ANDERSONPØWER

SB Smart Assembly Instructions

Tools you will need:

Crimp Tool-Power contacts

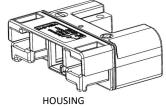
Crimp Tool- Aux. contacts

Adjustable Wrench-Busbar only

PM1002G1-Aux. Insertion Tool

PM1003G1- Aux. Extraction Tool

Components:





CRIMP







Pin



Socket

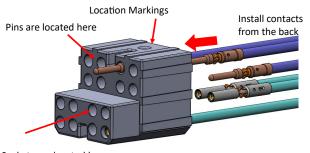


BUSBAR NOTE: Use either crimp or busbar contacts

INSTRUCTIONS:

- 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
- Terminate auxiliary contacts onto wire . Follow assembly instruction 1S6420 and 1S6494 .
- 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.



Sockets are located here

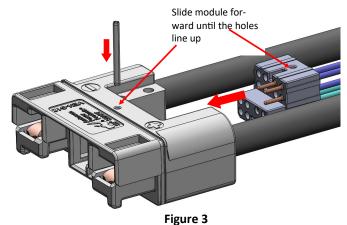
Figure 1

Back side of Aux. module showing location markings



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)





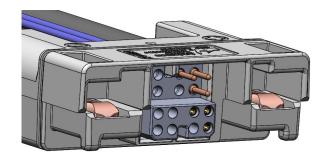


Figure 4

2023-0043 Spec. No. 1S6680, Rev. 1

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