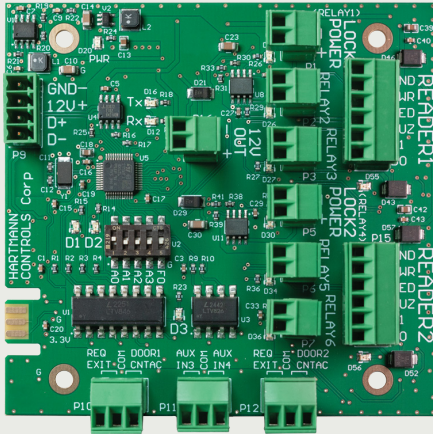




OVERVIEW

PRS-TDM

The PRS-TDM (Two Door Module) is used to expand door, reader, input, and output capacity on a PRS Door Kit. Up to 3 can be added to a PRS-2DR Starter for a total of 8 doors.

COMPATIBLE WITH:

- PRS-2DR-STR
- PRS-Power
- PRS-TDM

FEATURES & BENEFITS

Power

12VDC power provided from the PRS-Master controller via interconnect strips (supplied with PRS-2DR-Starter or available separately). Can be externally powered.

Lock Power

1 Wet 12VDC 500mA relay per door, eliminating the need for external lock power supplies. Intelligent power control to reduce power consumption and reduce strain on solenoid based locksets.

Communication

RS-485 communication between PRS-Master and TDM expansion panels.

Inputs

3 Dry contact inputs per door, fully configurable. Inputs can be assigned to any doors, allowing you to reassign inputs for complex door setups.

Outputs

2 Dry contact solid-state relays, capable of switching up to 24VDC 1A. Outputs can be reassigned as needed, making it easy to support complex door configurations.

Ease of installation

Easy to set addressing via dip switches. Clear labeling of inputs, outputs, reader, and connectivity.

SPECIFICATIONS

Dimensions

3.54"(89.92mm) x 3.74" (95mm)

Temperature

Indoor use only. Operating temperature: 0°C to 50°C (32°F to 122°F). Operating humidity: 10% to 90% RH, non-condensing.

Communication

1 x RS 485 used to communicate to PRS-Master (use interconnect strips, included in PRS-2DR Starter Kit).

Power Supply

1 x 12VDC input. Usually powered from PRS-Master. Approx. 1.25 A.

SPECIFICATIONS CONT.

Inputs

6 x fully configurable digital inputs. Supports supervised state with 12 x 1K Ω resistors.

2 x Wiegand ports.

Outputs

2 x Lock power up to 12V @ 500mA.

1 x 12V out up to 12V @ 300mA

Protection

Short protection on all power outputs. Over voltage protection on solid state relays. Overcurrent protection on lock outputs.

Certifications

CE, UL 294/ULC S319-05 listed, FCC.

Miscellaneous

Photo-resistive tamper sensor. Dip switches used to address.

Software

Door controller is programmed and monitored from Odyssey or Protector.Net server software through the PRS-Master which is included in the PRS-2DR Starter Kit. Software can be hosted by Hartmann Controls, security integrator or via local/remote Windows PC/server.

Warranty

3-year warranty that covers manufacturer defects.

ADVANCED FUNCTIONS

ADA/DDA opener sequencing

Supports sequencing a door opener with a strike release without external logic. Flexible activation options allow you to securely control when the opener is triggered.

Alarm

Supports key-switch level alarm integration via input/output. Will deny entry when alarm is armed to standard users. Can arm/disarm from reader.

Mantrap/interlock

Can connect to other controllers via input/output to create mantraps without external relays/logic.

Anti-passback

Global and local APB. Configurable to be timer or reader based. Can be customized to ignore certain users.

Custom scripts/actions

Input, output and reader events can trigger server side scripts to easily meet regulatory requirements or other special circumstances/functions.

Custom local panel actions

Customizable panel actions can be configured to occur when a specific card is presented to the reader, any user on granted access and on inputs. Panel actions include relay overrides/toggle/pulse, door overrides, input overrides, buzzer and alarm functions.