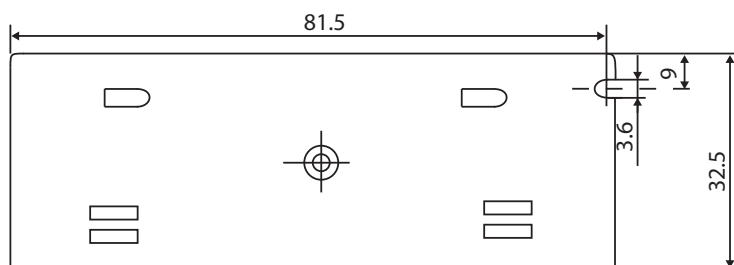
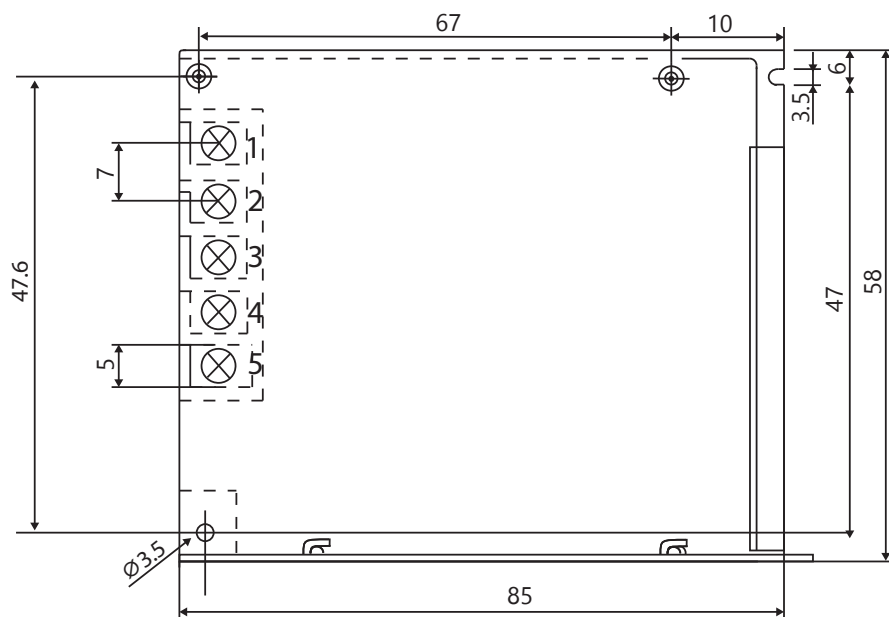



Features :

- Universal AC Input / Full range
- Protection : Short circuit/Overload/Over Voltage
- Cooling by free air convection
- LED indicator for power on
- Low Cost
- 1 year warranty

MODEL		LS-25-12	LS-25-24
OUTPUT	DC VOLTAGE	12V	24V
	RATED CURRENT	2.1A	1A
	RIPPLE & NOISE	110 mVp-p	100 mVp-p
	VOLTAGE ADJ. RANGE	± 10%	± 10%
	LINE REGULATION	± 0.5%	± 0.5%
	LOAD REGULATION	± 0.5%	± 0.5%
	SETUP, RISE, HOLD TIME	200ms, 50 ms, 20 ms	
INPUT	VOLTAGE RANGE	85-264 VAC 120-370 VDC	
	FREQUENCY RANGE	47-63 Hz	
	EFFICIENCY	90%	92%
	INRUSH CURRENT	Cold Start Current 20A/115V, 40A/230VAC	
PROTECTION	OVERLOAD	105% - 135%	
		Protection type : hiccup mode, auto recovery	
ENVIRONMENT	WORKING TEMP.	-10°C ~ +60°C	
SAFETY	WITHSTAND VOLTAGE	I/P-O/P : 1.5 KVAC, I/P-FG : 1.5KVAC, O/P-FG : 0.5VAC, 1 minute	
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG : 500VDC/100MΩ	
OTHERS	DIMENSION	88 x 58 x 38 mm	
	WEIGHT	0.13 kg	

Mechanical Specification



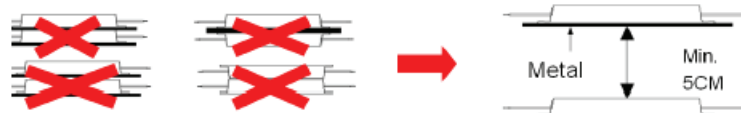
■ Terminal Pin No. Assignment

- Pin 1,2 : AC input
- Pin 3 : GND 
- Pin 4 : DC output-V
- Pin 5 : DC output+V

Always keep good ventilation as below indicated



NO wood or flammable surface mounting, keep min. 5CM for power supplies each other

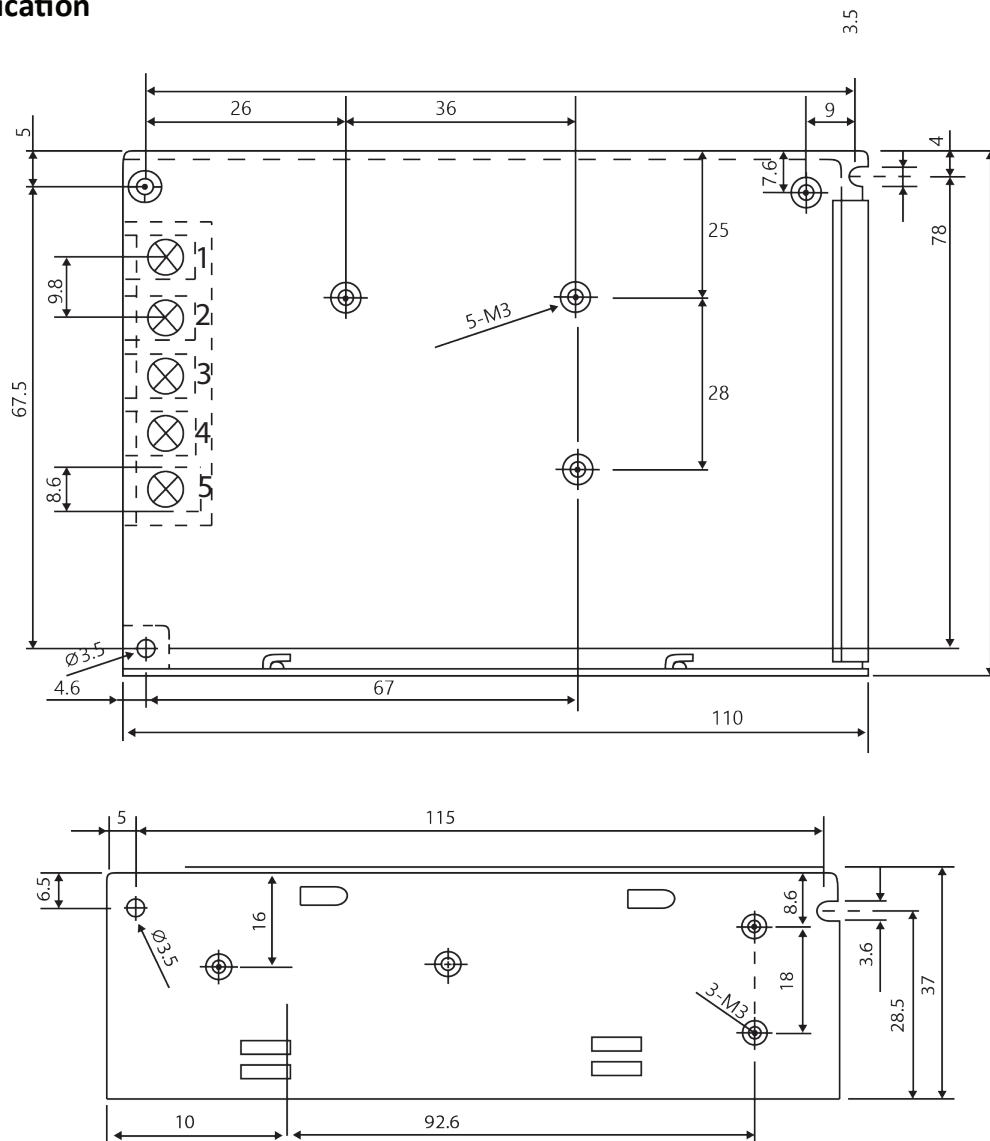



Features :

- Universal AC Input / Full range
- Protection : Short circuit/Overload/Over Voltage
- Cooling by free air convection
- LED indicator for power on
- Low Cost
- 1 year warranty

MODEL		LS-40-12	LS-40-24
OUTPUT	DC VOLTAGE	12V	24V
	RATED CURRENT	3.2A	1.7A
	RIPPLE & NOISE	80 mVp-p	120 mVp-p
	VOLTAGE ADJ. RANGE	± 10%	± 10%
	LINE REGULATION	± 0.5%	± 0.5%
	LOAD REGULATION	± 0.5%	± 0.5%
	SETUP, RISE, HOLD TIME	200ms, 50 ms, 20 ms	
INPUT	VOLTAGE RANGE	85-264 VAC 120-370 VDC	
	FREQUENCY RANGE	47-63 Hz	
	EFFICIENCY	85%	83%
	INRUSH CURRENT	Cold Start Current 20A/115V, 40A/230VAC	
PROTECTION	OVERLOAD	105% - 135%	
		Protection type : hiccup mode, auto recovery	
ENVIRONMENT	WORKING TEMP.	-10°C ~ +60°C	
SAFETY	WITHSTAND VOLTAGE	I/P-O/P : 1.5 KVAC, I/P-FG : 1.5KVAC, O/P-FG : 0.5VAC, 1 minute	
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG : 500VDC/100MΩ	
OTHERS	DIMENSION	110 x 78 x 30 mm	
	WEIGHT	0.22 kg	

Mechanical Specification



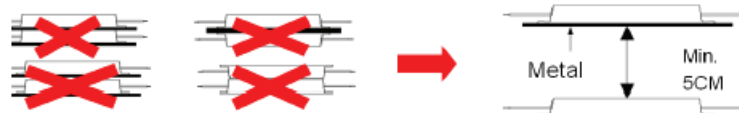
Terminal Pin No. Assignment

- Pin 1,2 : AC input
- Pin 3 : GND $\oplus$
- Pin 4 : DC output-V
- Pin 5 : DC output+V

Always keep good ventilation as below indicated



NO wood or flammable surface mounting, keep min. 5CM for power supplies each other

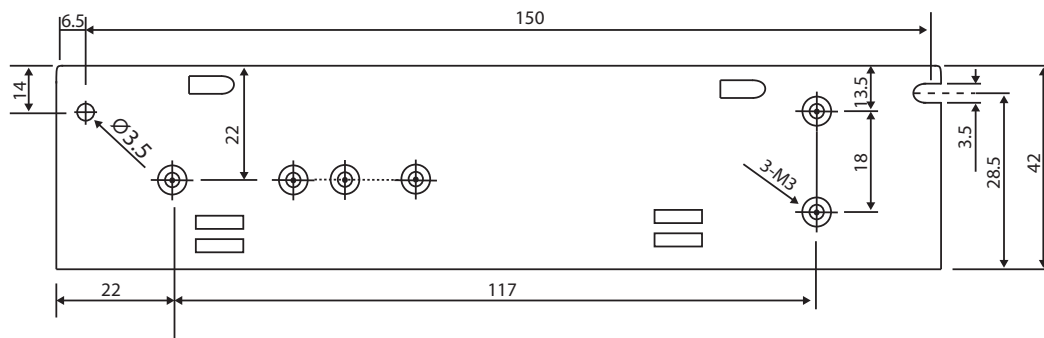
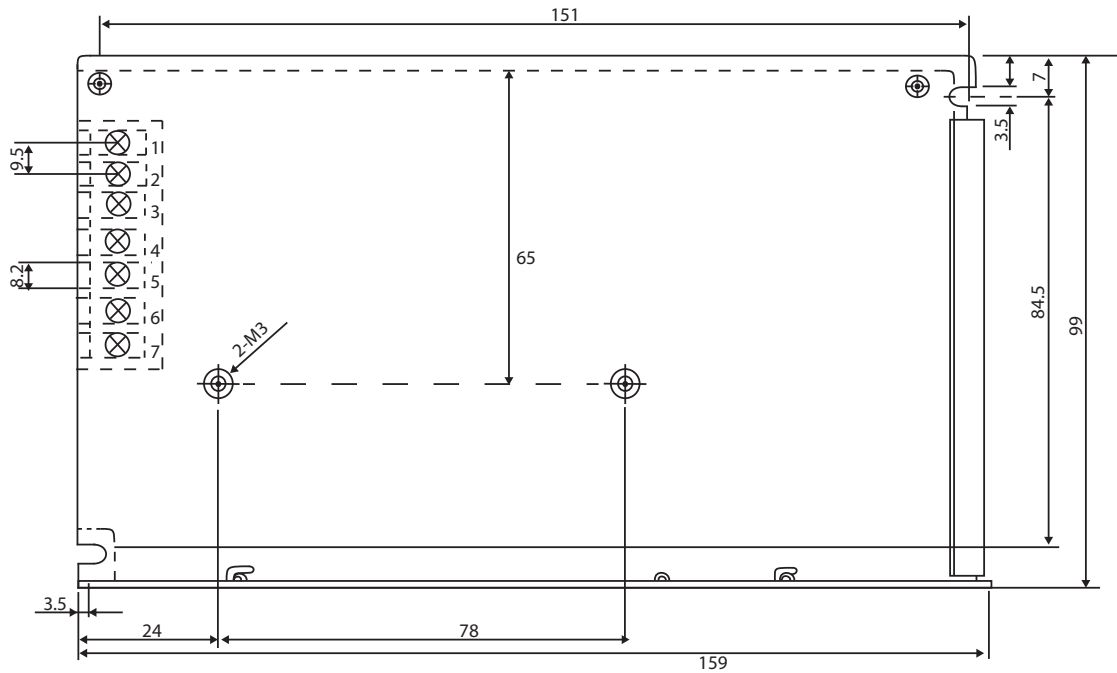



Features :

- Universal AC Input / Full range
- Protection : Short circuit/Overload/Over Voltage
- Cooling by free air convection
- LED indicator for power on
- Low Cost
- 1 year warranty

MODEL		LS-60-12	LS-60-24
OUTPUT	DC VOLTAGE	12V	24V
	RATED CURRENT	5A	2.5A
	RIPPLE & NOISE	50 mVp-p	50 mVp-p
	VOLTAGE ADJ. RANGE	± 10%	± 10%
	LINE REGULATION	± 0.5%	± 0.5%
	LOAD REGULATION	± 0.5%	± 0.5%
	SETUP, RISE, HOLD TIME	200ms, 50 ms, 20 ms	
INPUT	VOLTAGE RANGE	85-264 VAC 120-370 VDC	
	FREQUENCY RANGE	47-63 Hz	
	EFFICIENCY	83%	88%
	INRUSH CURRENT	Cold Start Current 20A/115V, 40A/230VAC	
PROTECTION	OVERLOAD	105% - 135%	
		Protection type : hiccup mode, auto recovery	
ENVIRONMENT	WORKING TEMP.	-10°C ~ +60°C	
SAFETY	WITHSTAND VOLTAGE	I/P-O/P : 1.5 KVAC, I/P-FG : 1.5KVAC, O/P-FG : 0.5VAC, 1 minute	
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG : 500VDC/100MΩ	
OTHERS	DIMENSION	158 x 97 x 42 mm	
	WEIGHT	0.33 kg	

Mechanical Specification



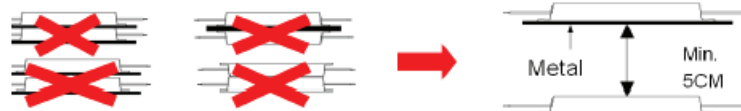
Terminal Pin No. Assignment

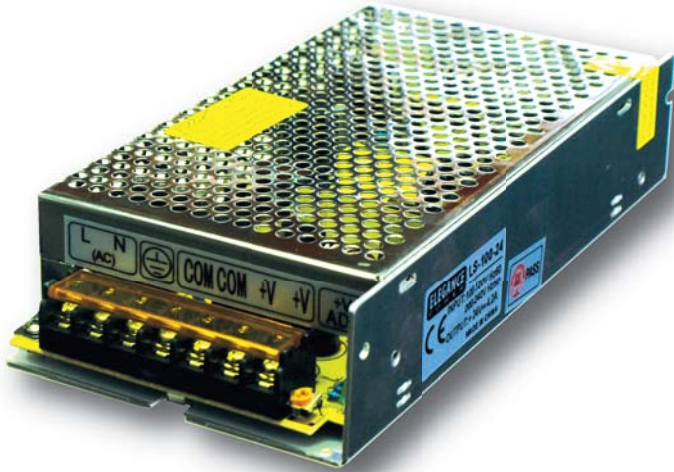
- Pin 1,2 : AC input
- Pin 3 : GND $\oplus$
- Pin 4,5 : DC output-V
- Pin 6,7 : DC output+V

Always keep good ventilation as below indicated



NO wood or flammable surface mounting, keep min. 5CM for power supplies each other

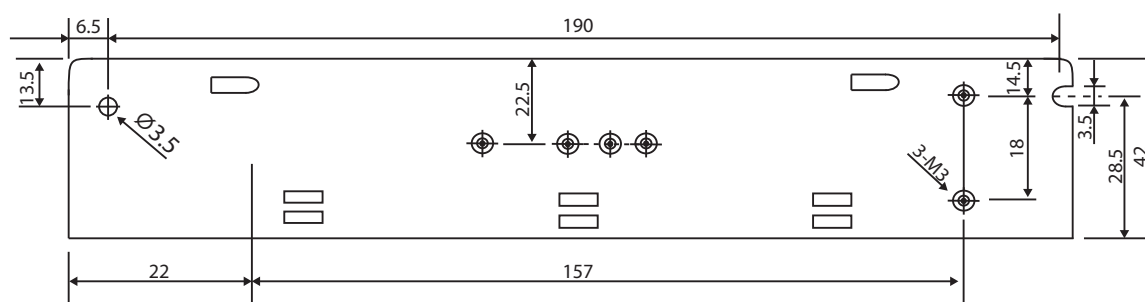
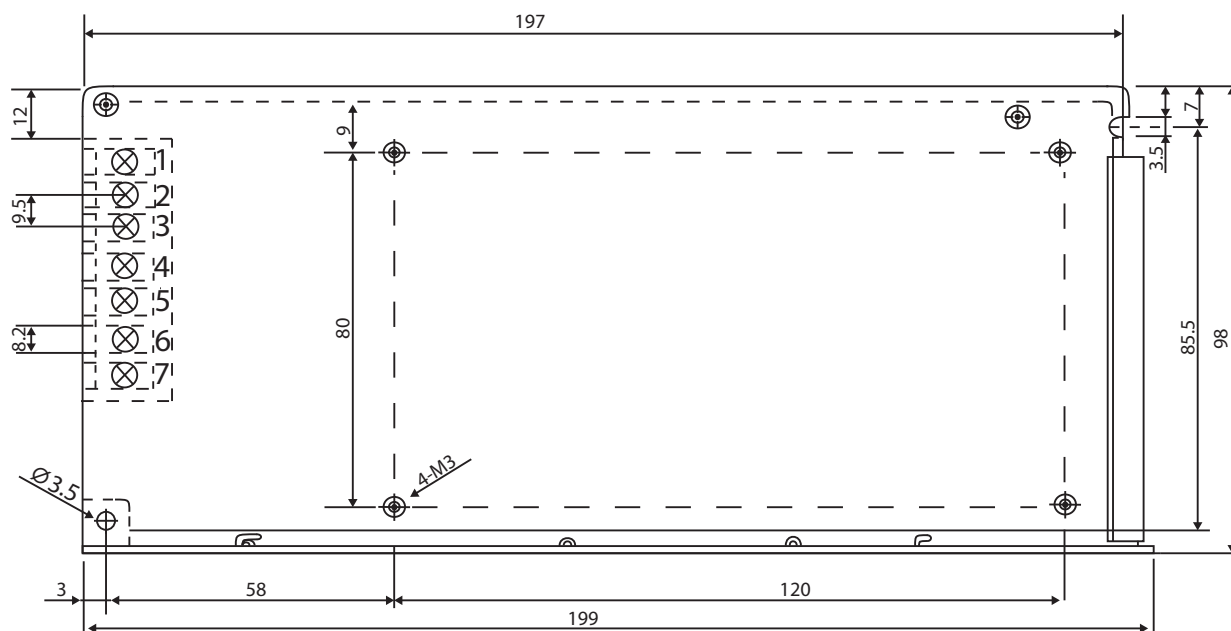



Features :

- AC Input 110/220 VAC Selectable by Switch
- Protection : Short circuit/Overload/Over Voltage
- Cooling by free air convection
- LED indicator for power on
- Low Cost
- 1 year warranty

MODEL		LS-100-12	LS-100-24
OUTPUT	DC VOLTAGE	12V	24V
	RATED CURRENT	8.5A	4.2A
	RIPPLE & NOISE	50 mVp-p	60 mVp-p
	VOLTAGE ADJ. RANGE	± 10%	± 10%
	LINE REGULATION	± 0.5%	± 0.5%
	LOAD REGULATION	± 0.5%	± 0.5%
	SETUP, RISE, HOLD TIME	200ms, 50 ms, 20 ms	
INPUT	VOLTAGE RANGE	85~132 VAC/170~264 VAC Selected by Switch	
	FREQUENCY RANGE	47-63 Hz	
	EFFICIENCY	95%	95%
	INRUSH CURRENT	Cold Start Current 20A/115V, 40A/230VAC	
PROTECTION	OVERLOAD	105% - 135%	
		Protection type : hiccup mode, auto recovery	
ENVIRONMENT	WORKING TEMP.	-10°C ~ +60°C	
SAFETY	WITHSTAND VOLTAGE	I/P-O/P : 1.5 KVAC, I/P-FG : 1.5KVAC, O/P-FG : 0.5VAC, 1 minute	
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG : 500VDC/100MΩ	
OTHERS	DIMENSION	199 x 97 x 42 mm	
	WEIGHT	0.49 kg	

Mechanical Specification

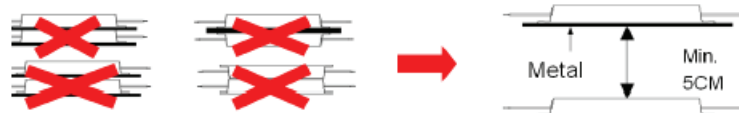


- Terminal Pin No. Assignment
- Pin 1,2 : AC input
- Pin 3 : GND 
- Pin 4,5 : DC output-V
- Pin 6,7 : DC output+V

Always keep good ventilation as below indicated



NO wood or flammable surface mounting, keep min. 5CM for power supplies each other

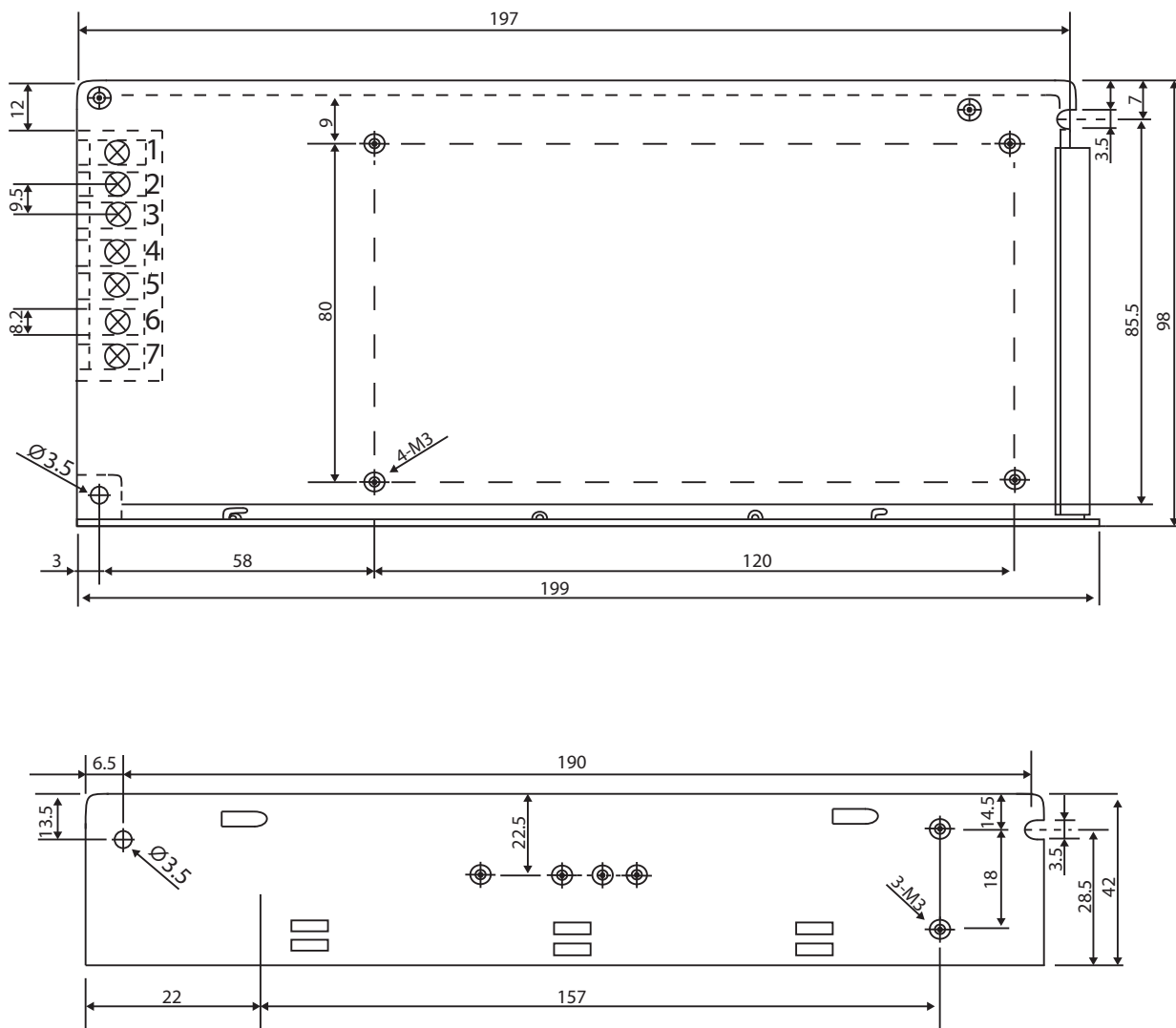



Features :

- AC Input 110/220 VAC Selectable by Switch
- Protection : Short circuit/Overload/
Over Voltage
- Cooling by free air convection
- LED indicator for power on
- Low Cost
- 1 year warranty

MODEL		LS-150-12	LS-150-24
OUTPUT	DC VOLTAGE	12V	24V
	RATED CURRENT	12.5A	6.25A
	RIPPLE & NOISE	100 mVp-p	100 mVp-p
	VOLTAGE ADJ. RANGE	± 10%	± 10%
	LINE REGULATION	± 0.5%	± 0.5%
	LOAD REGULATION	± 0.5%	± 0.5%
	SETUP, RISE, HOLD TIME	200ms, 50 ms, 20 ms	
INPUT	VOLTAGE RANGE	85~132 VAC/170~264 VAC Selected by Switch	
	FREQUENCY RANGE	47-63 Hz	
	EFFICIENCY	95%	95%
	INRUSH CURRENT	Cold Start Current 20A/115V, 40A/230VAC	
PROTECTION	OVERLOAD	105% - 135%	
		Protection type : hiccup mode, auto recovery	
ENVIRONMENT	WORKING TEMP.	-10°C ~ +60°C	
SAFETY	WITHSTAND VOLTAGE	I/P-O/P : 1.5 KVAC, I/P-FG : 1.5KVAC, O/P-FG : 0.5VAC, 1 minute	
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG : 500VDC/100MΩ	
OTHERS	DIMENSION	199 x 97 x 42 mm	
	WEIGHT	0.57 kg	

Mechanical Specification



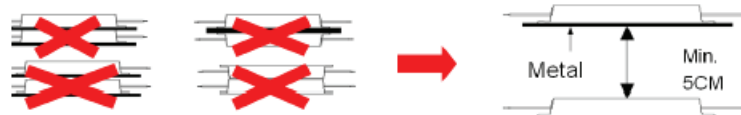
Terminal Pin No. Assignment

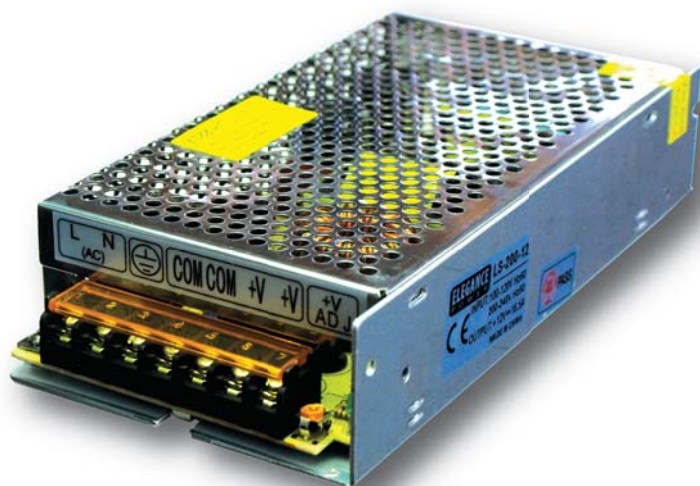
- Pin 1,2 : AC input
- Pin 3 : GND $\oplus$
- Pin 4,5 : DC output-V
- Pin 6,7 : DC output+V

Always keep good ventilation as below indicated



NO wood or flammable surface mounting, keep min. 5CM for power supplies each other



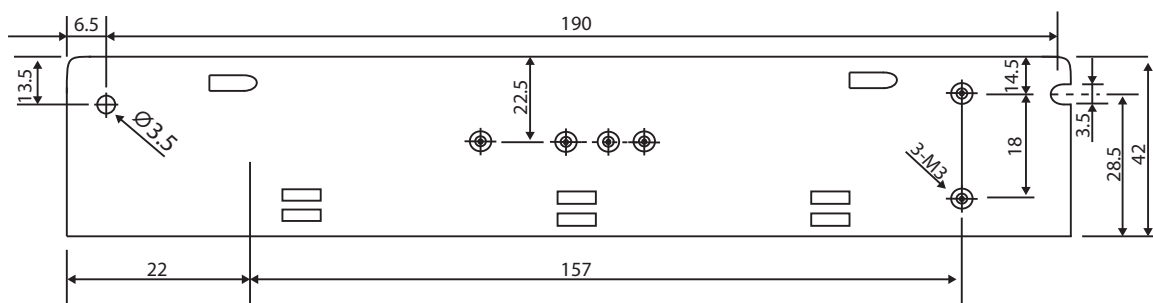
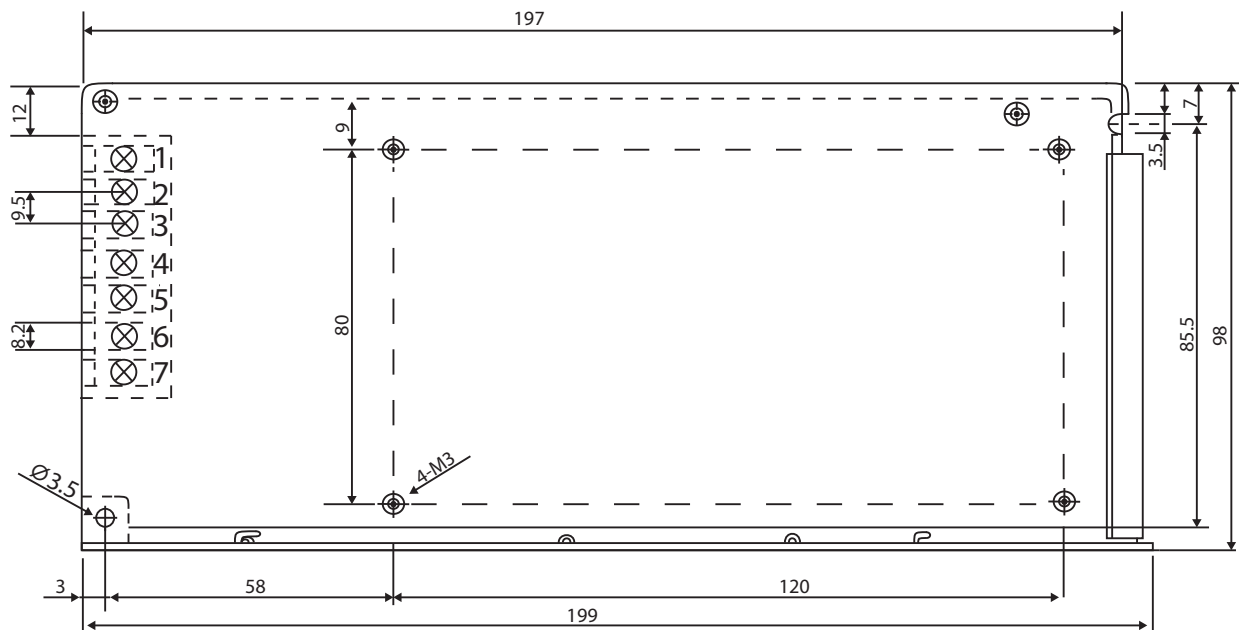


□ Features :

- AC Input 110/220 VAC Selecteable by Switch
- Protection : Short circuit/Overload/Over Voltage
- Cooling by free air convection
- LED indicator for power on
- Low Cost
- 1 year warranty

MODEL		LS-200-12	LS-200-24
OUTPUT	DC VOLTAGE	12V	24V
	RATED CURRENT	16.5A	8.3A
	RIPPLE & NOISE	100 mVp-p	90 mVp-p
	VOLTAGE ADJ. RANGE	± 10%	± 10%
	LINE REGULATION	± 0.5%	± 0.5%
	LOAD REGULATION	± 0.5%	± 0.5%
	SETUP, RISE, HOLD TIME	200ms, 50 ms, 20 ms	
INPUT	VOLTAGE RANGE	85~132 VAC/170~264 VAC Selected by Switch	
	FREQUENCY RANGE	47-63 Hz	
	EFFICIENCY	93%	95%
	INRUSH CURRENT	Cold Start Current 20A/115V, 40A/230VAC	
PROTECTION	OVERLOAD	105% - 135%	
		Protection type : hiccup mode, auto recovery	
ENVIRONMENT	WORKING TEMP.	-10°C ~ +60°C	
SAFETY	WITHSTAND VOLTAGE	I/P-O/P : 1.5 KVAC, I/P-FG : 1.5KVAC, O/P-FG : 0.5VAC, 1 minute	
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG : 500VDC/100MΩ	
OTHERS	DIMENSION	199 x 97 x 42 mm	
	WEIGHT	0.6 kg	

Mechanical Specification



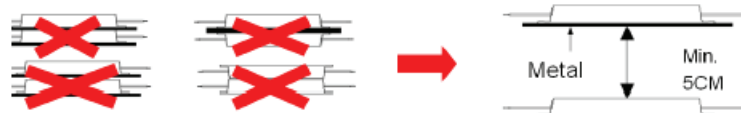
Terminal Pin No. Assignment

- Pin 1,2 : AC input
- Pin 3 : GND $\oplus$
- Pin 4,5 : DC output-V
- Pin 6,7 : DC output+V

Always keep good ventilation as below indicated



NO wood or flammable surface mounting, keep min. 5CM for power supplies each other

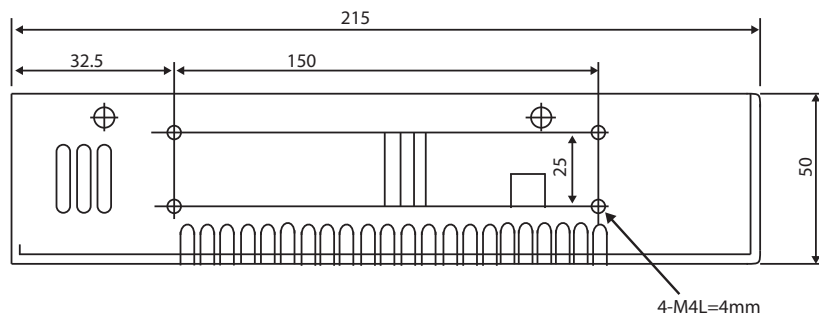
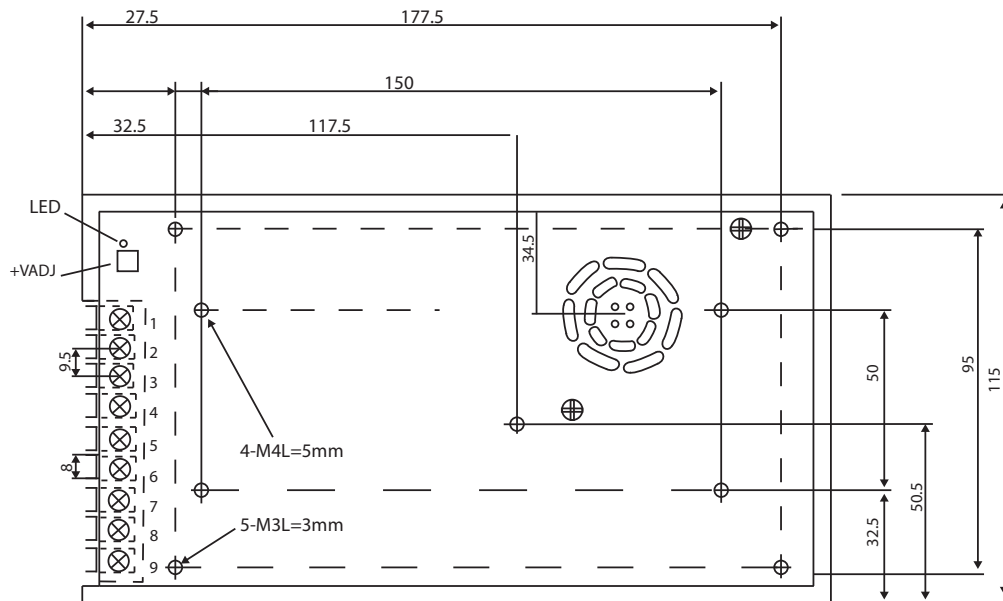



Features :

- AC Input 110/220 VAC Selecteable by Switch
- Protection : Short circuit/Overload/Over Voltage
- Force air cooling by built-in DC fan
- LED indicator for power on
- Low Cost
- 1 year warranty

MODEL		LS-350-12	LS-350-24
OUTPUT	DC VOLTAGE	12V	24V
	RATED CURRENT	29A	14.6A
	RIPPLE & NOISE	150 mVp-p	150 mVp-p
	VOLTAGE ADJ. RANGE	± 10%	± 10%
	LINE REGULATION	± 0.5%	± 0.5%
	LOAD REGULATION	± 0.5%	± 0.5%
	SETUP, RISE, HOLD TIME	200ms, 50 ms, 20 ms	
INPUT	VOLTAGE RANGE	85~132 VAC/170~264 VAC Selected by Switch	
	FREQUENCY RANGE	47-63 Hz	
	EFFICIENCY	85%	88%
	INRUSH CURRENT	Cold Start Current 20A/115V, 40A/230VAC	
PROTECTION	OVERLOAD	105% - 135%	
		Protection type : hiccup mode, auto recovery	
ENVIRONMENT	WORKING TEMP.	-10°C ~ +60°C	
SAFETY	WITHSTAND VOLTAGE	I/P-O/P : 1.5 KVAC, I/P-FG : 1.5KVAC, O/P-FG : 0.5VAC, 1 minute	
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG : 500VDC/100MΩ	
OTHERS	DIMENSION	215 x 112 x 50 mm	
	WEIGHT	0.89 kg	

Mechanical Specification



Terminal Pin No. Assignment

- Pin 8,9 : AC input
- Pin 7 : GND $\oplus$
- Pin 4,5,6 : DC output-V
- Pin 1,2,3 : DC output+V

Always keep good ventilation as below indicated



NO wood or flammable surface mounting, keep min. 5CM for power supplies each other

