TELETASK
trendsetter in domotics

TDS13526 **Motor Interface AC (4x max. 350W)**

AC Motor interface on AUTOBUS to control AC motors to control curtains, shutters, sun blinds, etc… with or without slat control with real-time position feedback. Up to four AC motors can be connected. To reduce power consumption, the internal relays switch to a low power mode after they have changed their position. With the motor-RUN detection the interface checks if the motor has reached its end position. This enables run-time auto-correction. Integration with limit switches, sun- and wind protection can also be configured.

APPLICATION

Output interface to control 230 VAC motors of curtains, shutters, sun blinds , etc… (with or without slat control).

CHARACTERISTICS

General

4 motor controllers for 230 VAC motors.
Maximum load: 4 x 350W.
RUN detection (for motors without internal intelligence/driver circuit).
Can work as a TDS13524 for replacements.
Forced runtime calibration can be triggered via PROSOFT - diagnostics.
Max. runtime = 250s.
Switching the direction of rotation = 600ms

Position feedback

Real-time motor position can be visualised in % on the graphical user interfaces (iSGUI, GUI+, AURUS-OLED (V48 or higher), AURUS-TFT, …).

LED feedback

- Heartbeat
- 4x motor feedback (LED ON = motor power ON)

SETTINGS

Configuration

Via PROSOFT Suite (3.5.6 or higher).
Compatible with older PROSOFT versions if configured as TDS13524.

AUTOBUS address

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

Jumper

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

6 modules wide.

Supply voltage

12V (supplied by the AUTOBUS - minimum 9V).

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).

Motor power supply input

L+N 100-265 VAC / 6A max.
Screw terminals; max. 4mm² (solid) (AWG12) or 2,5mm² (stranded) (AWG14).

! Must be protected with external 6A circuit breakers.

Motor output (4x)

Common + left + right
Screw terminals; max. 4mm² (solid) (AWG12) or 2,5mm² (stranded) (AWG14).

POWER CONSUMPTION

AUTOBUS

Max. 140 mA

DIMENSIONS

108 W x 90 H x 60 D (mm)

NET | GROSS WEIGHT

0,235 kg |0,355 kg

PACKAGING CONTENT:

TDS13526 interface
AUTOBUS connector set + terminating resistor
AUTOBUS Patch cable

STORAGE

Temperature

-20°C to +65°C

Relative humidity
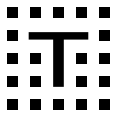
15% to 85%

IP PROTECTION RATE

IP20

OPERATING RANGE

Temperature

0°C to +50°C max.

Relative humidity

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

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AUTOBUS

Min. 9V

Terminator
Heart Beat LED

AUTOBUS
address

Tens

Units

LED Motor feedback
ON = Powered

TDS13526
Motor Interface AC

Motor 1   Motor 2   Motor 3   Motor 4

↶ ↷ N   L N   ↶ ↷ N   ↶ ↷ N   ↶ ↷ N

Max. 350W

N   M
    AC

2x fuse 6A

N
L   230V