



SCP-SDME

Ethernet-enabled Single Door Module

- Flexible, versatile support of paired readers
- Network ready
- Easily installed, applied to a wide range of reader technologies
- Multi-facility code support
- Multi-reader technology support
- POE enabled
- AES 128-bit data encryption
- HSPD-12/FIPS201 compliant
- UL 294 certified
- OSDP



Keri's SDME Ethernet-enabled Single Door Module is a network connected, single-door, POE capable interface panel that provides an ideal integration solution when a network connection to the door is desired.

Two reader ports support separate in/out readers of all types and technologies, including Wiegand, clock and data, magnetic stripe, keypads, LCD and biometrics. Auto-addressable and directly managed by the intelligent controllers, the SDME is capable of elaborate processes and procedures without host intervention.

Built on the Mercury Access Foundation, the SDME will relate the activities of selected system devices to other devices within the system, generating actions and allowing activities to transpire independent of the host.

The SDME's support of paired readers enhances the ability to meet installation challenges, such as placing readers at varying heights or distances to accommodate ingress and egress of handicapped, vehicle, and/or foot traffic. These readers can be logically linked together, yet function independently when access identification is presented to either one. When access rights are granted the same relay will function as programmed to unlock the opening.

The result is the flexibility, versatility, and reliability you need for system success. Combined with Keri's *Eclipse.Net* software, the SDME provides customers the ultimate in power and flexibility.



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SCP-SDME

Ethernet-enabled Single Door Module

This interface is for use in low voltage, class 2 circuits only.

Power Input:

PoE Power Input 12.95W, compliant to IEEE 802.3af
OR - 10-14 Vdc Power Supply

Power Output:

12 Vdc @ 700 mA including reader and AUX output
Output: Form-C contacts: K1, K2 - 5A @ 28 Vdc
Input: 4 supervised
End-of-Line resistors, 1k/1k ohm,
1%, 1/4 W standard

Reader Interface:

Reader Power:

12 Vdc \pm 10% or pass through
(PTC limited 150 mA max.)

Reader LED Output:

TTL compatible, high > 3V, low < 0.5 V,
5 mA source/sink max.

Buzzer Output:

Open collector, 5 Vdc open circuit max.,
10 mA sink max.

Reader Data Inputs:

TTL compatible inputs or 2-wire RS-485

Communication:

Ethernet, 10Base-T/100Base-TX

Cable Requirements:

Power: 18 AWG, 1 twisted pair
RS-485: 24 AWG, 120-ohm impedance,
twisted pair with shield,
4,000 foot max. (1,219 m)

Alarm Inputs: 1 twisted pair per input, 30-ohm max.

Reader data (TTL): 18 AWG, 6 conductor, 500 foot max. (150 m)

Reader data (RS-485): 24 AWG, 120-ohm impedance,
twisted pair with shield, 4,000 foot max. (1,219 m)

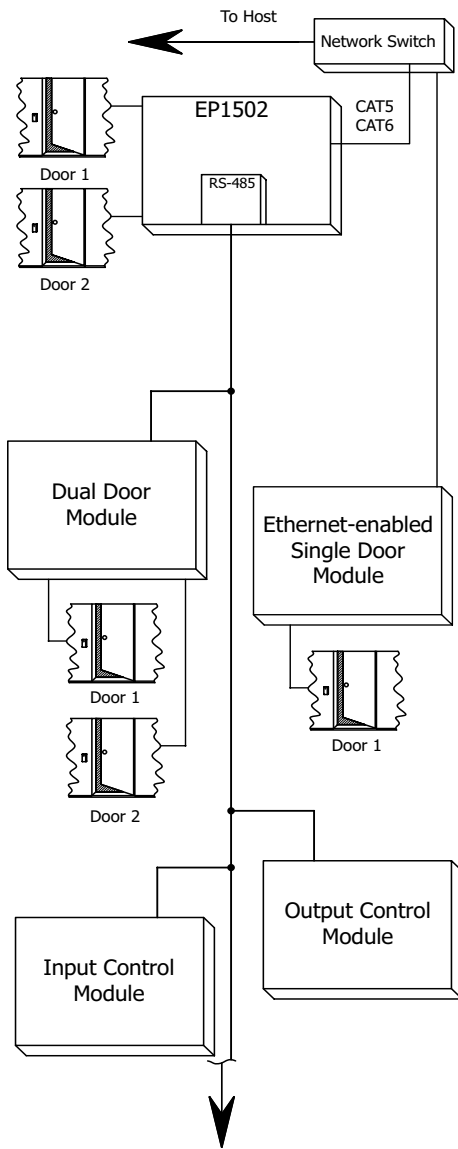
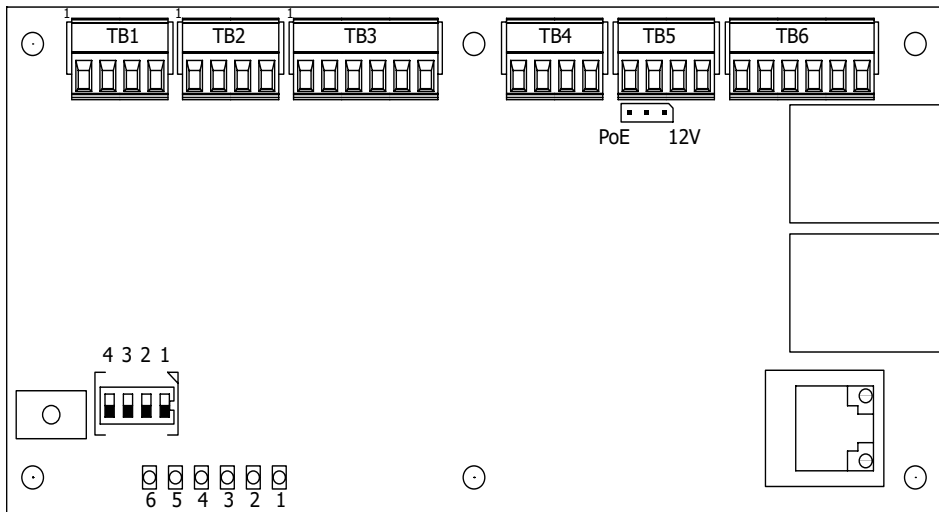
Dimensions:

5.5" W x 2.75" L x 1.0" H (140mm x 70mm x 25mm)

Temperature:

0 to 70°C operational, -55 to 85°C storage

Humidity: 0-95% RHNC



Presented By:

