

### TDS13512

### Relay interface 8x10A

Relay interface with eight single pole power relay contacts of 10A/265VAC for general purpose ON/OFF and pulse control.



#### APPLICATION

Relay interface 8x10A for ON/OFF and pulse control of the connected device. TDS13512 replaces the TDS13502.

#### CHARACTERISTICS

##### General

8 single pole, normal open contact relays.  
Switching power per relay output:

- $I_N = 10A/265VAC$  (60Amp inrush - 20ms)
- $I_{HI} = 60A$

Contact is always open when not powered via AUTOBUS.

##### Relay

Contact material	AgSnO <sub>2</sub>
Max. switching power	2500 VA
Max. switching current	10 A
Mechanical life	1 000 000
Test voltage	4000 V eff. (coil-contact)
Test voltage	1000 V eff. (open contact)

##### LED feedback

- Relay status (8x)
- Heartbeat

#### SETTINGS

##### Configuration

Via PROSOFT Suite (3.5.12 or higher).  
Compatible with older installations if configured in PROSOFT as TDS13502 or TDS13500.

##### AUTOBUS address

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

##### Jumpers

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

#### INSTALLATION

##### DIN-rail mounting

9 modules wide.

##### Supply voltage

12V supplied by the AUTOBUS (minimum 9V). Can be checked in PROSOFT diagnostics.

##### 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

##### AUTOBUS

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

##### Contacts

265 VAC max.  
Screw terminals; max. 4mm<sup>2</sup> (solid) (AWG12) or 2,5mm<sup>2</sup> (stranded) (AWG14).

! Must be protected with external (max.) 10A fuses.

#### POWER CONSUMPTION

##### AUTOBUS

Min. 20 mA (all relays OFF)  
Max. 145 mA (all relays ON)

#### DIMENSIONS

162 W x 90 H x 60 D (mm)

#### NET | GROSS WEIGHT

0,345 kg | 0,465 kg

#### PACKAGING CONTENT:

TDS13512 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

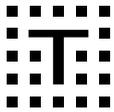
#### OPERATING RANGE

##### Temperature

0°C to +50°C max.

##### Relative humidity

5% to 80% at 25°C (non-condensing ambient)



**SCHEMATIC DRAWING**

