

TDS13221

POWER DIMMER 1x500VA DIN-rail – ECO series



ECO-series 0-10V power light dimmer 1 x 500VA output to dim resistive and dimmable electronic transformers.
DIN-rail mounting. For use on 230V/50Hz.

Not suitable for traditional copper coil transformers.
Please refer to the TELETASK 'PRO'- series (TDS13204 or TDS13212) for copper coil transformer control.

See also other important remarks below.

Application: Light dimmer with 0-10V control inputs.
E.g.: use on MICROS+ / TDS13608 / TDS13610 (0-10V mode) analog outputs.

Characteristics: 0-10V inputs (max. 12V); dimmer output 500VA. Type: leading edge control. The connected transformer should be loaded with minimum 60% of its nominal VA load.
The 0-10V inputs are isolated from the mains.

Suited for dimming resistive power loads (lights), including electronic transformers which are dimmable with leading edge control. Build-in glass fuse 20mm – 3,15Amp F/250V. Add an external general protection MCB of 10Amp maximum.

Minimum load (any case) 15VA. Not suitable for dimming wall sockets (no guaranteed minimum load in such case). Use without a load, can damage the unit.

Mains connection 250V/50Hz.

Settings: No

Installation: Standard DIN-rail.

Connections:	Signal input 0-10V	Screw terminals 2.5mm ² (14AWG)with common 0V connection.
	Power supply	Screw terminals 4mm ² (12AWG); The 'N'- connection is internal daisy chained from mains input to the output channel (see schematic drawing).

Power Consumption: Depends on the connected loads.

Dimensions: 53 W x 90 H x 58 D (mm)

Net | Gross weight: 0,180 |0,200 kg

IP protection rate: IP20

Schematic Drawing:

TDS 13221

Not suitable for
traditional transformers

