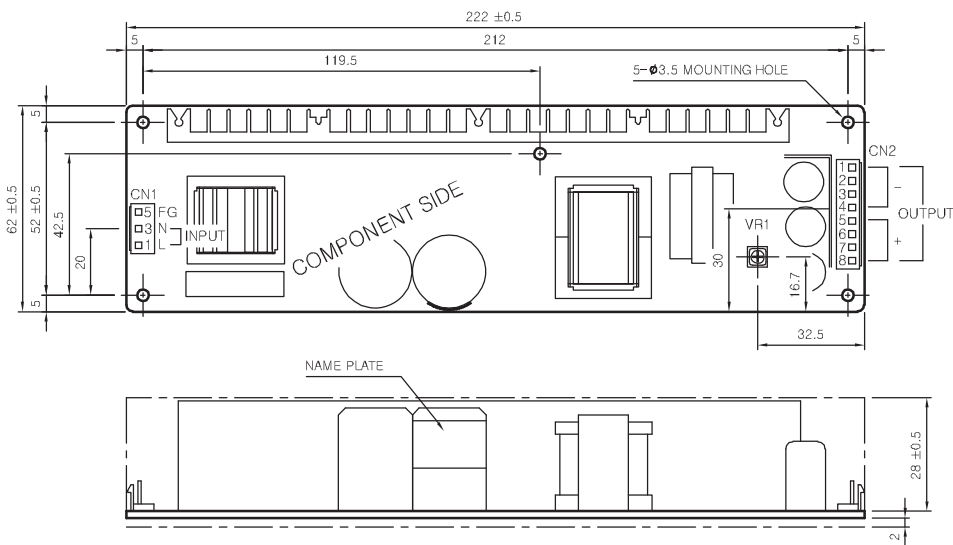


ESFL100-S SPECIFICATIONS

MODEL		ESFL100-3R3	ESFL100-05	ESFL100-12	ESFL100-15	ESFL100-24	ESFL100-36	ESFL100-48	
INPUT	VOLTAGE, FREQUENCY	AC100-120V (AC85 ~ 132V or DC120 ~ 186V), 50/60Hz (47 ~ 440Hz)							
	CURRENT [A]	110V 2.2A (I ₀ =100%)							
	EFFICIENCY [%]	74 typ	79 typ	80 typ	80 typ	81 typ	81 typ	81 typ	
	INRUSH CURRENT	20A typ (AC IN 110V, I ₀ =100%)							
OUTPUT	VOLTAGE [V]	3.3	5	12	15	24	36	48	
	CURRENT [A]	20	20	8.5	7	4.3	3	2.2	
	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]	50 Max	50 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 ₀ =100%)							
HOLDING TIME [ms]	17 typ (AC IN 110V I ₀ =100%)								
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 110% 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-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 period, 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	-							

ESFL100-S EXTERNAL VIEW



- * Weight : 420g
- * Tolerance : ±1
- * PCB t=1.6
- * Dimensions in mm

CN1	1	AC (L)
	3	AC (N)
	5	FG
CN2	1, 2, 3, 4	OUTPUT -
	5, 6, 7, 8	OUTPUT +

	I/O Connector	Mating Connector	Terminal	Manufacturer
CN1	YW396-05V	YH396-05V	YT396	연흥전자
CN2	YW396-08V	YH396-08V	YT396	연흥전자