

Parts List

- Qty 1... module bracket with 4 terminal blocks
- Qty 20... #6-32 1/4" screw
- Qty 20... #6-32 1/5" standoff
- Qty 4... #6-32 1/4" nut (for mounting the bracket to the backbox)

Dimensions

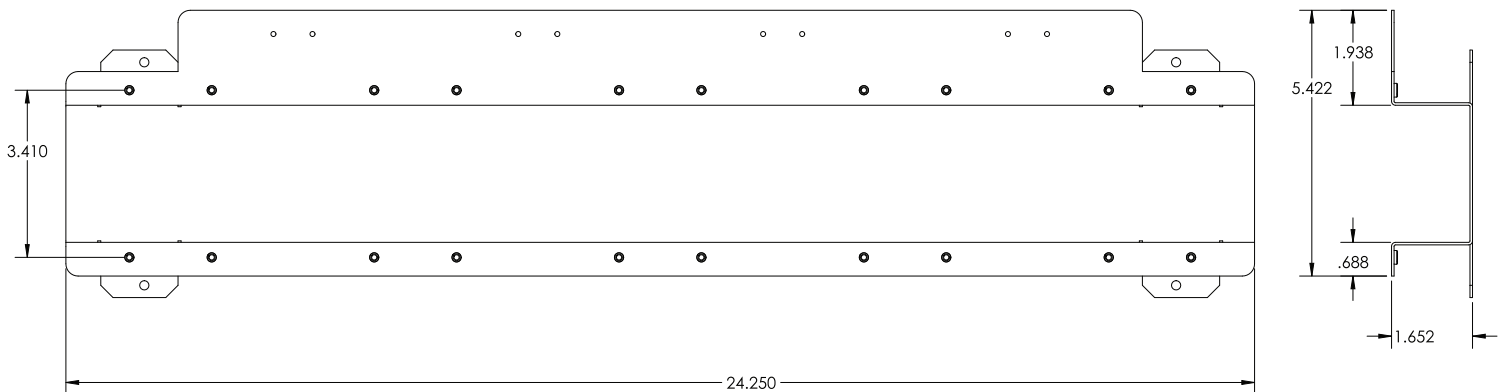


Figure 1 Dimensions of module bracket (inches)

Mounting the modules

The M500-BK9 Module Mounting Bracket holds up to 9 M500 series intelligent addressable modules which can be mounted in 2 layers. The first layer consists of 5 modules mounted to the bracket. The second layer consists of 4 modules mounted to standoffs. The terminal blocks provide an accessible field wiring location for 4 modules on the first layer. Refer to Figure 2.

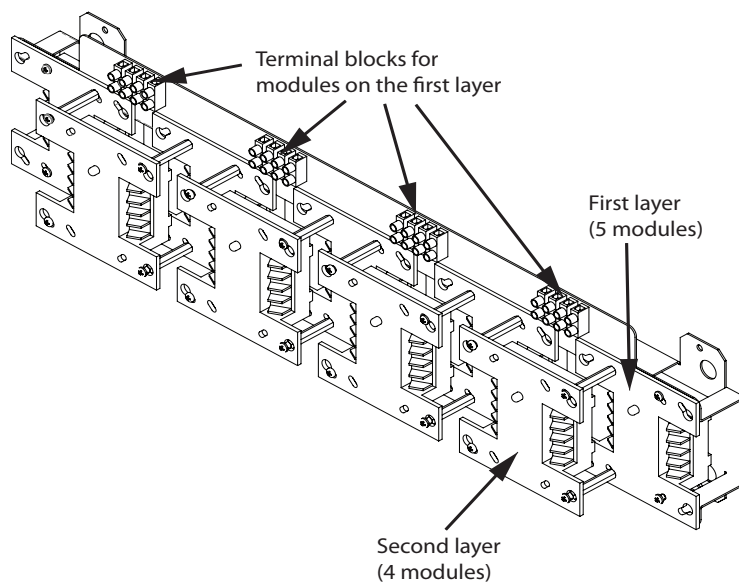


Figure 2 Bracket with 9 modules

If you are mounting 1 layer of modules

1. Mount up to 5 modules to the bracket using the included screws in the inner holes of the modules.
2. Mount the bracket to the backbox using either self-tapping screws or studs on the backbox.

If you are mounting 2 layers of modules

When all 9 modules are mounted, the 4 rightmost modules on the first layer are inaccessible. The terminal blocks provide an accessible field wiring location for these 4 modules. Follow the instructions below.

1. Mount 5 modules to the bracket using the included standoffs in the inner holes of the modules.
2. Wire the 4 rightmost modules (the ones furthest to the right) to the terminal blocks.

With firephone modules, connect the wires from the EOL (conventional loop) side to the terminal blocks.

Figure 3 shows an example of 4 firephone modules wired to the terminal blocks.

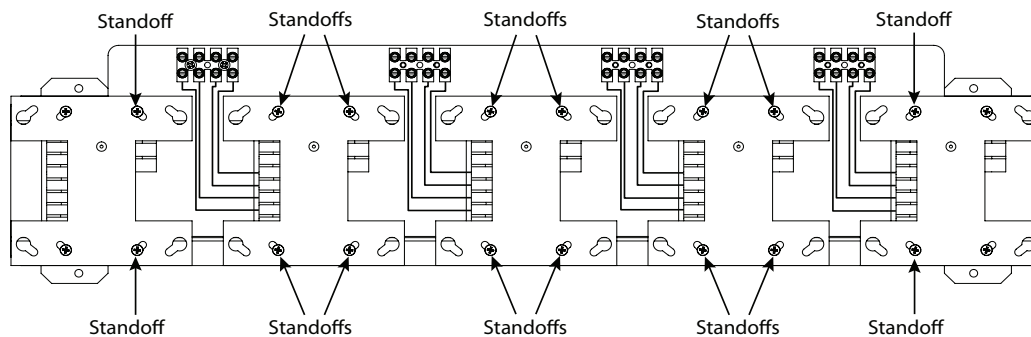


Figure 3 Example showing 4 firephone modules wired to the terminal blocks

3. Mount up to 4 modules to the standoffs using the included screws in the outer holes of the modules. Refer to Figure 2.
4. Mount the bracket to the backbox using either self-tapping screws or studs on the backbox.