

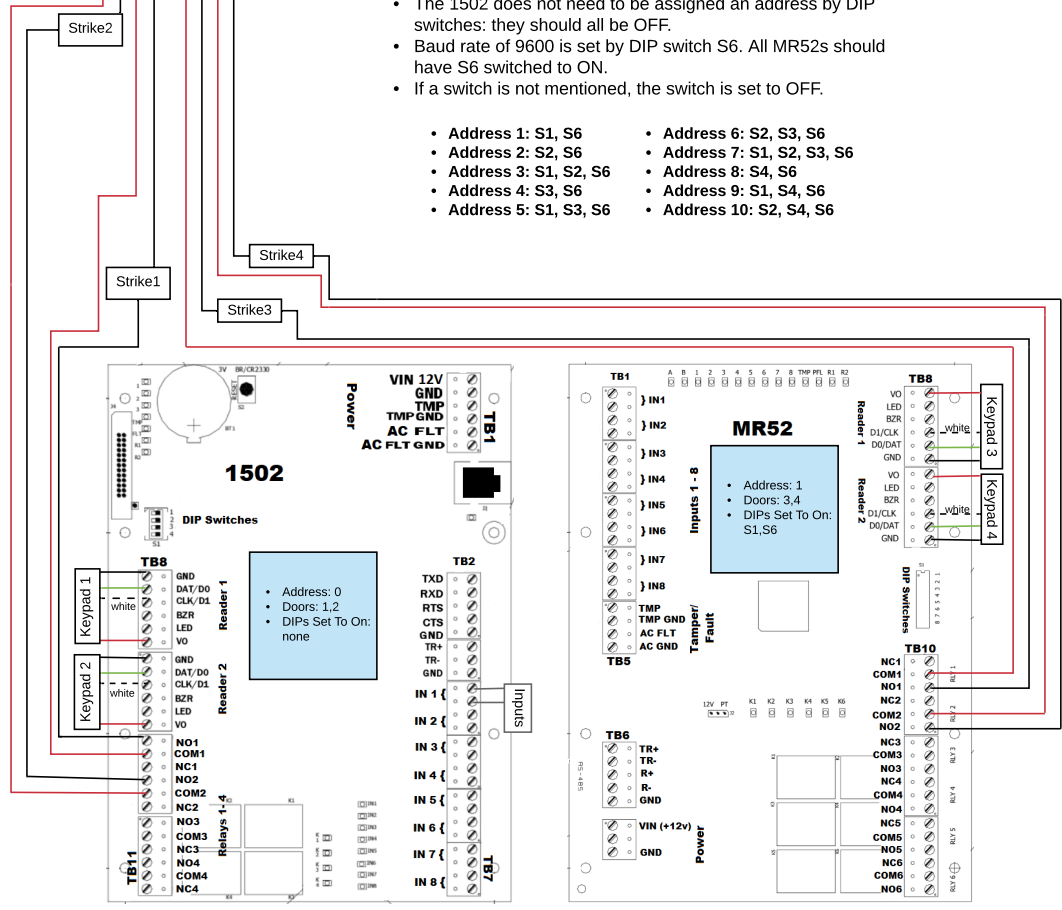
- Relay position refers to strike wiring location.
- Reader position refers to keypad wiring location.
- Input position refers to door sensor, also called **DPS**, wiring location.
- On 1502-
 - Reader1, Relay1, and input1 will be associated to Door 1.
 - Reader2, Relay2, and input2 will be associated to Door 2.
- On MR52-
 - Reader1, Relay1, and Input1 will be associated to odd numbered doors past 1 (E.g. 3, 5, 7).
 - Reader2, Relay2, and Input2 will be associated to even numbered doors past 2 (E.g. 4, 6, 8).

DIP Switch Settings For MR52:

- The 1502 will always have an address assignment of "0".
- MR52 address assignment starts at "1".
- The 1502 does not need to be assigned an address by DIP switches: they should all be OFF.
- Baud rate of 9600 is set by DIP switch S6. All MR52s should have S6 switched to ON.
- If a switch is not mentioned, the switch is set to OFF.

- Address 1: S1, S6
- Address 2: S2, S6
- Address 3: S1, S2, S6
- Address 4: S3, S6
- Address 5: S1, S3, S6
- Address 6: S2, S3, S6
- Address 7: S1, S2, S3, S6
- Address 8: S4, S6
- Address 9: S1, S4, S6
- Address 10: S2, S4, S6

- Use 22/6 shielded cable for keypad/readers within 250 ft. Use 18 for readers within 500ft.
- Use 18/4 stranded for Fail-Secure locks and 18/6 for Fail-Safe locks within 100 feet. Check strike manual for max gauge and wire-run length.
- Power supply jumper is pre-set to 12VDC. Power down before changing, if needed.
- If powering with 24V, will need to change power jumper from PT to 12V on each panel.
- Keypads must be installed no higher than 54 inches (to the top row of keys) above the floor if side reach is available. Otherwise, 48 inches is required.



- Contact sensors are to be installed 6-8 inches from the hinges on the top of the door/header.
- Multiple batteries can be used in series for longer backup durations.
- Strikes should be set to 12v input only, unless supplied by separate power source.
- First Input is for a door sensor.
- Next Input is for a Request to Exit (REX) device.
- Both these Inputs need to be defined online, in prospective door's settings.