Access Control System

Door Expansion Module

AC-ACEMO16

16-port Output Expansion Module

Key Features:

- Customizable 4-channel inputs, such as AC failure, battery failure, and tamper alarm
- Each input point can be programmed for abnormal conditions (can use NO or NC alarm devices)
- 16 latching relays with contact rating of 1A @ 30VDC
- Connected to AC-ACNC series controllers via CAN bus
- Receives and processes real-time commands from AC-ACNC series controllers
- Reports all activities to AC-ACNC series controllers
- Allows for complex input/output linking when used with AC-ACNC series controllers and AC-ACEMI16
- Encased in polycarbonate packaging to prevent component damage
- All connections and indicator lights are clearly labeled with silk-screened text

Specification:

Model	AC-ACEMO16
Processor	Industrial-grade ST chip with Arm® Cortex®-M3 core, running at a speed of 72 MHz, 32-bit processor
Installation	Installed on any wall with four screws or mounted on a standard 35mm DIN rail
Dimensions	150mm (width) x 130mm (height) x 60mm (depth)
Weight	313 grams (net weight), 521 grams (gross weight)
Casing Material	Made of polycarbonate
Operating environment	Indoor, or inside a cabinet that complies with NEMA-4 standards
Operating environment temperature	0°C to 50°C
Operating environment humidity	5% to 95% (non-condensing)
Communication Ports	CAN bus
Operating VDC/Current (max)	Power input: 12VDC/1.5A; Lock output: 12VDC/2A
Input interfaces	16 normally open/normally closed relays, with contact rating of 1A @ 30VDC
Certificates	RoHS, EMC, CE, FCC

Ordering Information

Ordering model	Description
AC-ACEM2	2-door expansion module, 2 electric locks, providing 2 Wiegand interfaces and 2 RS-485 interfaces to connect card readers
AC-ACEM4	4-door expansion module, 4 electric locks, providing 4 Wiegand interfaces and 4 RS-485 interfaces to connect card readers
AC-ACEMO16	16-port output expansion module, with 16 normally open/normally closed relays
AC-ACEMI16	16-port input expansion module, with 16 input loops (supporting NO or NC)

Appearance & System Overview