



Access Control System

Door Expansion Module

AC-ACEMI16

16-port Input Expansion Module



Key Features:

- ▲ Supports managed or unmanaged alarm circuits
- ▲ Each input point can be programmed for abnormal conditions
- ▲ Supports 4-state mode input with adjustable programmable design
- ▲ Connected to AC-ACNC series network bus controllers via CAN bus
- ▲ Receives and processes real-time commands from AC-ACNC series network bus controllers
- ▲ Reports all activities to AC-ACNC series network bus controllers
- ▲ Allows for complex input/output linking when used with AC-ACNC series network bus controllers and AC-ACEMO16
- ▲ Encased in polycarbonate packaging to prevent component damage
- ▲ All connections and indicator lights are clearly labeled with silk-screened text
- ▲ 2 relay outputs, each interface with both NO and NC interfaces

Specification:

| | |
|-----------------------------------|--|
| Model | AC-ACEMI16 |
| 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 | 110mm (width) x 130mm (height) x 60mm (depth) |
| Weight | 290 grams (net weight), 504 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/0.5A |
| Input interfaces | 16 input loops available, supporting NO or NC configurations, with support for custom programming |
| 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

