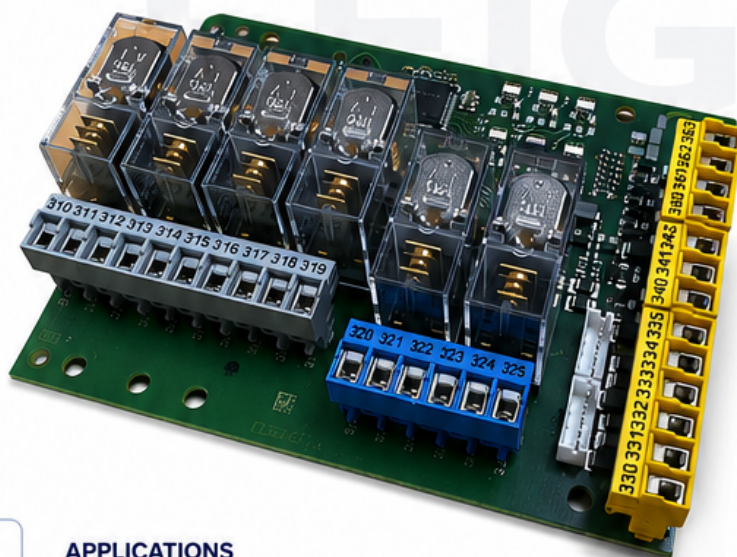


# TST-RFUXIO-E

## EXPANSION MODULE FOR TST FUX FAMILY

The TST-RFUXIO-E is an expansion module for the TST FUX family of door and barrier controllers. It provides additional relay outputs, digital inputs, and power supply for accessories.

- ✓ Additional relay outputs and digital inputs
- ✓ Integrated 24 V DC power supply output
- ✓ Plug-in module for easy installation
- ✓ Designed for use with TST FUX controllers
- ✓ Robust and reliable industrial design



### 10 RELAY OUTPUTS

5 potential-free changeover  
5 potential-free



### 6 DIGITAL INPUTS

24 V DC inputs  
Adjustable by controller



### 24 V DC OUTPUT

Power supply for accessories  
Max. 1.8 W



### PLUG-IN MODULE

Easy installation  
on expansion board  
of TST FUX

## APPLICATIONS



### Automatic barriers and gates

Additional control and safety functions



### Industrial and commercial doors

Extended I/O for door control systems



### Traffic management systems

Integration of lights and accessories

## TECHNICAL SPECIFICATIONS

|                           |                                                                                                                        |
|---------------------------|------------------------------------------------------------------------------------------------------------------------|
| Supply voltage            | 24 V DC $\pm 20\%$                                                                                                     |
| Power consumption         | max. 2 W (without load)                                                                                                |
| Current carrying capacity | max. 1.8 A                                                                                                             |
| 24 V DC output            | max. 1.8 W                                                                                                             |
| Relay outputs             | 5 x changeover contact (OUT 5 – OUT 8)<br>5 x normally open contact (OUT 9 – OUT 10)<br>max. 240 VAC / 3 A, min. 10 mA |
| Digital inputs            | 6 x 24 V DC<br>typ. 15 mA, max. 26 V DC / 20 mA                                                                        |
| Connection                | Screw terminals                                                                                                        |
| Cable size                | 0.2 – 2.5 mm <sup>2</sup> solid<br>0.25 – 1.5 mm <sup>2</sup> stranded with ferrule                                    |
| Tightening torque         | 0.35 – 0.4 Nm                                                                                                          |
| Temperature range         |                                                                                                                        |
| Operation                 | -20 °C to +65 °C                                                                                                       |
| Storage                   | -20 °C to +70 °C                                                                                                       |
| Protection class          | IP00                                                                                                                   |
| Dimensions (L x W x H)    | 112 x 83 x 30 mm                                                                                                       |
| Weight                    | approx. 150 g                                                                                                          |

## RELAY OUTPUTS

| Output         | Type          | Max. load                   |
|----------------|---------------|-----------------------------|
| OUT 5 – OUT 8  | Changeover    | 240 VAC / 3 A<br>min. 10 mA |
| OUT 9 – OUT 10 | Normally open | 240 VAC / 3 A<br>min. 10 mA |

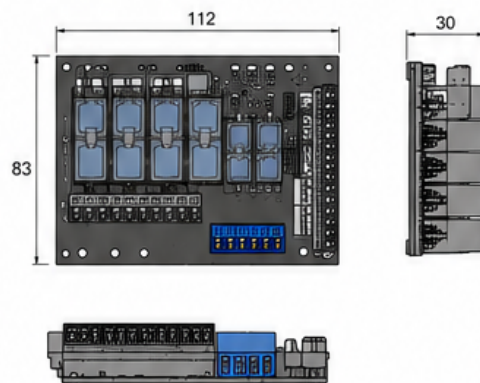
## DIGITAL INPUTS

|                     |                                               |
|---------------------|-----------------------------------------------|
| IN 24 – IN 26       | 24 V DC<br>typ. 15 mA<br>max. 26 V DC / 20 mA |
| IN 23, IN 24, IN 26 |                                               |

## TERMINAL ASSIGNMENT

| Relay Outputs              |                                |
|----------------------------|--------------------------------|
| Grey terminals (310 – 319) |                                |
| 310 – 314                  | OUT 5 – OUT 8 (changeover)     |
| 315 – 319                  | OUT 9 – OUT 10 (normally open) |
| Digital Inputs             |                                |
| Blue terminals (320 – 325) |                                |
| 320 – 325                  | IN 24 – IN 26                  |
| Power Supply               |                                |
| Yellow terminals           |                                |
| 330 – 335                  | 24 V DC (supply in)            |
| 340 – 343                  | 24 V DC (supply out)           |
| 350 – 363                  | Internal connections           |

## DIMENSIONS (mm)



## COMPATIBLE CONTROLLERS

Designed for use with:

- TST FU2 Series
- TST FU3 Series
- TST FU3H Series

## ORDER INFORMATION

| PART NUMBER | DESCRIPTION                                                 |
|-------------|-------------------------------------------------------------|
| 6324.000.00 | TST-RFUXIO-E<br>Expansion module for<br>TST FUX controllers |