

The Complete ATM Card Reader Kit

The POL-2ATM Automated Teller Machine Card Reader Kit is ideal for applications requiring entry with a generic magnetic stripe card. This technology can be used at any bank ATM entrance to grant access to a cardholder.

The kit includes a Polaris-2 magnetic stripe reader and an ALT-6062-5 programmable timer. For an ATM installation, simply add a door strike, power supplies, and you are set!

The Polaris-2 is a weatherproof reader with a head assembly designed to provide over 1 million reads. The reader will detect a card swiped in either direction.

The ALT-6062-5 timer can be programmed to release the door strike from between 1 seconds and 60 minutes after a card is passed through the reader.

The ATM Card Reader Kit is easy to use and can be installed in minutes!

Specifications

Polaris-2

Power	5V DC \pm 5% 35mA
Dimensions	15.86 H x 4.45 W x 3.76 D cm (6.24" x 1.75" x 1.48")
Color	White
Operating temperature ...	-40°C to 65°C (-40°F to 150°F)
Utilisation	Interior / exterior
Weight	0.18kg (0.4 lbs)
Cable type	6 conductors, no. 10 (18AWG) standard with overall shield.

ALT-6062-5

- 5 V DC operation (80 mA)
- Timer adjustable from 1 sec to 60 min
- Form "C" relay contacts are 8A at 120V AC/ 28V DC
- Board dimensions: 7.65L x 6.35W x 1.9H cm
(3" x 2.5" x 0.75")

Wiring Diagram

- 1) Connect either Data 0 (green wire) or Data 1 (white wire) of the Polaris-2 reader to TRG of the ALT-6062-5 timer. Connect the LED (brown wire) of the Polaris to the N.O. (normally open) of the ALT-6062-5 timer.
- 2) Set switches 1 & 4 to OFF.
- 3) Set switches 2 & 3 to ON.
- 4) Connect the 5 V power supply to the + and - of the ALT-6062-5 timer.
- 5) Connect the 5 V power supply to the +(red wire) and -(black wire) of the Polaris-2 reader.
- 6) Connect the door strike (must be fail-secure - energize to unlock) to the N.O. (normally open) of the ALT6062-5 timer and to the positive (+12 or +24 VDC) of the power supply. The C terminal of the ALT-6062-5 timer will go to the common ground of both power supplies.
- 7) Set the activation time from 1 to 60 seconds by adjusting the potentiometer on the timer (or from 30 seconds to 60 minutes by turning switch #2 to OFF position).

