X100
Two Reader Expansion Module
Data Sheet

ADC-AC-X100

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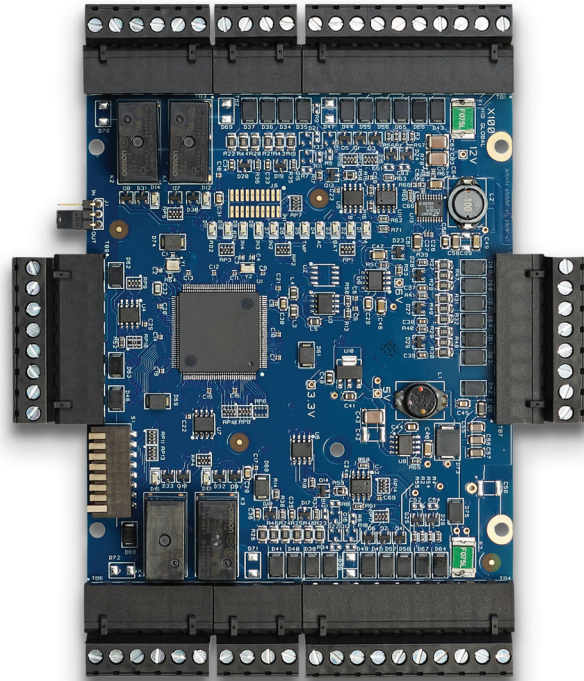
Specifications

The interface is for use in low-voltage, Class 2 circuits only.

The installation of this device must comply with all local fire and electrical codes.

Input power:
12 to 24 VDC ±10%, 1.5 A max input current, 450 mA nominal @ 12 V, 270 mA nominal @ 24 V, 340 mA max input current, excluding readers

Output power:
12 VDC, ±10%, 500 mA max each reader

Communication:
Shielded 2-Wire RS-485

Inputs:
Two dedicated reader inputs, four programmable inputs, one dedicated input for each of the following: Tamper, AC Fail, Battery Fail

Outputs:
Four relay outputs: 5 A @ 30 VDC resistive (NO), 3 A @ 30 VDC resistive (NC), two-wire LED control, single-wire buzzer output

Certifications:
UL 294 recognized,CE compliant, FCC Class A, ICES-003

Dimensions:
(W x L x H) 6.46 × 5.51 × 1.02" (16.4 × 14 × 2.6 cm)

Temperature:
32°F to 158°F (0°C to 70°C) operational, -67°F to 185°F (-55°C to 85°C) storage

Operating humidity:
5% – 85%(non-condensing) RH

Availability: Distribution

Overview

Alarm.com's Smarter Access Control is a powerful, easy-to-use solution for commercial properties that seamlessly integrates with the Alarm.com for Business platform. This platform enables intelligent automation and features, such as disarming when badging in, locking doors when arming, and tagging access events on the video timeline.

The X100 Two Reader Expansion Module adds support for two additional readers with four relay outputs and four programmable inputs to an Alarm.com X1100 Door Controller. For larger commercial installations, up to 31 X100 expansion modules can be connected together to manage up to 64 doors using a single X1100 Door Controller.

Features

• Provides all I/O needed for two additional doors

• Two dedicated reader inputs

• Four relay outputs

• Four programmable inputs

• For use with X1100 Door Controller only

• Connect up to 16 expansion modules per expansion port, up to 31 expansion modules total

Smarter Access Control Benefits

• Scan-to-add card format and serial detection

• Control doors and manage users from the Alarm.com app

• Integrated Alarm.com intrusion and video offerings

• User-friendly, flexible scheduling

• Configure hardware using web or app for easy installation

• Plug & play installation— no networking expertise required

Only compatible with HID Aero Series expansion modules **HID**®