

## ZM205 Relay Option Kit (AWT05-506247) Installation Instructions

These instructions are for installing the relay option kit in the ZM205 indicator.

The kit consists of:

- 1- relay option PCB
- 1- cable assembly, option PCB to main PCB
- 4 - panhead machine screw w/washer, M3X0.5 6MML SST



**CAUTION:** Always use proper anti-static procedures when handling a PC board.

### Installing the kit in the ZM205

1. Disconnect the power, any cables and unplug all detachable connectors.
2. Remove the four screws holding the enclosure parts together. Two screws are shown in [Figure 1](#). The other two screws are on the opposite end of the enclosure. Separate the two parts of the enclosure.



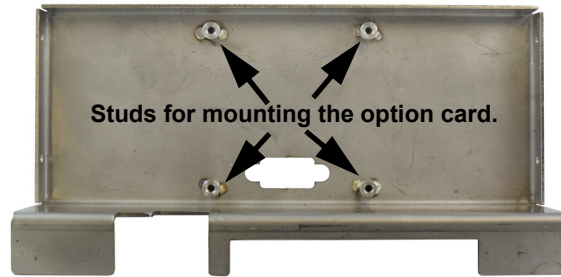
**Figure 1** Screw locations

3. Use a small screwdriver, as shown in [Figure 2](#), and rock the knockout tab back and forth until it comes free of the enclosure.



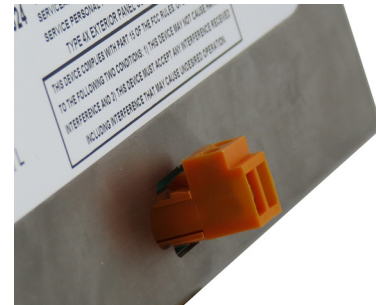
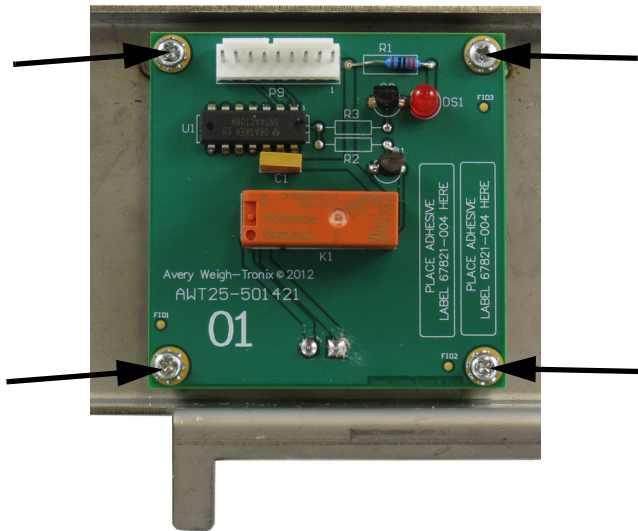
**Figure 2** Removing the knockout tab

4. [Figure 3](#) shows the inside of the back cover and the studs for mounting the option card.



**Figure 3 Mounting studs on the inside of the back cover.**

5. Use the supplied screws to attach the option card to the four studs, as shown in [Figure 4](#). The connector on the back of the option card must fit through the knockout, shown below, before you tighten the screws.



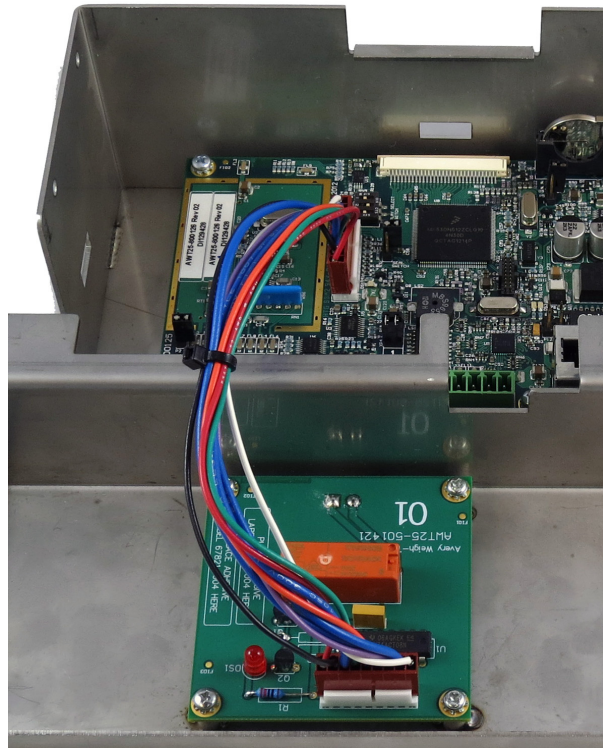
**Shown with connector attached.**

**Figure 4 Relay card in place**



***CAUTION: Always use proper anti-static procedures when handling a PC board.***

6. Connect the supplied cable between the P9 connector on the option card and the P9 connector on the main PCB in the indicator, as shown in [Figure 5](#). The connectors are polarized for proper orientation.



**Figure 5 Cable connection**

7. Reassemble the indicator and configure the new option card by following the instructions in the Service Manual.

## **Relay Card specifications**

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Contact Rating (Res. Load): 8A 250VAC / 8A 30VDC

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