

POWER SUPPLY STRTPL1000-DIN



Description :

This power supply has to be used in **strobe mode only**. The supply in continuous current limits the LEDs lighting drifts because of temperature and power supply purposes. The strobe mode allows the precise rise time establishment independently from the given transducer. The STRTPL1000-DIN are made to make it easier to use thanks to the possible adjustment of the output power on a standard power supply.

How to use it :

This power supply works from 7 to 28 VDC so that it can be used either in 12 VDC or in 24 VDC...

This power supply is **protected from polarization inversion (input/output)**, which prevents from destruction when wrongly plugged.

The **supply voltage must be higher than the LEDs voltage**.

Thanks to its NPN output, **coordination between the trigger of the camera and the light ignition can be set**. Thus, both the camera and the lights are working at the same time.

1 current channel adjustable from 350 mA; 700 mA to 1000 mA.

Caution : Power supply voltage must be higher than the LEDs voltage.

Common applications :

Every application that requires a power control.

Order reference :

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| Power supply 1 channel strobe in a rail din box | STRTPL1000-DIN |
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Order references in relation with the product :

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|---|-------------------------|
| Power supply 2 channels in a rail din box | SWRTPL1000-S-DIN |
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| | STRTPL1000-DIN | Comments |
|----------------------------------|------------------------|---------------|
| Electric specifications | | |
| Power supply | From 7 to 28 V | |
| Power consumption | 24W max | 0.5 W at rest |
| Working mode | 1 s | |
| Strobe mode voltage | From 5 V to 28 V | |
| Output power | 350 mA ,700mA ,1000 mA | |
| Strobe signal frequency | 40 Hz max | |
| Maximum rise time | 1700 µs | |
| Maximum fall time | 500 µs | |
| Power ripple in the LEDs | 15 % max | |
| Efficiency | 95 % max | |
| Intensity adjustment | Dip Switch | |
| Maximum duty cycle | 20 % max | |
| Mounting options | Standard rail din | |
| Included accessories | / | |
| Mechanical specifications | | |
| Dimensions | 85 x 60 x 34 mm | |
| Weight | 63 g | |
| Environment | | |
| Operating temperature | 0-40°C | |
| Storage temperature | 0-60°C | |
| IP class | IP20 (cover closed) | |
| Labels | RoHS - CE - DEEE | |

Other documents available online :

- Plug in and settle up documents