DDM

Features

- 12 V AC/DC operation
- 2-wire or 4-wire RS-485 communication
- Two reader ports
- Magnetic/Wiegand/Proximity/Keypad
- Eight programmable inputs
- Six programmable relay outputs
- UL Recognized
- CE Marked

Benefits

- Power Readers From Controller
- Cost Effective Installation
- Supports All Popular Reader Technologies
- Supports Additional Input Devices Such As PIRs
- Proven hardware meeting global standards
- Installed in US Government facilities

Scaleable Architecture

Connected to the SCP Series System Processor Module（SPM）, the Dual Door Module（DDM）provides supports for two card readers, eight general purpose input monitor points and six control relays.

The DDM＇s two reader ports support magnetic, Wiegand, and proximity readers. Keypads and integrated keypad readers are also supported.

Hardware interface and card form at setting are located through software commands.

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

The DDM passes access request and status change information to the SPM for processing. When connected to a SPM, the DDM is capable of locally processing access requests based on facility code verification. Up to eight facility codes may be active in each DDM.

The Dual Door Module（DDM）connects to the System Processor Module（SPM）and provides all necessary inputs and outputs to interface two card readers and associated door hardware.

The DDM provides an additional 8 general purpose inputs that make this a cost effective zone controller.

The DDM can be configured as entry/exit, entry/entry or master/slave.

TECHNICAL SPECIFICATIONS

ELECTRICAL: Primary Power: 12 VDC +/- 15%, 350 mA or 12 VAC +/- 15% 600 mA RMS

COMMUNICATION: RS-485, 2 wire/4 wire (twisted pair with shield, Belden 9841/9842) up to 4,000'

READER PORTS: 2 Reader Ports

POWER: Regulated +5 or +12 VDC at 70 mA

CARD: Two wires: Clock/Data or Data-1/Data-0

KEYPAD: Multiplexed with card data, 4-bit or 8-bit burst

INPUTS: 8 General purpose: programmable circuit type

2 Dedicated: tamper and power monitor

OUTPUTS: 6 Relays: Form-C, 5 AMP 30 VDC

MECHANICAL: Dimensions: 6.0" W x 8.0" L x 1.0" H

(152mm W x 203mm L x 25mm H)

ENVIRONMENTAL: Temperature: 0-70° C operational, -55-85° C storage

Humidity: 0 to 95% RHNC

COMPATIBLE SYSTEM PROCESSOR MODULES:

Eclipse™ 700 systems: SPM-C, SPM-S, SPM-E, SPM-EP 1502, SPM-EP 2500

RELATED COMPONENTS:

SDM, ICM, OCM

The DDM is an excellent choice when spare inputs and outputs are required. The additional I/O on board is a cost effective means of securing an area.