

**TDS13500**

**Relay interface 8x16A (with manual control)**



The TDS13500 is a 'zero power consumption' high contact rating output interface to be connected on AUTOBUS. Each output contact has a 16A/230V rating and is during communication disruption on AUTOBUS to be set manually.

**APPLICATION**

To be used when AUTOBUS connection or high power contacts are needed. The manual control of the output contacts makes this interface attractive to be used to control critical circuits (for example to control some basic light circuits in the house).

**CHARACTERISTICS**

**General**

8 single pole, normal open relays.  
Switching power per relay output:  
IN = 16A/230V (minimum load 5W)  
IHI = 100A (see appendix 1: Inrush Currents in the TELETAKS data sheet book)  
Full manual control available.  
The contacts remain in their position when power (on AUTOBUS) fails.

**Relay**

Contact material	AgCdO-AgNi
Max. switching power	4000 VA
Max. switching current	16 A
Mechanical life	10 000 000
Test voltage	4000 V eff. (coil-contact)
Test voltage	1000 V eff. (open contact)

**SETTINGS**

**Configuration**

With PROSOFT, from version 2.50

**AUTOBUS address**

Through rotary switches ROT1 + ROT2

**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**

9 modules wide

**CONNECTIONS**

**Central unit:**

AUTOBUS connector set + patch cable supplied with this unit

**Contacts**

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

**POWER CONSUMPTION**

75mA (all relays OFF = all relays ON)

**DIMENSIONS**

162 W x 90 H x 60 D (mm)

**GROSS WEIGHT**

0,560 kg

**PACKAGING CONTENT**

TDS13500 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

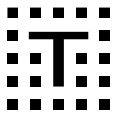
**OPERATING RANGE**

**Temperature**

0°C to +50°C max.

**Relative humidity**

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



**SCHEMATIC DRAWING**

**TDS 13500**

