

15 Watt Triac Dimmable LED Driver



Features:

- Constant voltage/ PWM Output
- Leading edge dimmable
- AC input: 180-240VAC
- Efficiency up to 80%
- Protections: Short circuit/Over loading/ Over current
- Full protection plastic housing easy installation
- IP20 design for indoor installation
- Cooling by free air convection
- Suitable for LED lighting and moving signs



RND 500-00025

RND 500-00026

Output Specifications

Output Voltage	12V	24V
Voltage Tolerance	$\pm 0.5V$	
Output Current	1.25A	0.62A
Rated Power	15W	

Input Specifications

Input Voltage	180-240VAC	
Frequency Range	47-63Hz	
Inrush Current	26A (Twidth=180 μ s 230VAC)	
Full Load Efficiency (Typ.)	78%	80%
AC Current (Max.)	0.17A	
Leakage Current	<0.50mA	
Power Factor	PF>0.65/180VAC PF>0.65/230VAC PF>0.65/240VAC (Full Loading)	

Protection

Short Circuit	Hiccup mode, recovers automatically after fault condition is removed
Over Loading	$\leq 120\%$
Over Current	$\leq 1.2 \cdot I_{out}$

Environment

Working Temperature	-40~+70°C
Working Humidity	20-90% RH, non-condensing
Storage Temperature, Humidity	-40~+80°C, 10-95% RH
Temperature Coefficient	$\pm 0.03\%/^{\circ}C$ (0-50°C)

Art. Nr. 302-94-935 & 302-94-936
RND 500-00025 & RND 500-00026

15 Watt Triac Dimmable LED Driver



Environment

Vibration 10-500Hz, 2G 10min./ 1 cycle, period for 72min.each along X, Y, Z axes

Safety

Safety standards EN61347-1

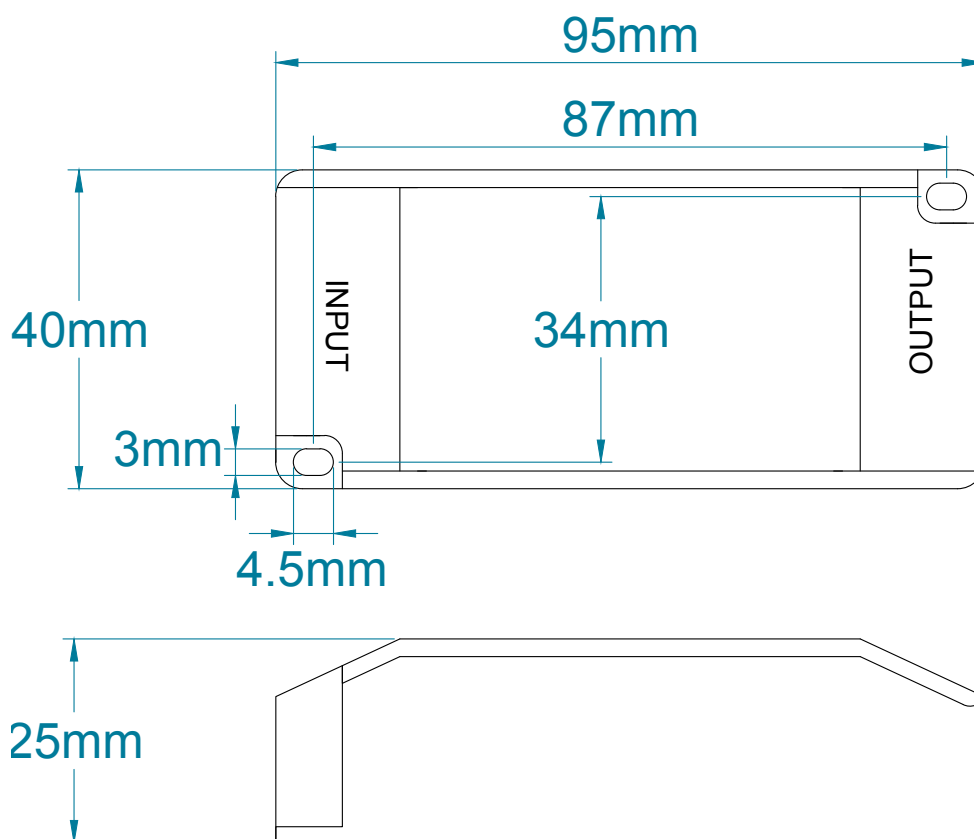
Other Specifications

Weight 0.2 Kg

Size 95 x 40 x 25 mm

Packing 105 x 43 x 30 mm (inner box), 370 x 230 x 160 mm (100PCS/CTN)

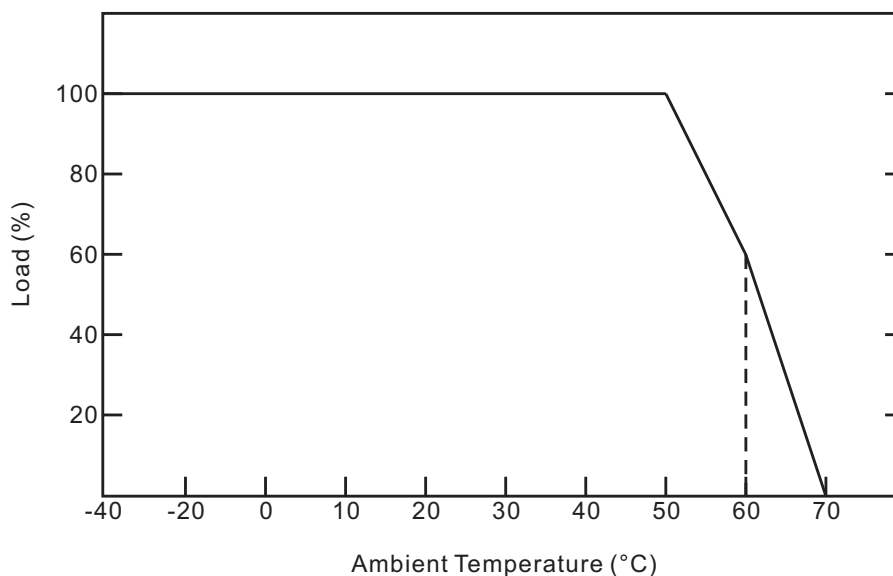
Mechanical Specifications



15 Watt Triac Dimmable LED Driver



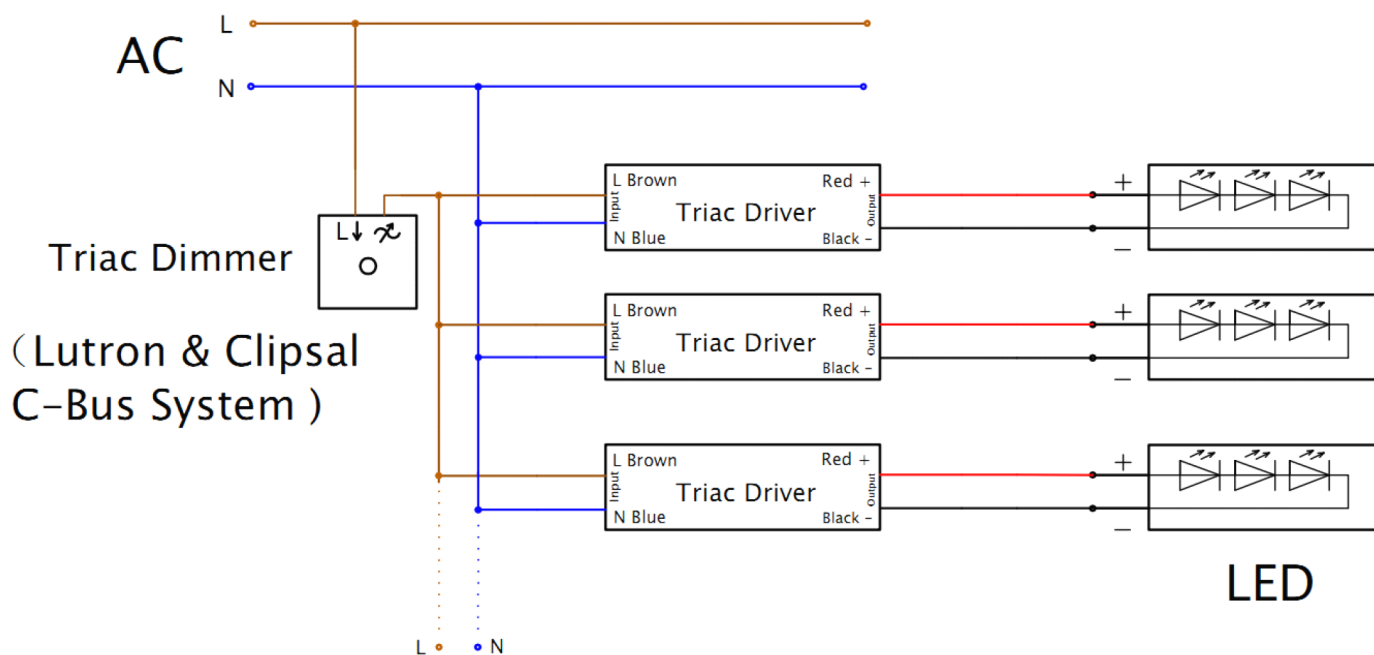
Derating Curve



Dimming Operation

- Compatible with Leading edge dimmers.
- Please use dimmers with power ratings at least 2 times the power rating of the LED Driver.

Connecting Diagram



15 Watt Triac Dimmable LED Driver



Connecting Diagram

