

TDS13224

POWER DIMMER 4x500VA DIN-rail – ECO series



ECO-series 0-10V power light dimmer 4 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:

4 x 0-10V inputs (max. 12V); 4 dimmer outputs 500VA each. Type: leading edge control (switches off when AC current crosses 0). The 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 4 x 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 2.5mm² (14AWG) with common 0V connection.

Power supply

Screw terminals 4mm² (12AWG); The 'N'- connection is internal daisy chained from mains input to the 4 channels (see schematic drawing).

Power Consumption:

Depends on the connected loads.

Dimensions:

159 W x 90 H x 58 D (mm)

Net | Gross weight:

0,520 | 0,615 kg

IP protection rate:

IP20

Schematic Drawing:

