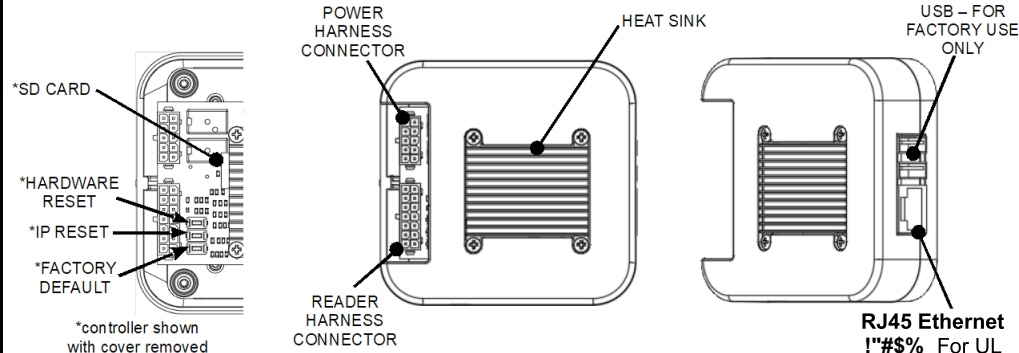


Speco Access Control System Wiring Diagram for 1 Door Controllers

for Level 1 (controlled) Installations



NOTICE: Output relay rating is 24 VDC @ 1A

Controller Power Class 2 12 VDC @ 2A

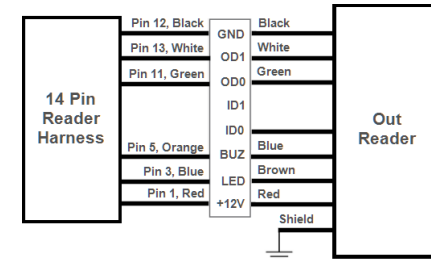
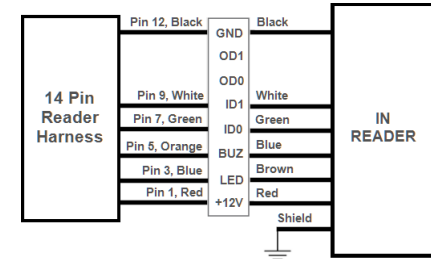
1 Door Controller Layout

RJ45 Ethernet !"#% For UL installations the maximum length of cable is 98.5 FT (30 m)

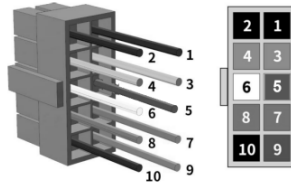
Use UL 294 Listed Readers
12 VDC @ 300mA max
Connect with twisted shielded wire, 22 AWG. For UL installations the maximum cable length is 98.5 FT (30 m).

I/O	Default State
Door Status In	Disabled
REX In	Normally Open, Momentary
AUX In	Normally Open, Momentary
Door Out	Not Energized, Single Pulse, 3 Second On
AUX Out	Not Energized, Single Pulse, 3 Second On

Wiegand Reader Wiring

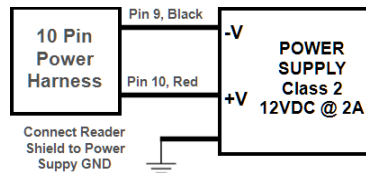


10 Position Power Harness		
Input Power		
PIN	Color	Description
10	BLACK	Ground
9	RED	+12 VDC @ 2A
Door Output		
7	GREEN	Normally Closed Dry Relay Contact
5	BLUE	Common Relay Contact
3	GRAY	Normally Open Dry Relay Contact
Auxiliary Output		
8	GREEN	Normally Closed Dry Relay Contact
6	WHITE	Common Relay Contact
4	GRAY	Normally Open Dry Relay Contact
2	BLACK	Ground
1	BLACK	Ground



!"#% To prevent loss of configuration information, always backup system's database before disconnecting power.

12 VDC Power Wiring



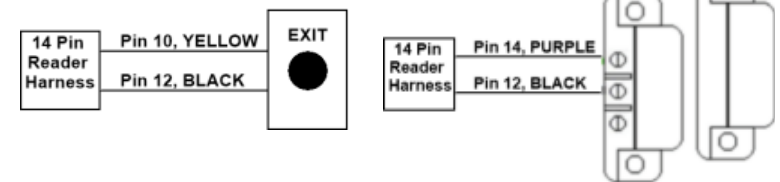
Wiring Requirements:

The wire used must be of the proper gauge for the load current and distance from the controller to the load. **Wires must not be routed in parallel with or in the same conduit with any high voltage AC wiring** and all wiring shall conform with the National Electrical Code, NPFA70 and local building codes. Use a minimum size of UL listed 22 AWG to a maximum distance of 98.5 feet (30 meters).

NOTICE:

DO NOT ALTER OR TAMPER WITH THIS DEVICE. CONTROLLER AND POWER MODULE HAVE NO USER REPLACEABLE PARTS.
System Contains Class 2 Circuits
Refer to installation manual 100116 for additional information

Input Wiring



Door Lock Wiring

