



TDS13609

Dimmer interface 8 x 0-10V output

AUTOBUS dimmer output interface with 8 analog outputs 0-10V.
To control maximum 8 power dimmers with galvanically isolated 0-10V inputs.

APPLICATION

Dimmer output interface to control power dimmers for lighting control.
Can also be used for other 0-10V control. E.g. heating/cooling analog control.

CHARACTERISTICS

8 analog outputs 0-10V.
Max. cable length between dimmer 0-10V control output and the dimmer is 25m.
Load min. 50Kohm.
Output impedance (0-10V): 500Ω for each output

SETTINGS

Configuration

Via PROSOFT Suite (3.5 or higher). Compatible with older PROSOFT versions if configured as TDS13608.

AUTOBUS address

Via two rotary switches "Tens" & "units".

Jumpers

Terminating resistor (supplied with the interface). To be used when the interface is at the physical end of the AUTOBUS cable.

INSTALLATION

DIN-rail mounting

3 modules wide

Supply voltage

12V supplied by the AUTOBUS

! A minimum of 10,5V is required in order to ensure a normal operation.

CONNECTIONS

AUTOBUS

AUTOBUS connector set + patch cable (supplied with the interface).

Outputs

Screw terminals; max. 4mm² (solid) (AWG 12) or 2,5mm² (stranded) (AWG 14).

POWER CONSUMPTION

AUTOBUS

Max. 22 mA

DIMENSIONS

54 W x 90 H x 60 D (mm)

NET | GROSS WEIGHT

0,090 kg | 0,210 kg

PACKAGING CONTENT

TDS13609 interface
AUTOBUS connector set + terminating resistor
AUTOBUS Patch cable

STORAGE

Temperature

-20°C to +65°C

Relative humidity

15% to 85%

IP PROTECTION RATE

IP20

OPERATING RANGE

Temperature

0°C to +50°C max.

Relative humidity

5% to 80% at 25°C (no humidity/condense)

SCHEMATIC DRAWING

