

# DESKTOP - 24vdc 2.7A (65W)



## LED PWM Touch Dimmer ON/OFF switch

### TIGER PART: TP1030-DIM

#### Features:

- Constant voltage power supply with PWM Dimmer ON/OFF switch
- Featuring over voltage, short circuit & OC protections
- Universal 100-240vac input voltage
- 3 Pin C14 input (Mains cable supplied separately)
- Approved to latest 62368-1 world safety standards including CE & UL
- Meets new UKCA UK safety legislation



The Tiger Power range of switch mode power supplies feature full safety approvals and meet latest level VI energy efficiency requirements. The TP1030 24vdc 2.7 amp model provides a reliable constant voltage output at up to 65 Watts continuous, suitable for a wide range of applications.

|                                                 |                                                           |
|-------------------------------------------------|-----------------------------------------------------------|
| Part number (no mains cable included):          | TP1030-DIM                                                |
| Part number (Supplied with separate UK cable) : | TP1030-DIM-UK (cable boxed separately)                    |
| Part number (European cable):                   | TP1030-DIM-EU (cable boxed separately)                    |
| Input voltage:                                  | 100-240vac (90-264vac max.)                               |
| Input frequency:                                | 47 - 63Hz                                                 |
| Output voltage:                                 | 27vdc                                                     |
| Current:                                        | 2.7A                                                      |
| Power :                                         | 65 Watts                                                  |
| Protection:                                     | Short Circuit, Over current protection                    |
| Dimensions:                                     | 120.3 x 50.3 x 33.5mm                                     |
| Weight:                                         | 220g                                                      |
| AC cord length (where supplied):                | 1.8 metres                                                |
| DC cord length:                                 | 1.5 metres + 25cm touch dimmer (175cm total)              |
| DC connector:                                   | 2.1 x 5.5 x 12mm (Female) Other options on request        |
| Polarity:                                       | +ve (positive) centre                                     |
| Efficiency:                                     | 88%                                                       |
| Input current RMS Max.:                         | 1.5A                                                      |
| Inrush Current at 230vac:                       | 80A max.                                                  |
| Load regulation:                                | + / - 5%                                                  |
| Safety approval:                                | 62368-1 including UL (USA), CE and C-Tick (Australia), CB |
| M.T.B.F:                                        | 50,000 hours                                              |
| Operating temperature:                          | 0°C to + 40°C                                             |

#### TIGER POWER PRODUCTS – QUALITY & RELIABILITY

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# TIGER Power Supplies

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### TIGER PART: TP1030-DIM

Features:

TP1030-DIM (this is made up of our TP1030 power supply (24vdc 2.7A 65W) fitted with out TGR-TOUCH-DIM touch sensitive dimmer switch. No mains lead is supplied so please buy the AC input cable separately



LED Strip lighting. The TP1030-DIM can be used to switch on/off and adjust the brightness level of any 24V constant voltage LEDs, including strip up to 2.7A (65 Watts)

Part EXT-CAB-B

2.1mm socket to 300mm red/black cable which is used here to connect the TP1030-DIM to the 24v LED strip

How to operate the Touch Dimmer:

1. Plug the TGR-TOUCH-DIM dimmer switch (rated 12v-24v 5A max.) into the TP1030 power supply
2. Plug a mains lead (not supplied) into to the power supply and switch on at the mains socket
3. You will see an on/off logo printed on the top surface of the TGR-TOUCH-DIM as pictured below
4. One short touch to turn on
5. Another short touch to turn off
6. After turning on, touch and hold to increase brightness
7. Touch and hold again to decrease brightness



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