



### 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. 4mm<sup>2</sup> (solid) (AWG 12) or 2,5mm<sup>2</sup> (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**

