TDS10202   **AUTOBUS Extension Interface**

The AUTOBUS Extension interface is to be used with the PALAS (MICROS+ and NANOS) central unit to extend the number of AUTOBUS connections from two to four (AUTOBUS 3 and 4).

By using this extension interface and for the highest reliability, AUTOBUS networks can be galvanically isolated from each other. In this case, additional AUTOBUS power supplies (TDS10132 or TDS10134) must be added.

APPLICATION

Extension of the number of AUTOBUS connections for the MICROS+ and NANOS central units.

CHARACTERISTICS

AUTOBUS

2x AUTOBUS. Both buses are galvanically sealed from the central unit and each other if powered by two separated 12V DC power supplies (available as option ref. TDS10132 or TDS10134).

SETTINGS

Configuration

Via PROSOFT Suite (3.0 or higher).

INSTALLATION

DIN-rail mounting

4 modules wide

Supply voltage

12V DC (from TDS10132 or TDS10134)

CONNECTIONS

AUTOBUS 3+4

Plug-in screw terminal (4 wires) per AUTOBUS connection (0V,+12V,Blue and White)

Power Supply

L+N 84-264VAC. Screw terminals; max. 4mm² (solid) (AWG 12) or 2,5mm² (stranded) (AWG 14).

AUTOBUS extension link

Via shielded RJ45/CAT5 cable. Supplied with the unit (2m).

! Max. allowed cable length: 2m

!

POWER CONSUMPTION

AUTOBUS

Max. 18 mA/channel

A-Link

Max. 18 mA/channel

DIMENSIONS

72 W x 90 H x 60 D (mm)

NET | GROSS WEIGHT

0,110 kg | 0,230 kg

PACKAGING CONTENT

TDS10202 interface
AUTOBUS extension cable 2m

STORAGE

Temperature

-20°C to +65°C
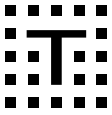
Relative humidity

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)

TELETASK
trendsetter in domotics

AUTOBUS 3

AUTOBUS 4

+12V
White
Blue
0V

+12V
White
Blue
0V

TDS10202
AUTOBUS Extension interface

0V 12V

TDS10134
or
TDS10132

L N

A-link to
central unit

Supplied with the interface
(2 meter)

+12V
0V

+12V
0V

Power for AUTOBUS 4

Power for AUTOBUS 3

From e.g.: TDS10134
or TDS10132

N
L