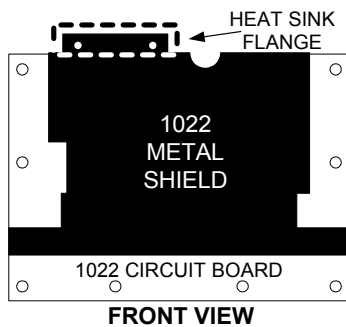


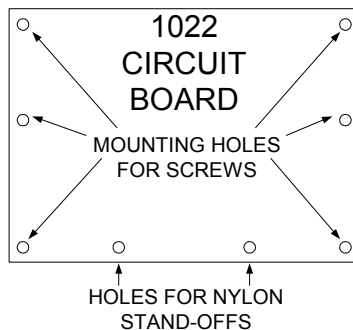
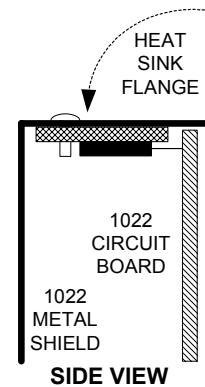
DSX-1022 RETROFIT KIT

The DSX-1022 is the direct replacement for the DSX-1021 and will fit in the same enclosure with only a few modifications.

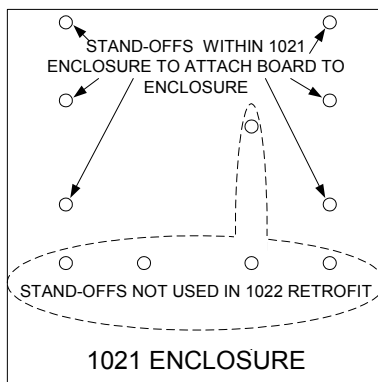
The DSX-1022 Retrofit Kit includes this page of documentation, 2 nylon stand-offs and 1 set of battery leads.



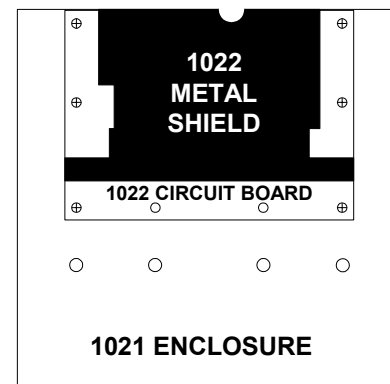
1. One required modification is to bend the vertical portion of the "HEAT SINK FLANGE" as shown at right. It is necessary that the flange be folded to allow the DSX-1022 with its "Metal Shield" (which is required) to fit within the DSX-1021 enclosure. Using a pair of Klein Lineman Pliers, Channel Lock Pliers or other comparable tool fold the flange flat against the "1022 Metal Shield". The flange can be folded while the shield is attached to the "1022 Circuit Board" however care should be observed to ensure the integrity of the horizontal portion of the flange and the transistor heat sink. The DSX-1022 Shield must be attached to the circuit board.



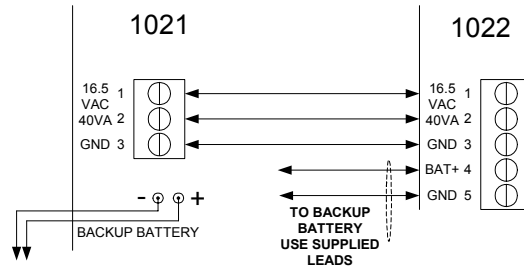
2. It is required that the provided nylon stand-off posts be inserted in the back of the DSX-1022 circuit board into the holes shown on the left before mounting it in the DSX-1021 enclosure. The circuit board should be mounted to the enclosure while the metal shield is attached. Attach the circuit board with the screws that were removed when the 1021 circuit board was taken from this enclosure.



3. The DSX-1022 uses only 6 of the metal stand-offs within the 1021 enclosure, as shown to the left. The remaining stand-offs are not needed for this retrofit.

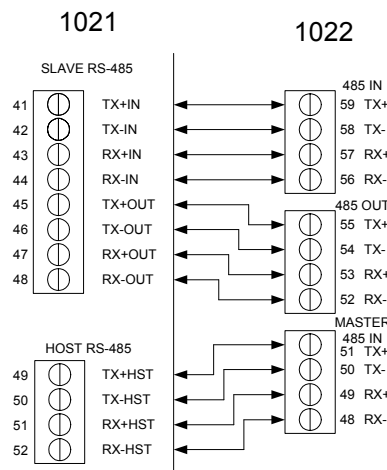


POWER TERMINATIONS



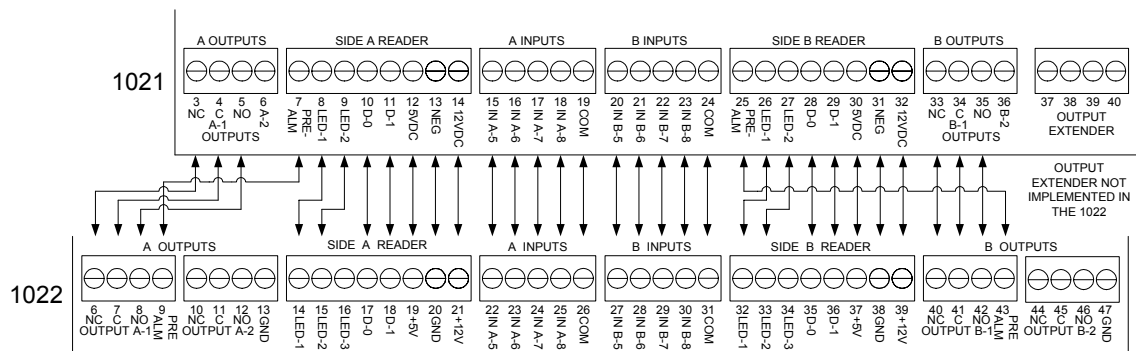
- Connect the supplied set of battery leads to the DSX-1022 observing polarity. Red (+) to #4, Black (-) to #5

COMMUNICATIONS TERMINATIONS



- RS-485 Slave Comm must be moved from the old 8 position terminal block to the new 4 position terminal blocks.

INPUTS, OUTPUTS AND READER TERMINATIONS



- Change the wiring associated with the output #2s, pre-alarm and reader port. The DSX-1022 comes with four “Form-C” Output Relays whereas the DSX-1021 comes with two “Form-C” Output Relays and two Open Collector Outputs. The configuration of the Open Collector Outputs are too dynamic to display all possible conversion options. If assistance is needed for this conversion contact DSX Technical Support.