

TST RFUxFCOM

INTERFACE EXPANSION BOARD RS485 / CAN

The TST RFUxFCOM provides an additional RS485 and CAN interface for FEIG door control units. It enables master-slave communication, connection of I/O extension boards and PC access.



Mounted inside a FEIG controller.
Provides additional RS485 and CAN connectivity.



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.
- 1 x 24V test output for light grids or catchment protection

HOW IT WORKS



RFUxFCOM receives signals via inputs



Processes data and provides interfaces



CAN / RS485 communication with other devices



Enables advanced door control functions



Improves system flexibility and connectivity

TECHNICAL SPECIFICATIONS

Dimensions (L x W x H)	91 x 25.5 x 19 mm
Supply voltage	24 VDC +/- 20%
Connection	Plug-in terminal 4 pol. green, CAN Plug-in terminal 4 pol. yellow, RS485
Operating temperature	-20 °C to +50 °C
Storage temperature	-20 °C to +70 °C
Power consumption	21 mA
Enclosure rating	IP00
Weight	18 g (incl. terminal blocks)
Current capacity (24 VDC)	max. 800 mA

INTERFACES & CONNECTIONS



CAN interface
4-pin terminal (green)



RS485 interface
4-pin terminal (yellow)



Pin connector for optional clear text display



Supported by external 24 VDC supply

DIP SWITCH SETTINGS



S1 = ON
Pull Up / Pull Down
RS485



Functions and settings are configured via connected controller parameters.

MASTER-SLAVE OPERATION



Connect two controllers via RS485 interface for synchronous mode or lock operation.

REMOTE DISPLAY / OPERATING UNIT



Via CAN interface the expansion board can be used as a remote display / operating unit close to the door.

PC ACCESS



Allows a PC to access the controller via CAN or RS485 interface.

I/O EXPANSION



Connects with I/O extension board TST RFUxK for additional inputs and outputs.



Dispose of the product at the end of its life cycle in accordance with the applicable statutory provisions.

FEIG ELECTRONIC reserves the right to change specification without notice at any time.
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