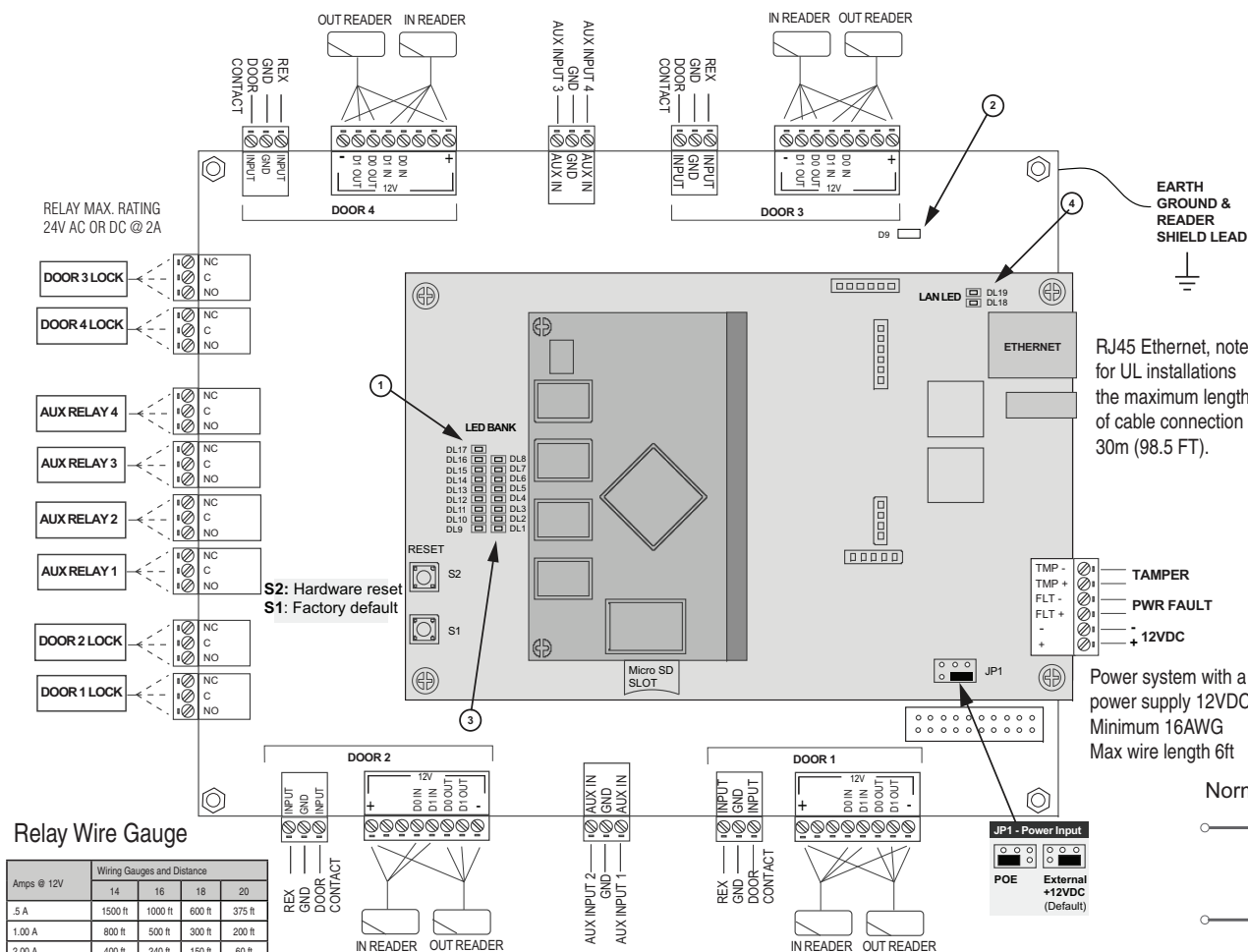
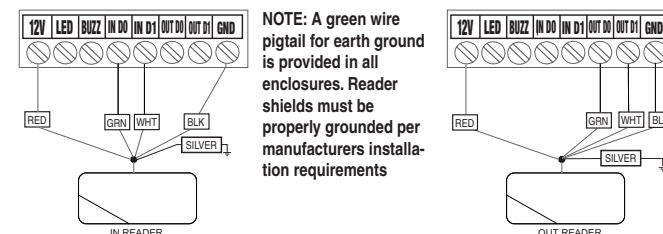


e3 eMerge Access Control System Wiring Diagram for Level I (controlled) Installations

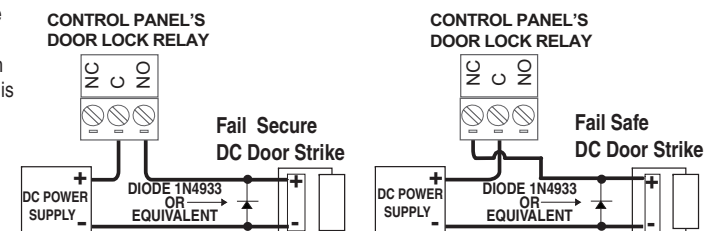


Wire Connections for Wiegand

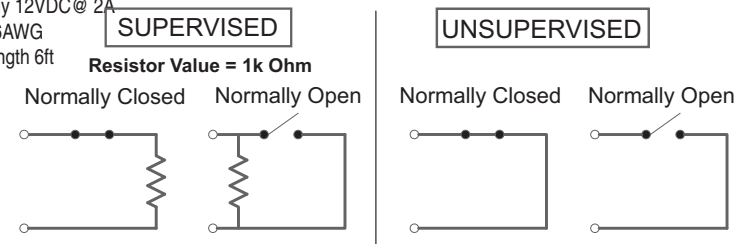


Use UL294 listed Wiegand Reader 12VDC@100mA max.
Twisted shielded 22 AWG (250 ft.) or 18 AWG (500 ft.)
Belden #9535 (5 conductor) or equivalent.

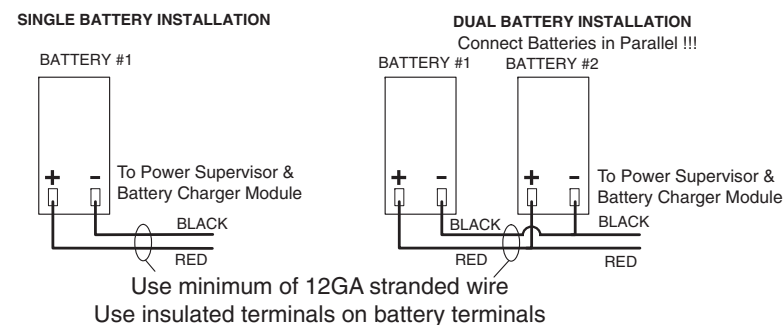
Wire Connections for Door Strikes



Wire Connections for Inputs



Optional Battery Connection



NOTICE
CERTIFIED TECHNICIAN SHOULD REPLACE BATTERY EVERY 2 TO 3 YEARS, SEE
INSTALLATION INSTRUCTIONS FOR SAFE REPLACEMENT OF BATTERY
REPLACE ONLY WITH 12V 7Ah RATED SEALED LEAD ACID BATTERY
CHARGE RATE: 650mA. DO NOT EXCEED MANUFACTURER SPECIFICATIONS.

NOTE
BEFORE REMOVING POWER,
BACKUP THE SYSTEM DATABASE
OR YOU WILL LOSE CONFIGURATION INFORMATION

NOTICE
THIS UNIT CONTAINS NO USER REPLACEABLE PARTS.
DO NOT ALTER OR TAMPER WITH THIS DEVICE
 Contains Class 2 Circuits
 Refer to installation manual 620-100531 for additional information
 For supplemental manuals and other documentation, visit www.e3links.com

Amps @ 12V	Wiring Gauges and Distance			
	14	16	18	20
.5 A	1500 ft	1000 ft	600 ft	375 ft
1.00 A	800 ft	500 ft	300 ft	200 ft
2.00 A	400 ft	240 ft	150 ft	60 ft

LED	Condition
① DL17	Red On = Power On Middle Board
② D9	Red On = Power On Bottom Board
③ DL1	Blue On = System is Rebooted
DL1 to DL16	Blue On = System is Booting
④ DL19, DL18	Blue Blink = Network Connection

NOTE: System start up time is approx. 60 secs.

Attribute	Default State
Door Status Inputs	Normally Open, Unsupervised, 8 Sec. Held Open Time
REX Inputs	Normally Open, Momentary, Unsupervised
Auxiliary Inputs	Normally Open, Unsupervised
Door Lock Outputs	Not Energized, Single Pulse, 3 Second Unlock Time
Aux Outputs	Not Energized, Single Pulse, 3 Seconds On