



INDUSTRIAL POWER SUPPLY FIT LINE

*It offers protection against overloads and short circuits;
To be fixed on DIN Rail;*

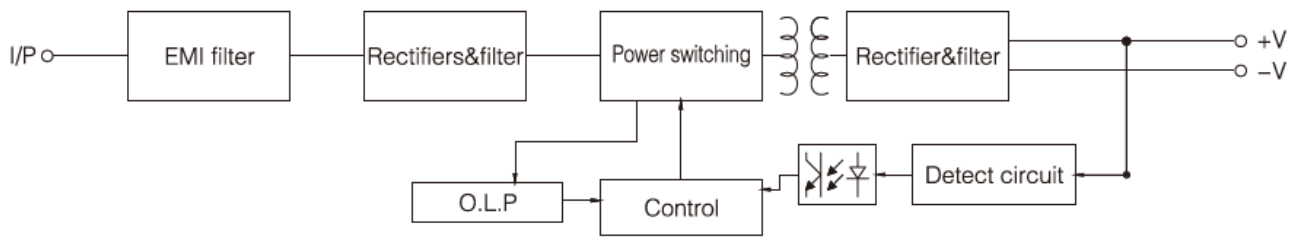
APPLICATION

- Universal AC input/ full range
- Small volume, low weight, high efficiency
- Protections: short circuit/over load/over voltage
- Cooling by free air convection
- Can be installed on DIN rail: TS-35/7.5 or TS-35/15
- 100% full load burn-in test
- 1 year guarantee

TECHNICAL SPECIFICATION

Output	DC Voltage	24V
	Voltage tolerance	± 1%
	Rated Current	2.5A
	Current Range	0 ~ 2.5A
	Rated Power	60W
	Ripple and Noise	150 m Vp-p
	DC Voltage ADJ. Range	± 10%
	Setup, Rise, HoldUp Time	800ms, 60ms, 22ms/230VAC
Input	Voltage Range	90 ~ 264VAC 47 ~ 63Hz, 127 ~ 373VDC
	AC Current	1.2N110VAC 0.65A/220VAC
	Efficiency	84%
	Inrush Current	Cold start 25N110VAC 50A/220VAC
	Leakage Current	< 1mN240VAC
Protection	Overload	Rated output power 105% ~ 150% Start overload protection Protection type: hiccup mode, auto-recovery after fault condition is removed
	Overvoltage	30.8 ~ 33.8V Protection type: Shut off o/p voltage, clamping by Zener diode
Environment	Working temp, humidity	-20°C ~ +50°C; 20% ~ 90%RH (Please refer to "derating curve")
	Storage temp, humidity	-40°C ~ +85°C; 10% ~ 95%RH Non-condensing
Safety	Withstand vibration	10 ~ 500Hz, 5G 10min. /1 Cycle, Period for 60min, each axis
	Withstand voltage	I/P-O/P: 1.5KVAC
	Isolation resistance	I/P-O/P: 1 DOM Ohms/500VDC
Fit Standard	Safety Standard	Compliance to UL 62368-1, TUV 62368-1, EN 62368-1
	EMC Standard	Compliance to EN 55032, CLASS A
Others	Dimension (W x H x D)	78 x 93 x 56mm
	Packing	0.30kg

BLOCK DIAGRAM

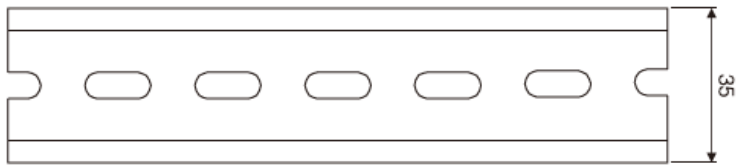


DIMENSIONS

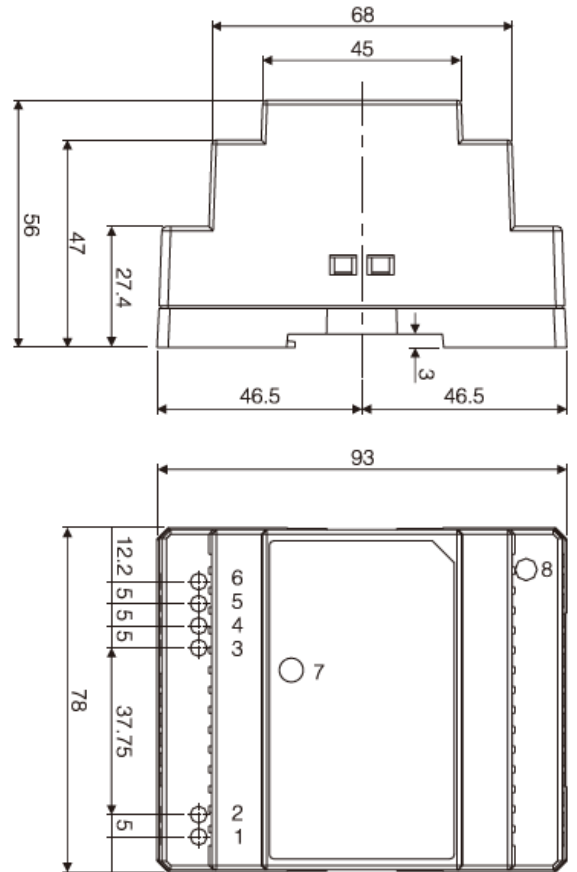
Unit:mm

Terminal Pin No.Assignment

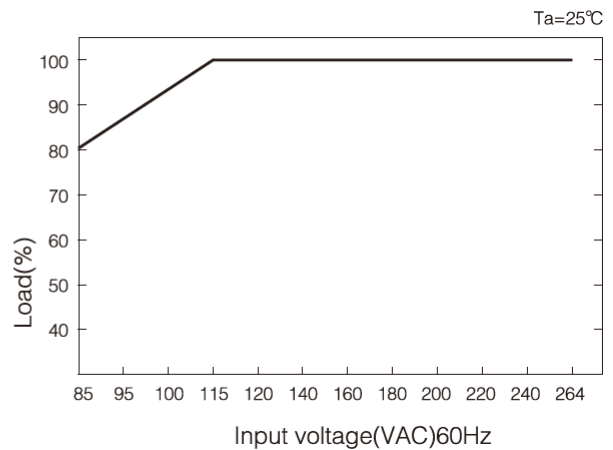
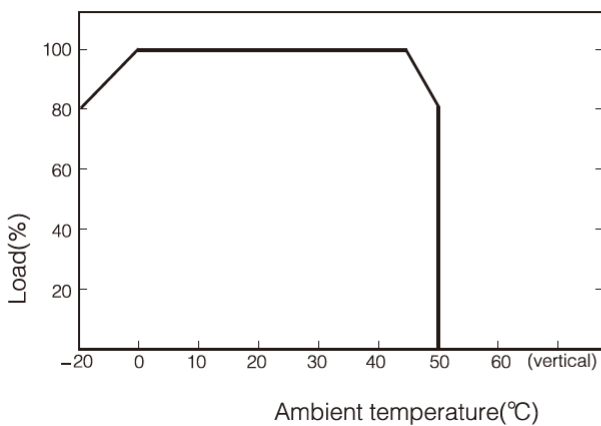
Pin NO.	Assignment	Pin NO.	Assignment
1	AC/L	5,6	+V
2	AC/N	7	LED
3,4	-V	8	+V ADJ.



install DIN rail:TS35/7.5 or TS35/15



DERATING CURVE & STATIC CHARACTERISTICS (24V)



ATTENTION TO GUARANTEE!



Trained and authorized personnel to minimize hazards to oneself and others should perform *installation and maintenance*.



It is installer's responsibility to **comply with regulations** applied to the installation, as well as follow the instructions of this guide.



Use only **components and fixing elements provided by ALGcom**.



Perform at least one *annual installation inspection* to verify the equipment conditions.



DO YOU USE A BATTERY BANK?

Use the ALGcom outdoor enclosures with space reserved for batteries.



+55 54 3201.1903 | algcom@algcom.com.br

Ernesto Zanrosso, 3440 | Caxias do Sul - RS | Brazil | www.algcom.com.br

