

**TDS20121**

**Universal Power Dimmer 230V (350W)**



This 350 W universal power dimmer is intended for DIN-rail mounting and is 1 module wide. This power dimmer is suited for dimming traditional lights, electronic transformers and LED lights. The dimmer has a 0-10V input signal and 230V 50Hz power unit (leading or trailing edge dimmed; set by dip switched on the power dimmer itself).

**APPLICATION**

Universal power dimmer for all traditional resistive, inductive and capacitive loads (dimnable LED lights).

**CHARACTERISTICS**

See documentation supplied with the interface.

**SETTINGS**

See documentation supplied with the interface.

**INSTALLATION**

**DIN-rail mounting**

1 module wide.

**Important installation remarks**

- ! Must be placed inside an electrical cabinet to avoid the risk of an electrical shock.
- ! Follow the safety standards from the local authorities to be compliant with all regulations.

**CONNECTIONS**

**Inputs**

0-10V.  
Screw terminals; max. 2,5mm<sup>2</sup> (AWG14).

**Outputs**

L+N 230 VAC ± 10 %, frequency 50 Hz.  
Screw terminals; max. 2,5mm<sup>2</sup> (AWG14).

- ! Minimum load: 5W

**POWER CONSUMPTION**

**Without load**

Max. 0,6W

**MAXIMUM POWER RATING**

Max. 350W

- ! Power de-rating applies above 40°C environment (see curve).

**DIMENSIONS**

18 W x 90 H x 66 D (mm)

**NET | GROSS WEIGHT**

0,07 kg | 0,095 kg

**PACKAGING CONTENT**

TDS20121 interface  
Documentation

**STORAGE**

**Temperature**

-20°C to +65°C

**Relative humidity**

15% to 85%

**IP PROTECTION RATE**

IP20

**OPERATING RANGE**

**Temperature**

See de-rating curve.

**Relative humidity**

30% to 70% at 25°C (non-condensing ambient)

**LIMITED WARRANTY**

4 years



**SCHEMATIC DRAWING**

