

TP-ADD-IO-BRD

TruPortal I/O EXPANSION MODULE Board only - intended for installation into TP-ADD-*** enclosure or into the TP-SYS-*** Base System enclosure.



Introduction

The TruPortal Input/Output Expansion Module consist of 2 separate modules: the Input module and the Output module. The input and outputs can be configured from the ruPortal user interface. They can be linked to access control actions and macros to provide enhanced functionality.

Input/Output Modules

The Output Expansion Board provides 8 relay output points. Output points can be used to control such things as sirens, indicators, or other peripherals. The Input Expansion Board monitors up to sixteen supervised inputs. It communicates to the TruPortal System Controller on the SNAPP bus (RS-485) and interfaces with one TruPortal 8 Relay Output Expansion Board (TP-ADD-OUT-BRD) via VBUS internal cabinet communications.

Details

- 16 Digital Inputs
- 8 Digital Outputs

VBUS communication

VBUS is an internal communication bus that related VBUS modules are used with. The VBUS is not intended for external use. It has been designed to be used in a protected enclosure with adjoining interconnection between modules in the same enclosure. VBUS devices must be located behind the tamper switch of its host device. Therefore, the wire length can never be greater than the size of the box.

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Technical Specifications

System

Controller Type	Input/Output Module
Software Compatibility	TruPortal
Software Compatibility Version	Later, V1.6
Maximum Bus Length	1200
Elevator Control	Yes
Elevator Control Max no. of Floors	64

Readers/doors

Max. no. of doors	0
Max no. of readers	0

Users/cards

Max no. of cardholders	0
Max. no. of BadgeID	0

Interfaces

Host Connection	RS485
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Communication

Bus Interface	RS485
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Inputs/outputs

Max no. of inputs	16
Max no. of outputs	8

Support

Language Installation Manual	German, English, Spanish, Finnish, French, Italian, Dutch, Swedish, Turkish
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Electrical

Operating voltage	12 V
Power supply type	VDC
Current consumption	100 mA

Physical

Physical dimensions	200 x 180 x 25 mm
Net weight	470 g
Shipping weight	900 g
Colour	Grey

Environmental

Operating temperature	0 to +50°C
Storage temperature	-40 to +85°C
Relative humidity	5 to 85% noncondensing

Standards & regulations

Compliance	CE, FCC, RoHS
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Event log

Max no. of events	0
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