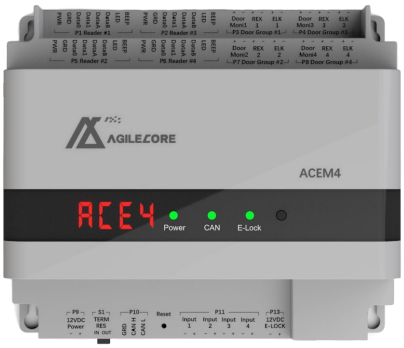
Access Control System

Door Expansion Module

AC-ACEM4

4-Door Expansion Module



Key Features:

- Report Management Input - Connected to AC-ACNC32 via CAN bus
- Receives and processes real-time commands from AC-ACNC32
- Reports all activities to AC-ACNC32, reports supervised inputs/warnings
- Encased in polycarbonate packaging to prevent component damage
- All connections and indicators clearly labeled with silkscreen text
- Offline access control decisions made based on device codes
- Customizable with 4 inputs, such as AC faults, battery faults, and tamper alarms

Specification:

Model	AC-ACEM4
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	338 grams (net weight), 533 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 Voltage/Current (max)	Power input: 12VDC/2.5A; Lock output: 12VDC/4A
Wiegand/RS485 Reader Interface	Each 12VDC output supports a maximum current of 0.5A
SIA standard Wiegand/serial card reader interface	Four ports available for each interface
Lock input and output VDC	12VDC
Lock output current per port (max)	1A
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