TST RCCA-A

COMMUNICATION MODULE FOR FEIG DOOR CONTROLLERS

- PROFINET extension board for TST FUxF door controllers for controlling and diagnosing the door systems via PLC
- PROFINET IRT switch for connecting additional PROFINET devices
- Six inputs (DI)

Connecting FEIG door controllers

Digitalization as part of Industry 4.0 has arrived in the facility management, and it begins at the field level. With PROFINET you are on the safe side.

The FEIG door controller TST FUxF in combination with the communication module TST RCCA-A allows via PROFINET to control the door system centrally as well as to bundle the information from the sensors and the door system and to transmit them to the high-level facility control.

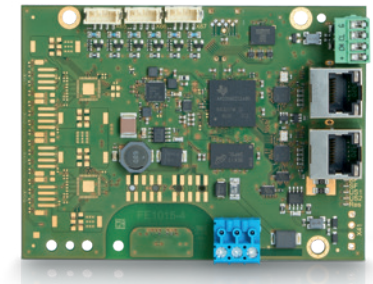
Thanks to the device-specific GSD files, the door is easy to implement to the facility management system. The door systems can be easily integrated into the air conditioning control, the alarm system and the maintenance system of the Industrial building.

Additional features:

- Six input signals (DI) are implemented to PROFINET
- Simplest integration via device-specific GSD file
- LEDs in specific arrangement and colors show the operating status of the module
- Power supply via an external 24 VDC connection
- Door information with status and position
- Backup and Restore
  (simple control replacement – I-PAR client)

Technical data

Dimensions (W x H x D)	83,0 x 112.0 x 27.0 mm (without mounting frame)
Protection class	open frame
Supply voltage	19.2 / 24 / 30 VDC (DIN EN 61131-2)
Supply type	SELV
Power consumption	2.4 W ... 30 W
Current consumption	unloaded 85 mA / loaded max. 1 A
Temperature range	Operation –20 °C up to +70 °C
Humidity	max. 90 %, not condensing



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Interfaces

PROFINET		
from GSD-Version	GSD-Revision V2.3	
Conformance Class	C	
PROFINET-IO Device	yes	
Transmission method	PROFINET with 100 Mbit/s full duplex	
Media redundancy	yes; PROFINET MRP	
Time synchronization	NTP	
Netloadclass	3	
Services	IRT / PROFIenergy	
TST CTRL		
OPEN/CLOSE/STOP	Delay	| max. 50 ms
DI (6 x DI)		
Output voltage	Power supply via external 24 VDC connection (optional)	| 19.2 / 24 / 30 VDC
Electricity output sensor	Max. per Port	| 0,125 mA
Supply	Max. overall	| 750 mA
Input	High level	| 11 / 30 VDC
	High current consumption	| 2 / 15 mA
	Low level	| 0 / 5 VDC
	T_HL/LH	| max. 50 ms
	Debounce filter	| max. 50 ms

Features via PROFINET interface

Control unit	Opening, closing and stopping the gate, controlling virtual inputs of the door control
Door diagnosis	Position information of the gate, status information of the gate system, diagnostic functions for maintenance and service, error messages
External devices (DI)	Implementation of the digital inputs on PROFINET

Order information

5403.000.00	TST RCCA-A extension card for door control unit; communication module for TST FUxF, PROFINET interface, PROFINET switch

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