12VDC 500mA (6W)

Constant Voltage Miniature LED Driver

Supplied with panel mount dimmer



- Constant voltage design with short circuit & over temperature protection
- Universal 100-240vac input voltage
- Class II design 2 Pin input via screw terminals
- High efficiency
- Approved to safety standards – UL, CE, UKCA, ROHS
- Miniature design – measures just 50 x 42 x 21mm
- Supplied complete with panel mount touch dimmer / on off switch - see page 3

The Tiger Power range of LED drivers are highly reliable and meet latest safety and energy efficiency legislation. The TGR-12V-6W-B provides a 12vdc constant voltage output at up to 500mA (6W) suitable for a wide range of applications including LED strip lighting.

Part number (no mains cable included):	TGR-12V-6W-B-TOUCH-DIM-BL
Part number for just the panel dimmer	TGR-TOUCH-DIM-BL
Input voltage:	100-240vac (90-264vac max.)
Input frequency:	47 - 63Hz
Output voltage:	12vdc
Current:	0.5A
Power :	6 Watts
Protection:	Short Circuit, Over Temperature Protection
Dimensions:	50 x 42 x 21mm
Weight:	50g
AC cord length (where supplied):	1.8 to 2 metres (depending on version)
Input connector:	Screw Terminals
DC connector:	Screw Terminals
Polarity:	+ve (positive) centre
Efficiency:	90%
Input current RMS Max.:	2.0A
Inrush Current at 230vac:	120A max. at 220vac cold start, max. load
Load regulation:	+ / - 5%
Safety approval:	CE, UL
M.T.B.F:	100,000 hours (MIL-HDBK-217F) at 25 degrees C
Operating temperature:	0°C to + 40°C

TIGER POWER PRODUCTS – QUALITY & RELIABILITY

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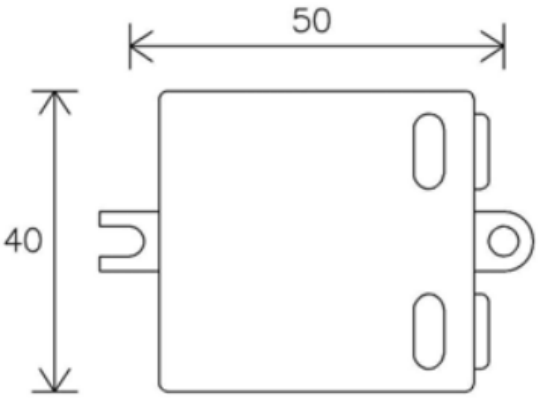
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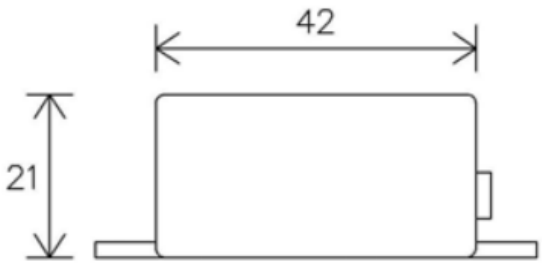
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Constant Voltage Miniature

LED Driver







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How to operate the supplied panel mount Dimmer / On Off switch

PART: TGR-TOUCH-DIM-BL

The included panel mounting dimmer switch illuminates Blue when switched on. It can control the brightness level of your single colour LED strip by touching and holding your finger in place, or turn the LED strip on and off with a simple tap



APPLICATION

Can be recessed installation and easy to control led strips





LED DIMMER DIMENSION



Due to the tolerance of the measurement, the data can very up ±1mm

Product Parameters

Product Name	Touch Led Dimmer
Size	Switch Diameter 16mm
Operating Voltage	DC12-24V
Max Load Current	6A
Output Channel	1 Channel

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