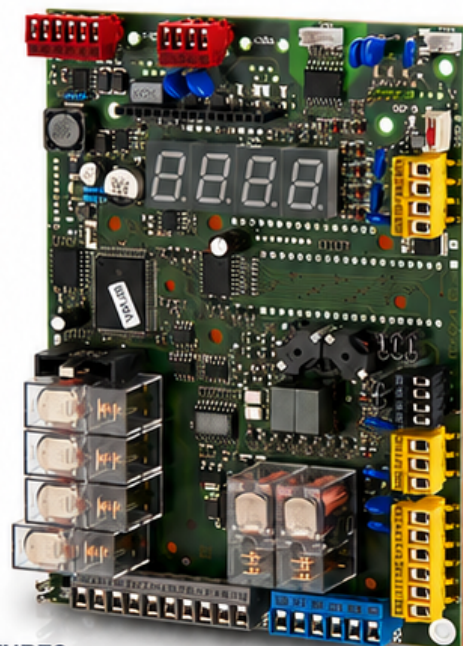


TST RFUxK-A

I/O EXTENSION BOARD FOR DOOR CONTROL UNITS WITH INTEGRATED FREQUENCY CONVERTER

The TST RFUxK-A I/O Extension Board expands the functionality of FEIG door control units with integrated frequency converter (FUZ). It provides additional interfaces, inputs, outputs and control functions for advanced door applications.



KEY FEATURES

- Offers additional CAN- and RS485 interface
- Pin connector for optional clear text display
- 2-channel induction loop detector
- 4-channel year time switch
- 6 inputs
- 4 potential relay outputs with NO contacts for traffic lights etc.
- 2 potential free relay outputs with change-over contacts for messages etc.
- 1x 24V test output for light grids or catchment protection

HOW IT WORKS



Extension board receives signals



Processes inputs and commands



Activates relay outputs / functions



Communicates with other devices



Controls door functions, indicators and safety

TYPICAL APPLICATIONS



Industrial board



Access control systems



Traffic light control



Vehicle detection systems



Alarm and messaging systems

TECHNICAL SPECIFICATIONS

Supply voltage	24 VDC (from FUx)
CAN interface	Yes
RS485 interface	Yes
Induction loop detector	2-channel
Year time switch	4-channel
Digital inputs	6 inputs
Relay outputs (NO)	4 x potential relay outputs
Relay outputs (change-over)	2 x potential free relay outputs
Test output	1 x 24 VDC (for light grids / catchment protection)
Display connection	Pin connector for optional clear text display
Operating temperature	-20 °C to +60 °C
Storage temperature	-40 °C to +85 °C

INTERFACES & CONNECTIONS



CAN interface



RS485 interface



Pin connector for optional clear text display



Holder for clock battery Type CR2032 / 3 V



24V / GND / PE from FUx

MASTER-SLAVE OPERATION



Via RS485 interface two control units can be connected together for synchronous mode or operation as a lock.

REMOTE DISPLAY / OPERATING UNIT



Via CAN interface the extension board may be operated as a remote display / operating unit. The controller can be mounted near the drive, while the display is installed next to the door.

KEYPAD / DIP SWITCH



Dip switch as jumper 1-2 = ON
Function varies depending on the settings of the parameters.

INSTALLATION



Mounting holes for spacer bolts for flexible installation options.