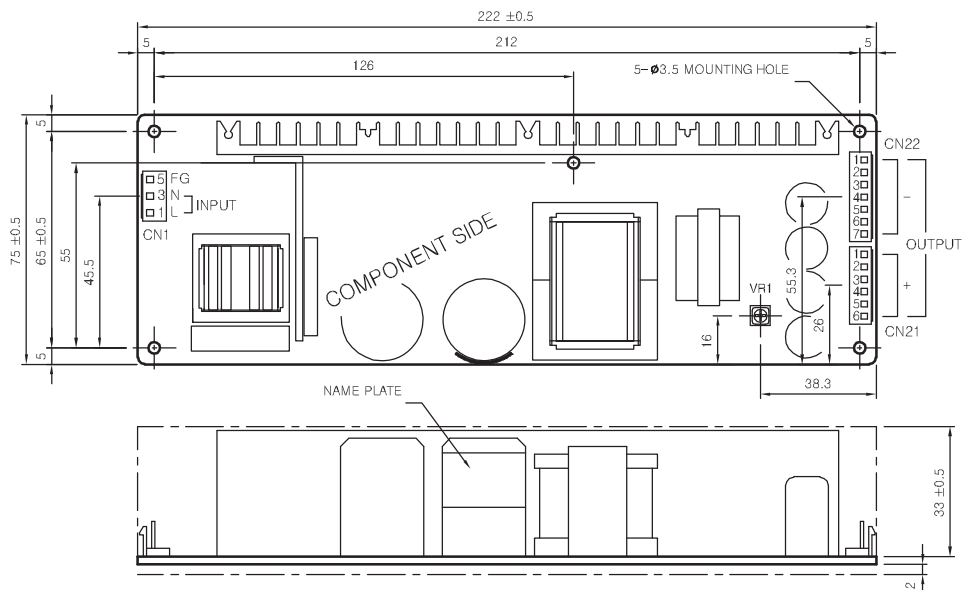


# ESFL150-S SPECIFICATIONS

MODEL			ESFL150-3R3	ESFL150-05	ESFL150-12	ESFL150-15	ESFL150-24	ESFL150-36	ESFL150-48
INPUT	VOLTAGE, FREQUENCY		AC100-120V (AC85 ~ 132V or DC120 ~ 186V), 50/60Hz (47 ~ 440Hz)						
	CURRENT [A]	110V	3.2 (I <sub>o</sub> =100%)						
	EFFICIENCY [%]	110V	75 typ	75 typ	75 typ	75 typ	75 typ	75 typ	75 typ
	INRUSH CURRENT		20A typ (ACIN 110V, I <sub>o</sub> =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 110V I <sub>o</sub> =100%)						
HOLDING TIME [ms]		16 typ (AC IN 110V I <sub>o</sub> =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 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	SAFETY REGULATION		Built to meet UL						
	LINE CONDUCTED RF VOLTAGE		-						

# ESFL150-S EXTERNAL VIEW



CN1	1	AC (L)
	3	AC (N)
	5	FG
CN21	1, 2, 3, 4, 5, 6	OUTPUT +
CN22	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