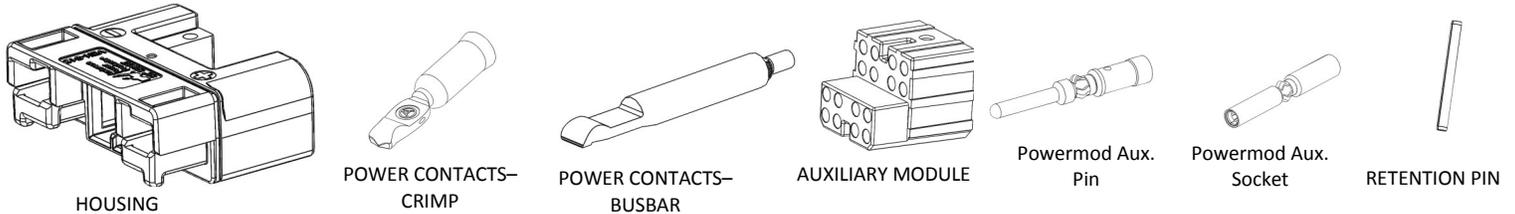


### SB Smart Assembly Instructions

**Tools you will need:**

- Crimp Tool– Power contacts
- Crimp Tool– Aux. contacts
- Adjustable Wrench– Busbar only
- PM1002G1– Aux. Insertion Tool
- PM1003G1– Aux. Extraction Tool

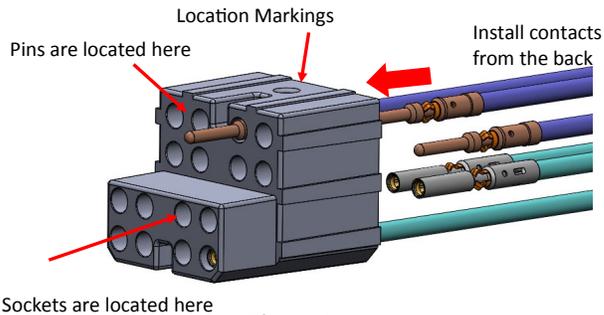
**Components:**



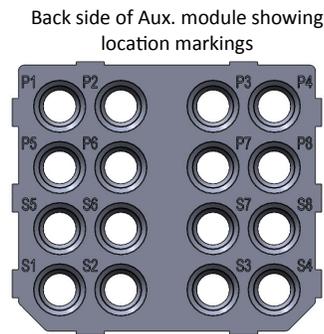
NOTE: Use either crimp or busbar contacts

**INSTRUCTIONS:**

1. Terminate power contacts onto wire or busbar and install in the housing per the following:  
 Follow assembly instruction 1S1030A if using crimp power contacts  
 Follow assembly instruction 1S6498 if using busbar contacts
2. Terminate auxiliary contacts onto wire . Follow assembly instruction 1S6420 and 1S6494 .
3. Install terminated auxiliary contacts on wire into the auxiliary module. Contacts install from the back of the module and are pushed in until they click in place. (Figure 1) With small wires it may be necessary to use assembly tool 1002G1.  
 Note the location of the pin and socket contacts. The back of the module has markings identifying the “P” and “S” locations. P1 mates with S1 on the mating connector (Figure 2). It is recommended to have a wiring diagram for the auxiliaries for all mating connectors.

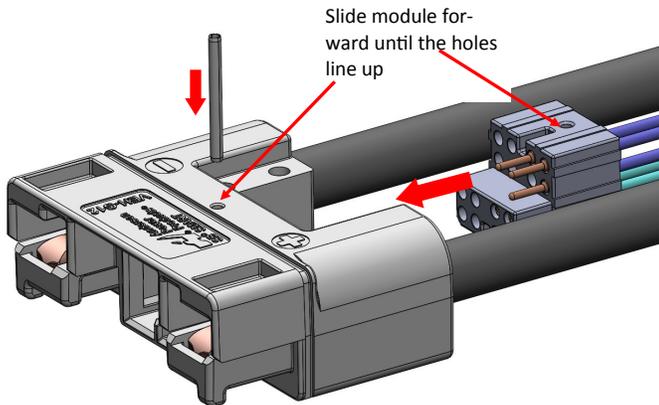


**Figure 1**

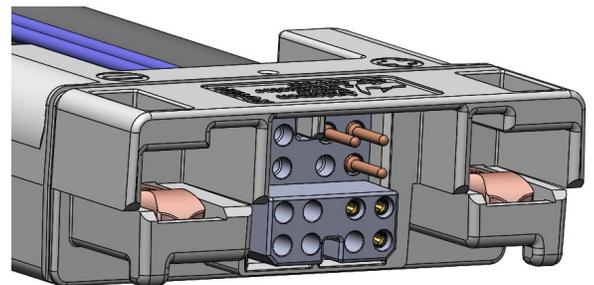


**Figure 2**

4. Install the auxiliary module into the main housing. The module installs from the back in the orientation shown. Push the module forward until it hits the housing stop. Then install the retention pin until flush (Figure 4)



**Figure 3**



**Figure 4**