

TDS13525

Motor interface DC (4x2A)



The DC motor interface is designed to control DC motors, often found in curtains, roof mounted sun blinds, small Venetian blinds, etc... The interface can control up to four DC motors with supply voltages from 12 and 24VDC. The interface is provided with short-circuit and overload protection.
Nominal motor current can be up to 2A per motor (8A/12-24V DC in total).

APPLICATION

Output interface to control low voltage DC motors with a supply voltage of 12 to 24VDC as used in electrical curtain systems, sun blinds, etc...

CHARACTERISTICS

4 motor outputs with a nominal load of up to 2A per motor.
Max. runtime = 250s.

SETTINGS

Programming:

Via PROSOFT, starting with version 2.75 Compatible with older PROSOFT versions (2.63 and up) if configured as TDS13524.

AUTOBUS address:

With 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

9 modules wide

CONNECTIONS

AUTOBUS:

AUTOBUS connector set + patch cable supplied with this unit

Motor power supply:

Depending on the motor voltage: 12-24V (30VDC max.) / 8Amp

Motor CONNECTIONS

+/- motor connection

POWER CONSUMPTION

Max. 252 mA; standby 20 mA

DIMENSIONS

162 W x 90 H x 60 D (mm)

GROSS WEIGHT

0,450 kg

PACKAGING CONTENT

TDS13525 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

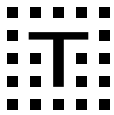
OPERATING RANGE

Temperature

0°C to +50°C max.

Relative humidity

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



SCHEMATIC DRAWING

