



SCP-SDM Single Door Module

- Provides all I/O needed for single door control
- Easily connect to EP intelligent controllers
- Small size versatility
- 2 programmable inputs, 2 programmable relay outputs
- Multi-facility code support
- Multi-reader technology support
- AES 128-bit data encryption
- HSPD-12/FIPS201 compliant
- UL 294 certified

The SCP-SDM Single Door Module is a low cost, high performance single card reader interface panel that is capable of all the I/O needed for controlling a single door. Based on the Mercury Access Foundation, each SDM will interface one card reader, two general purpose input monitor points and two control relays to provide access control and security monitoring through an intelligent controller.

The SDM's reader port supports magnetic stripe, Wiegand and RS-485 readers. Keypads and integrated keypad readers are also supported. Hardware interface and card format settings are loaded through software commands. With its compact footprint and RS-485 connectivity, the SDM and can be clustered or distributed to best suit the installation environment.

The inputs and the relays may be assigned to door-related functions or to general purpose I/O. The inputs support normally open, normally closed, supervised and non-supervised circuits. End-of-line (EOL) resistance values are configurable. The relays can be configured for fail safe or fail secure operation.

The SDM is a versatile, reliable interface component for a single door. When connected to an EP Series Controller, the SDM passes access request and status change information to the intelligent controller for processing. Data and activities from selected system devices pass to other devices in the network, generating actions and activities as they transpire, independent of the host computer. Even when not connected to an intelligent controller, the SDM is capable of locally processing access requests based on facility code verification. Up to eight facility codes may be active in each SDM.



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SCP-SDM

Single Door Module

Technical Specifications

Electrical:

Primary Power:

- 12 to 24 Vdc \pm 10%, 150 mA maximum
- 12 Vdc @ 110 mA nominal
- 24 Vdc @ 60 mA nominal

Communication:

RS-485, 2-wire, 4,000 ft.
(twisted pair with shield, Belden 9841)

Reader Port: 1

- Power: Input voltage pass-through
- Data Card/Keypad
- Clock/Data, Data-1/Data-0, or RS-485

LED:

Two-wire, or one-wire bi-color LED support
RS-485, 2-wire, 4,000 ft.

Buzzer:

Only with 'one-wire' LED

Inputs:

- 2 general purpose, programmable circuit type
- 1 dedicated, tamper

Outputs Relay:

- Relay 1: Form-C, 5 A, 28 Vdc
- Relay 2: Form-C, 1 A, 28 Vdc

Dimensions:

2.75" W x 4.25" L x 1.0" H
70mm x 108mm x 25mm

Temperature:

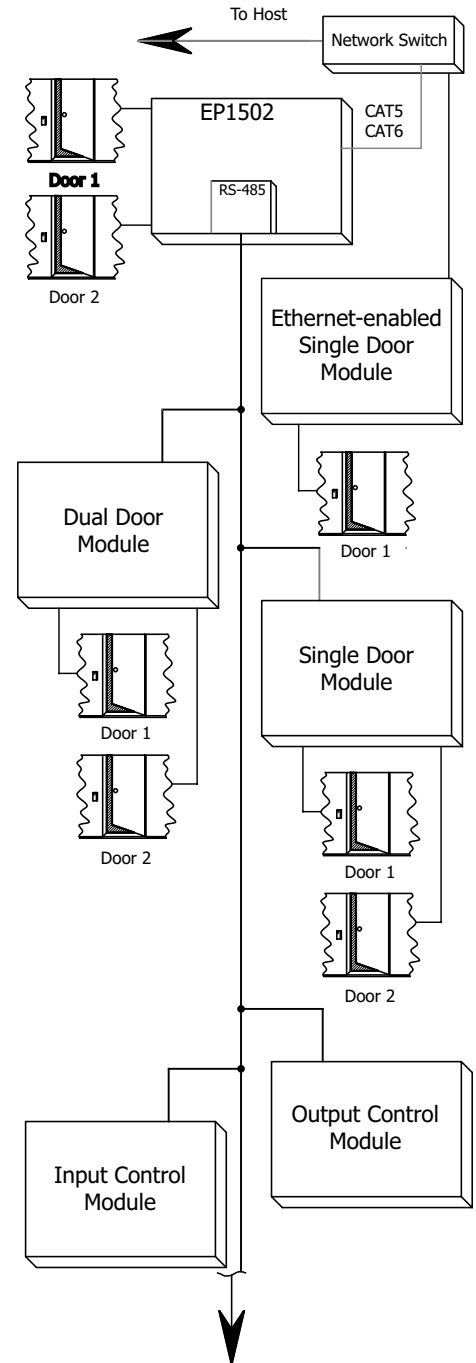
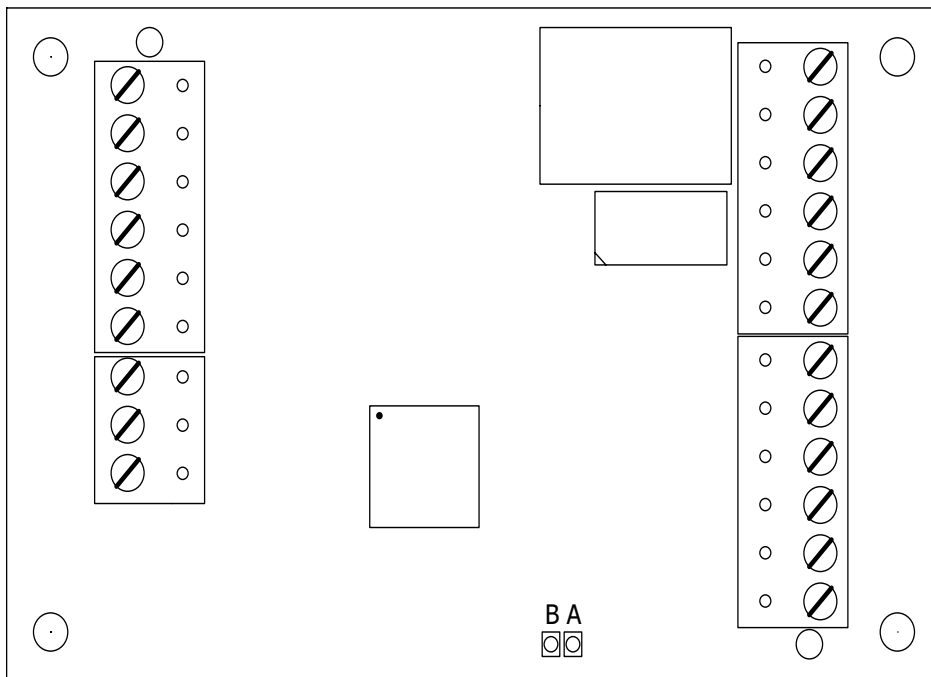
-40 to 75°C operational, -55 to 85°C storage

Humidity:

0-95% RHNC

Standards:

UL 294 recognized, CE compliant, RoHS



Presented By:

