

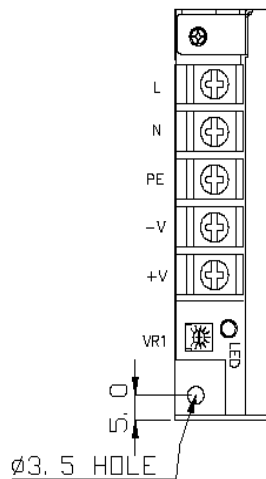
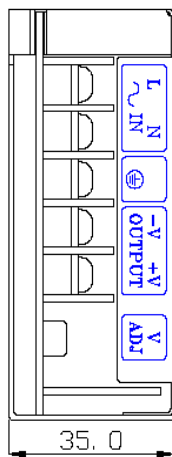
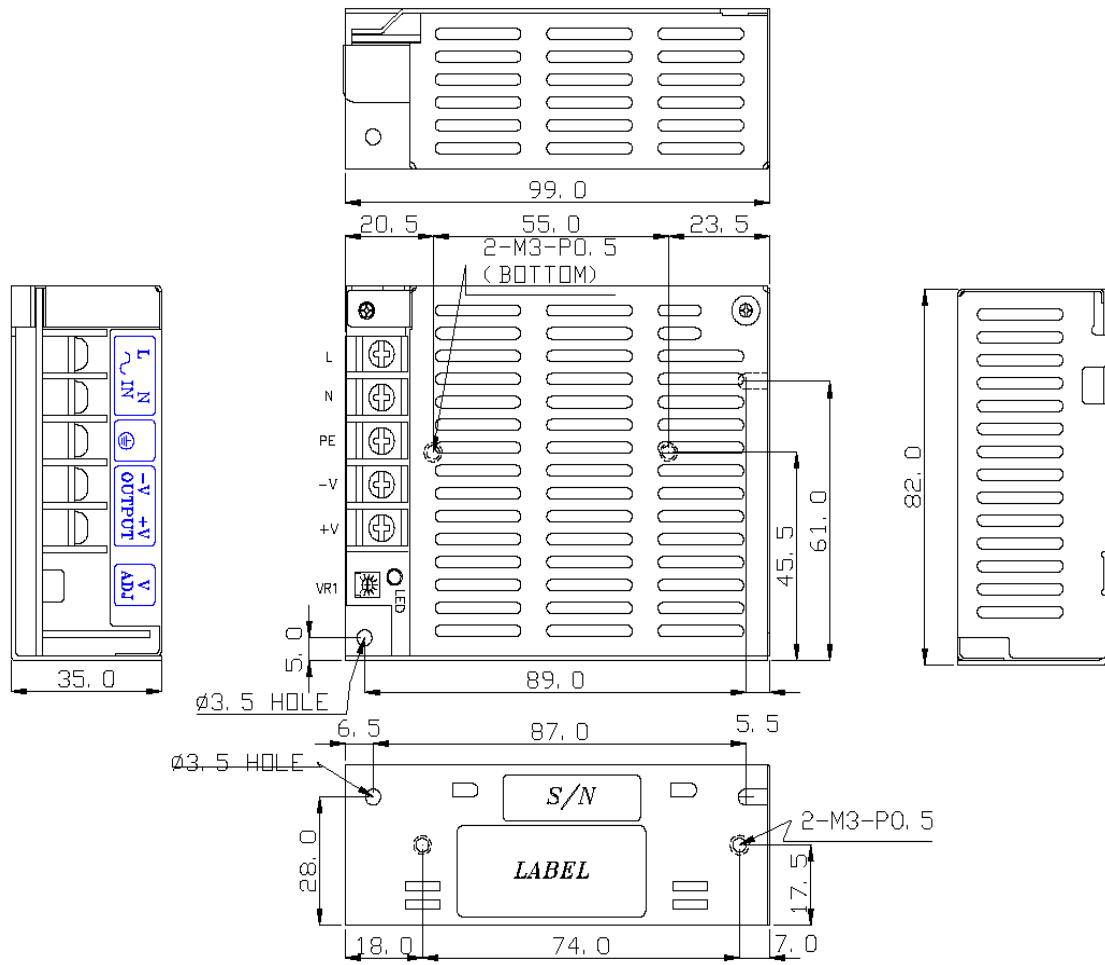
Country of Origin : Taiwan
 Operating Temperature : 0 ~ 70° C
 Dimension : 99 x 82 x 35 mm
 Approvals / Marks : UL, c-UL, TÜV, CB, CE

**Features:**

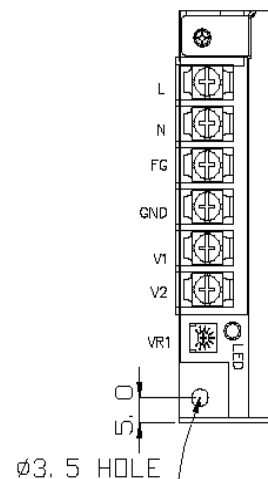
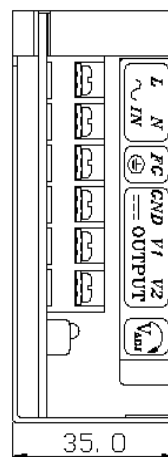
Universal input 85~264 VAC or 120~375VDC
 Non minimum load requirement
 Overload, over voltage, short circuit protection
 Also available with DIN-Rail fitting {see SPS035DR}
 Built in EMI filter, low ripple noise / Green-mode designing, meets IEA standard <0.75W (standby state)
 100% 50°C burn-in test
 1 year warranty

Specification:

MODEL		SPS035-3.3	SPS035-05	SPS035-7.5	SPS035-12	SPS035-15	SPS035-15M	SPS035-24	SPS035-24Q	SPS035-48
OUTPUT	Voltage	3.3V	5V	7.5V	12V	15V	18V	24V	28V	48V
	min. Load	0A	0A	0A	0A	0A	0A	0A	0A	0A
	max. Load	9A	7A	4.7A	3A	2.4A	2A	1.5A	1.25A	0.75A
	Tolerance	±3%	±2%	±1%	±1%	±1%	±1%	±1%	±1%	±1%
	Ripple & Noise (max)	50mV	50mV	70mV	100mV	100mV	150mV	150mV	200mV	250mV
	Efficiency (typ)	68%	70%	74%	76%	76%	77%	78%	78%	80%
Max. Output Power		30W	35W	35W	36W	36W	36W	36W	35W	36W
Output Voltage adjustment range		±10% of rated output voltage								
INPUT	Voltage	85 ~ 264 VAC / 120 ~ 375VDC Universal full range								
	Frequency	47 ~ 63 Hz								
	Current	1A max at 100VAC input, full load condition								
	Inrush Current	< 30A@115VAC / < 50A@230VAC input, full load condition. Cold start at 25°C ambient								
	Leakage Current	< 1mA@240VAC input								
	P.F.C.	-								
PROTECTION	Overload	Over 105% ~ 180% of rating, recovers automatically after fault has been removed								
	Over Voltage	3.8-4.6V	5.8-7V	8.6-10.5V	13.8-17.5V	17.3-21V	20.7-25.2V	27.6-33.6V	32.2-39.2V	55.2-67.2V
	Over Temp.	-								
	Short Circuit	Shutdown, recovers automatically after fault has been removed								
OTHERS	Setup time	< 800ms@230VAC / < 2s@115VAC								
	Rise time	< 20ms@230VAC								
	Holdup time	> 40ms@230VAC								
	Cooling	Natural Cooling								
	Withstand Voltage	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, O/P-FG:0.5KVAC / 1 minute								
	Green Mode Function	When load = 0A the input dissipation is below 0.75W								
DIN- Rail fitting		Optional (with fitting for DIN- Rail) { see SPS035DR }								
Switching Frequency		50KHz (fixed)								
Environment	Temperature	Operating: 0 ~ 70°C / Derating: 45 ~ 70°C : 3%/°C / Storage: -10 ~ 75°C								
	Humidity	Operating: 20% ~ 85% RH / Storage: 10% ~ 95% RH (non condensing)								
M.T.B.F.		> 313K hours (according to MIL-HDBK-217F at 25°C environment)								
SAFETY		Approved: UL 1950 / CSA C22.2 No.950-95 / TÜV EN60950 / IEC 60950 / EMKO-TSE (74-SEC)207/94								
EMC	EMI	FCC CFR 47 Part 15 Class B / EN 50081-1 / CNS 13438 Class B								
	EMS	EN 50082-1 (1997)								
WEIGHT		N.W.: 0.35 kg								



Single



Dual

All measurements in millimeters [mm]

Terminal Block: Single: 5p Dual: 6p

Pitch: Single: 9.5mm Dual: 8.25mm