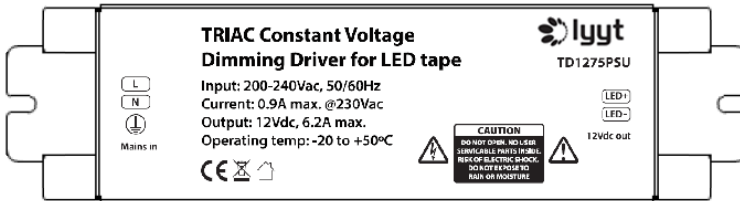


TD1275PSU

TRIAC Dimmable 12V LED Driver

Item ref: 153.773UK

User Manual





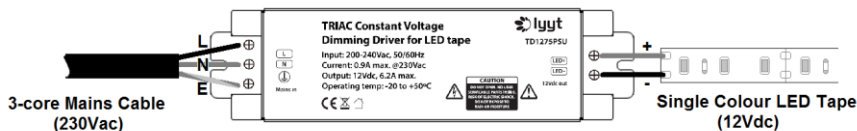
Caution: Please read this manual carefully before operating
Damage caused by misuse is not covered by the warranty

Introduction

The TD1275PSU is a 12Vdc power supply designed to power single colour LED tape and strip with the added function of being able to control the light output when connected to mains power via a standard TRIAC dimmer (leading edge type). This enables the LED tape or strip to be smoothly dimmed or brightened in the same way other light fittings can using the same mains control method. The TD1275PSU can otherwise just be used as a normal 12Vdc driver.

Setting up

- Connect mains 200-240Vac to the "Mains In" terminals via a TRIAC dimmer or direct.
NOTE: THIS LED DRIVER MUST BE EARTHED.
- Connect 12V single colour LED tape to the "12Vdc Out" terminals
Note: the connections may be soldered directly to tape or via a connector.
Ensure correct polarity and connect tape which will draw no more than 75W (6.25A)



For longer runs of tape, an LED amplifier/repeater can be used to deliver power to extensions. Where an LED amplifier/repeater has 3 channels (for RGB tape), treat each channel as one single colour output.

Specifications

Power supply	200-240Vac, 50/60Hz
Current consumption	900mA max @ 230Vac
Connections	Screw terminal
Dimming control	TRIAC mains input, PWM 12Vdc output
Output voltage	12Vdc
Output power	75W max.
Output current	6.2A max.
Operating temperature range	-20 to +50°C
Dimensions	203 x 52 x 33mm
Weight	350g



Disposal: The "Crossed Wheelie Bin" symbol on the product means that the product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

*Errors and omissions excepted.
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