DESCRIPTION

The AC-2DE is a two-door expander board for the AC Series access control system. They can be added to ACS-2DR and ACS-ELV kits.
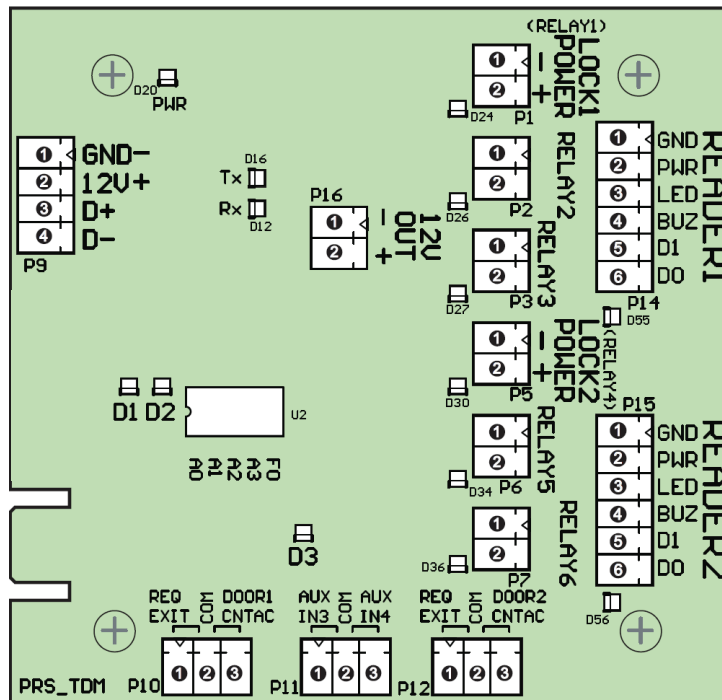
The expander board has two Wiegand reader inputs, six digital inputs, four solid state dry contact relays, and two integrated lock power outputs. Up to three can be added to ACS-2DR starter kits for a total capacity of eight doors, and one can be added to ACS-ELV elevator starter kits needing to control two elevator cabs.

The AC-2DE uses RS-485 for communication, and can be connected using an AC-STRIP or standard RS-485 wiring.

This expander board supports advanced functions such as built-in ADA opener sequencing, key-switch level alarm integration, mantrap or interlock, triple swipe actions, user specific actions, and local or remote lockdown.

Features

• Two Wiegand card reader inputs

• Four solid state dry contact relays

• Two solid state wet contact relays (12V DC, 500mA)

• Six digital inputs

• UL and ULC listed (UL 294/ULC S319-05)

FEATURE CALL-OUT DEFINITIONS

[P1] Door 1 lock power, 12V DC, 500mA

[P2,P3] Door 1 dry contact relays

[P5] Door 2 lock power, 12V DC, 500mA

[P6,P7] Door 2 dry contact relays, dry*

[P9] Power, communication data

[P10-P12] Inputs

[P14] Reader 1

[P15] Reader 2

[P16] 12V DC, 500mA

SPECIFICATIONS

Power Source:	12V DC (drawn from main board)
Lock Power:	12V DC 500mA
Option Power:	12V DC 500mA
Contact Rating:	24V DC @1A
Dimensions:	3-1/2" x 3-3/4"