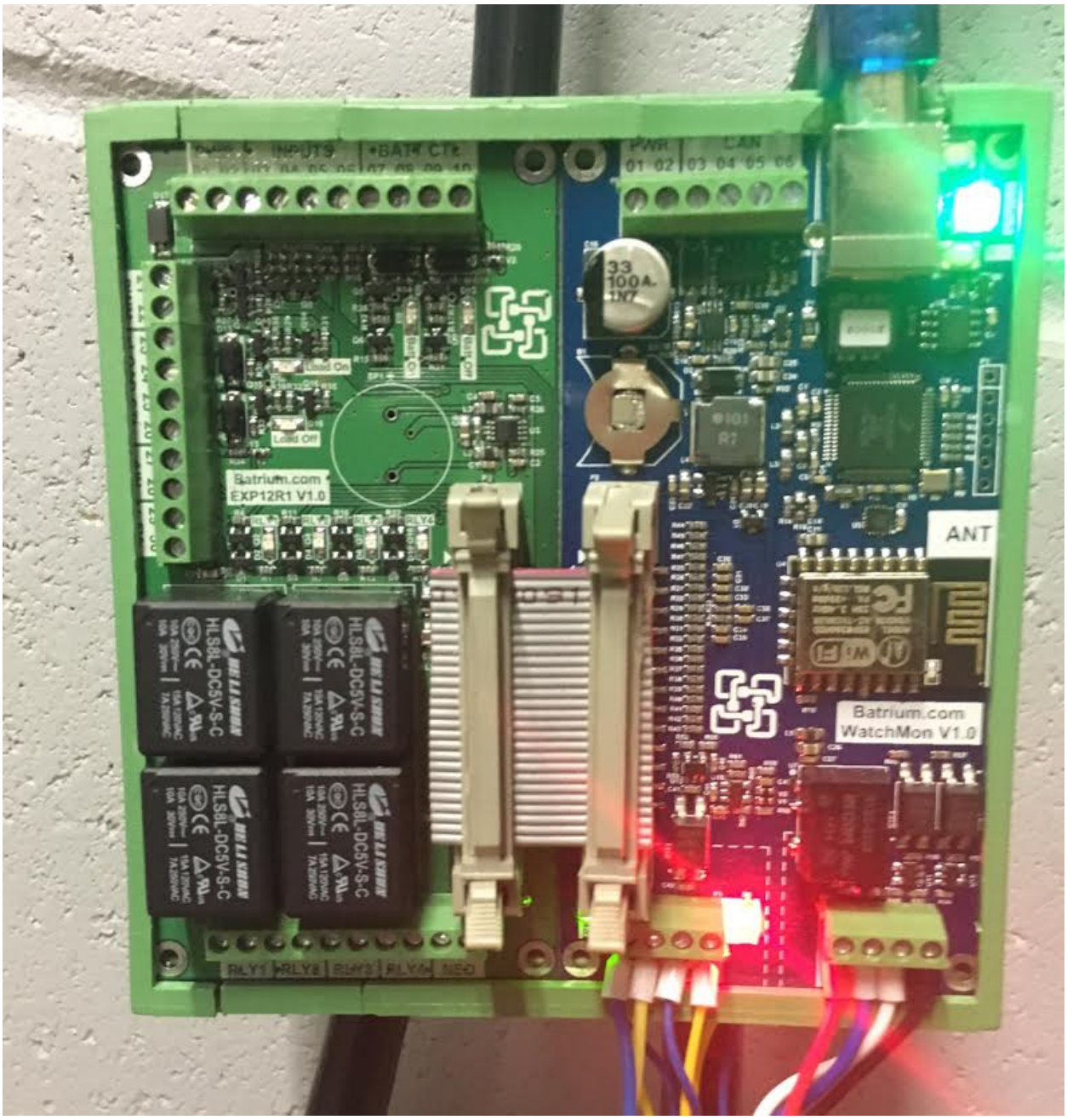
Assembly of the Watchmon / Expansion Board with the Camden Boss PCB Din Rail Holder

THIS METHOD RELATES TO WATCHMON 1 ONLY AND HAS BEEN SUPERCEDED AS PRODUCT IS NOW DELIVERED BUILT AND WITH COVERS.

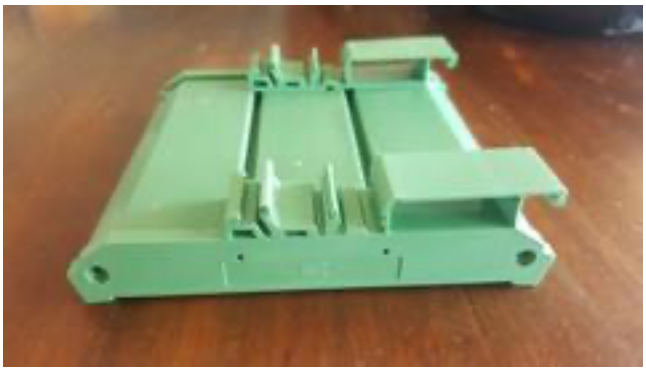
How to assemble the components into the PCB din rail holder:



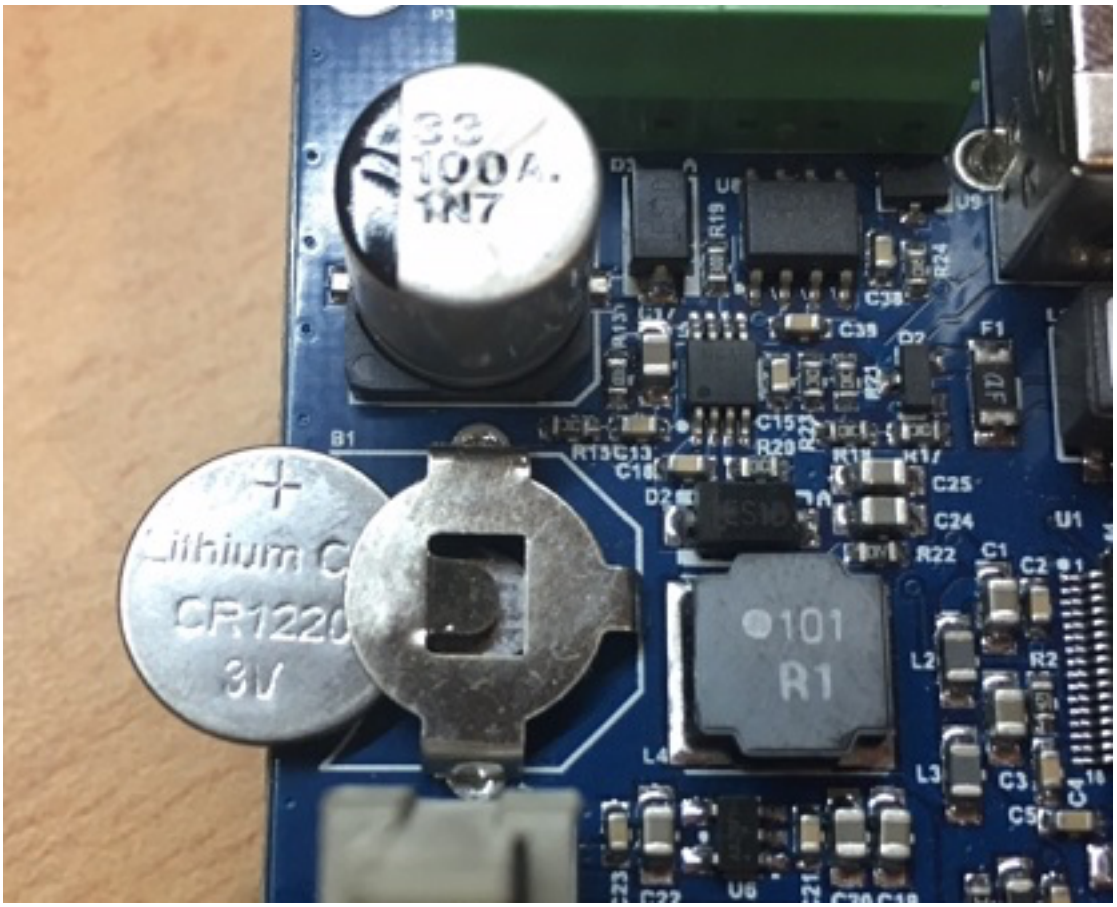
Requirements

- 1 x WatchMon supervisor
- 1 x Expansion board
- 1 x 18 mm spacers (Camden boss CIME/E/BE/1850S)
- 2 x 35 mm spacers (Camden boss CIME/E/BEF/3500S)
- 2 x end plates (Camden boss CIME/E/SE1000S)
- 1 x 26 pin IDE Ribbon link

PCB Din Rail holder assembly

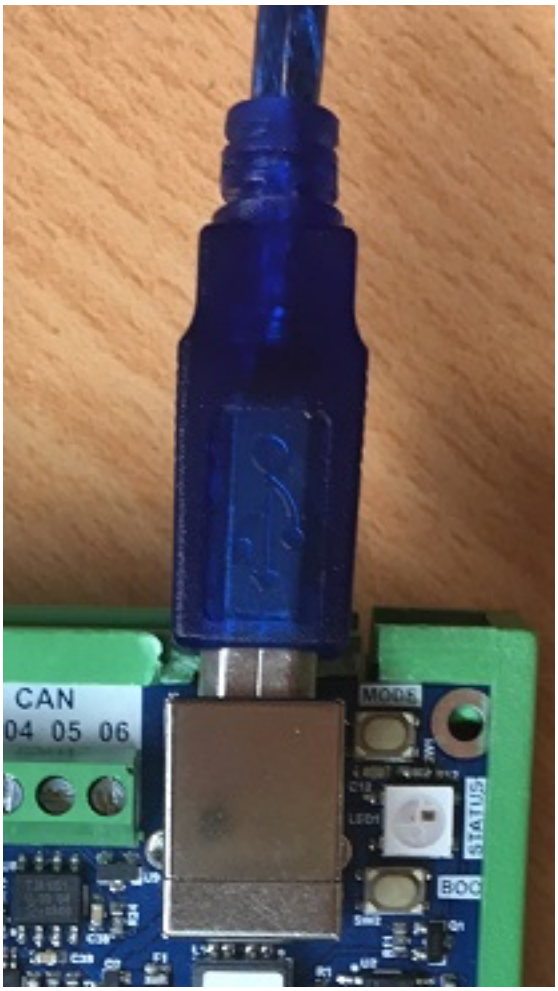


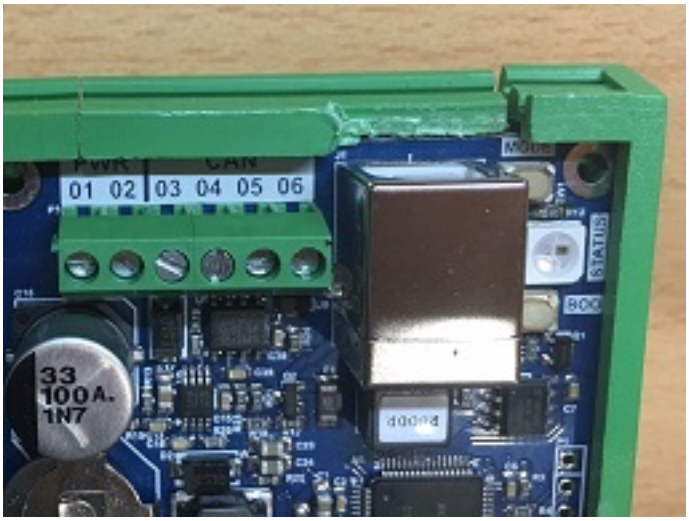
Remember to add the clock RTC battery to the WatchMon before assembling into PCB holder if it is not already present.

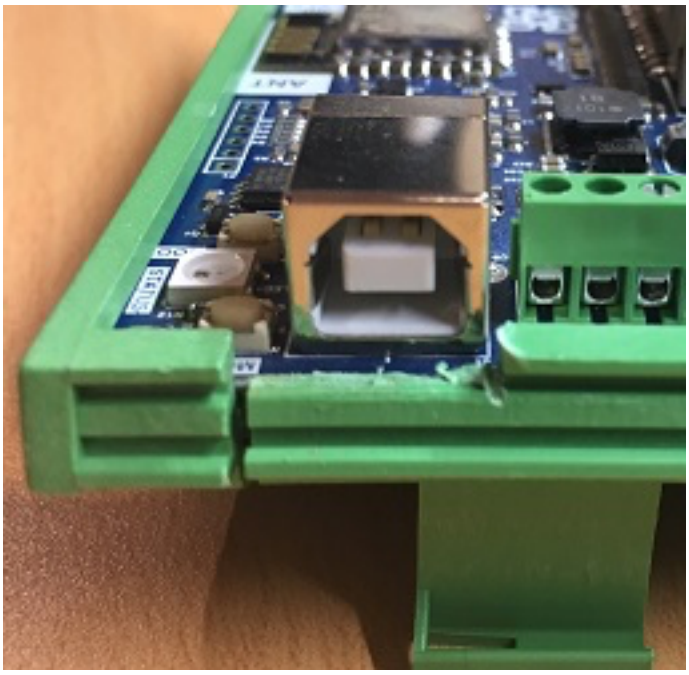


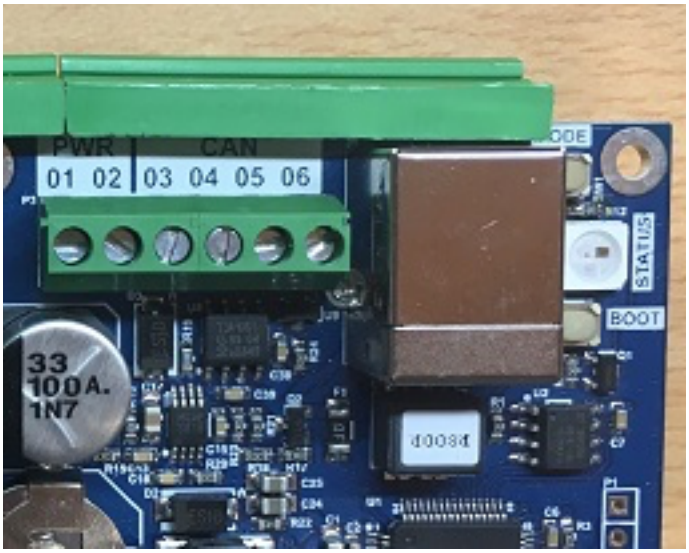
Trimming USB location

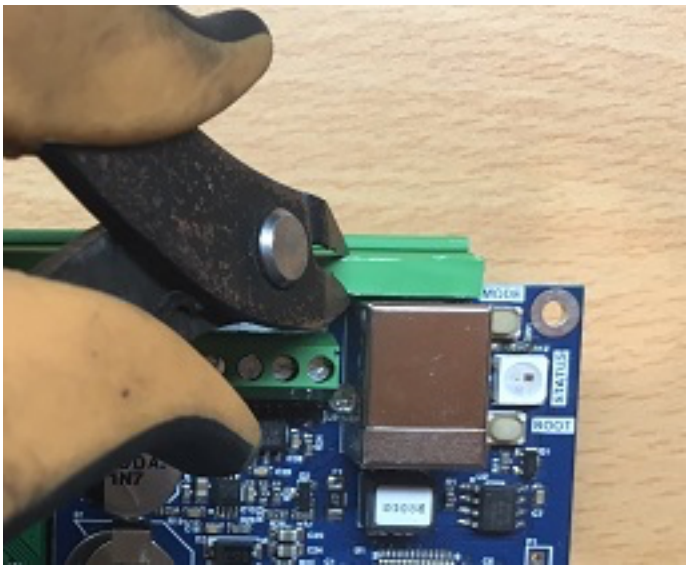
Adjust for the USB-B socket insertion.

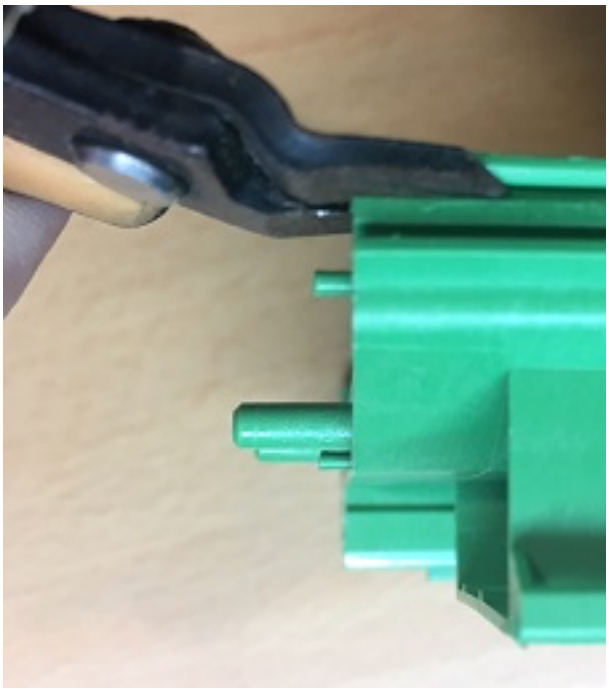

CAN
04 05 06
MODE
STATUS


01 02 03 04 05 06
MODE
STATUS
33
100A.
1N7

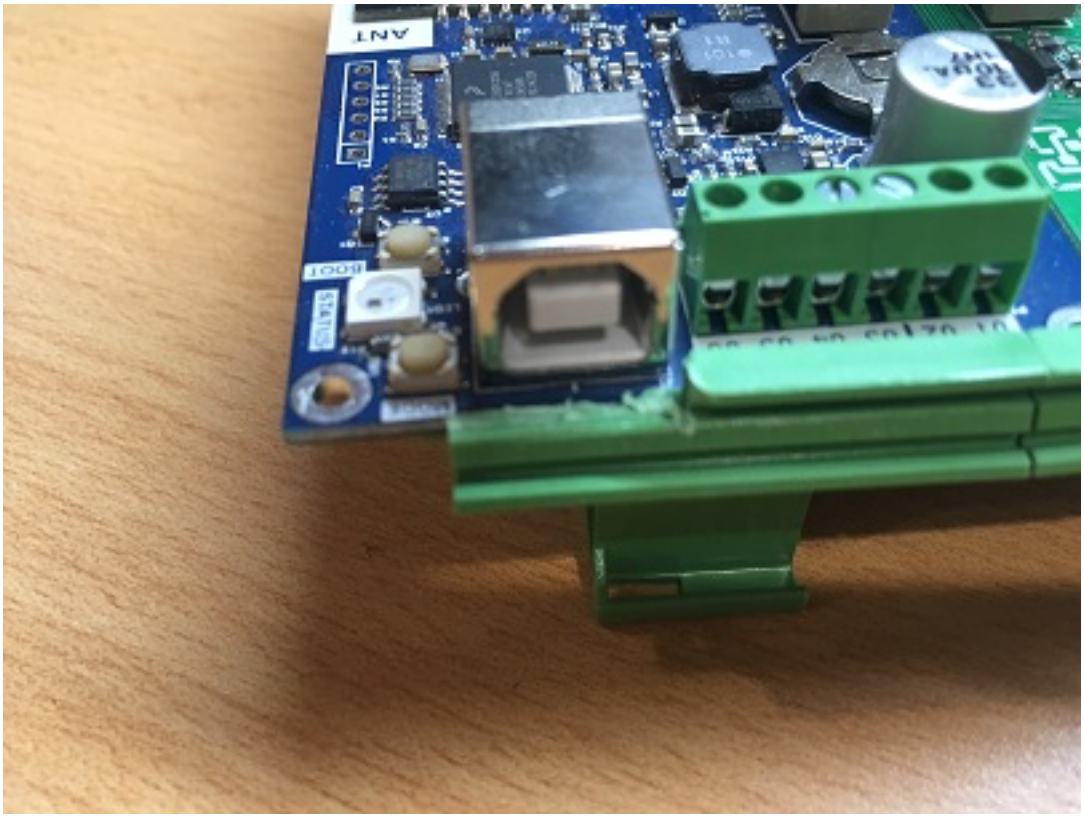



PWR
CAN
01 02 03 04 05 06
BOOT
33
100A.
1N7

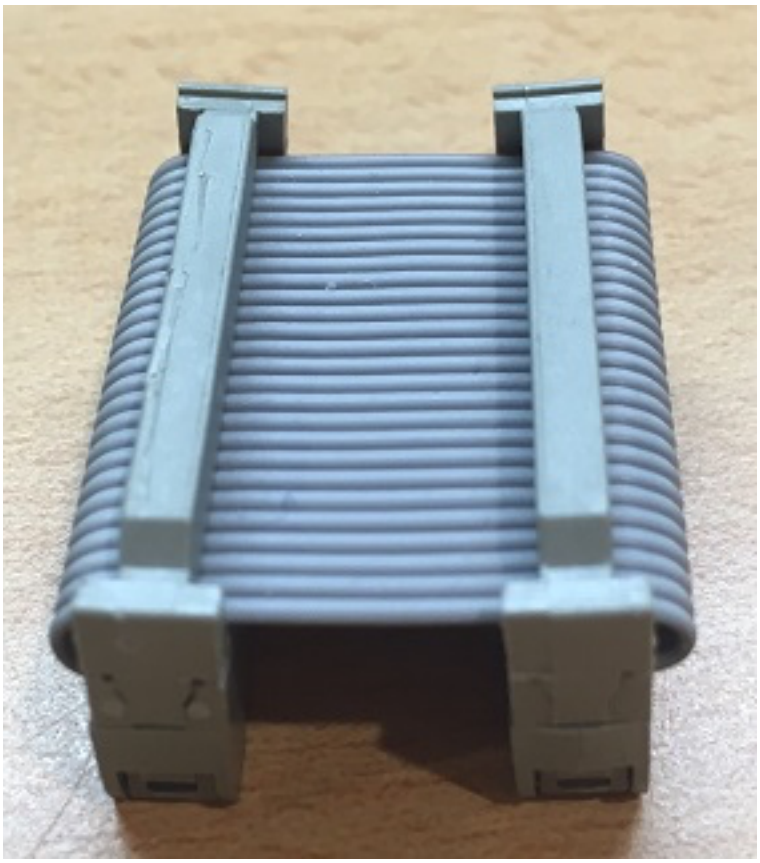

STATUS
BOOT

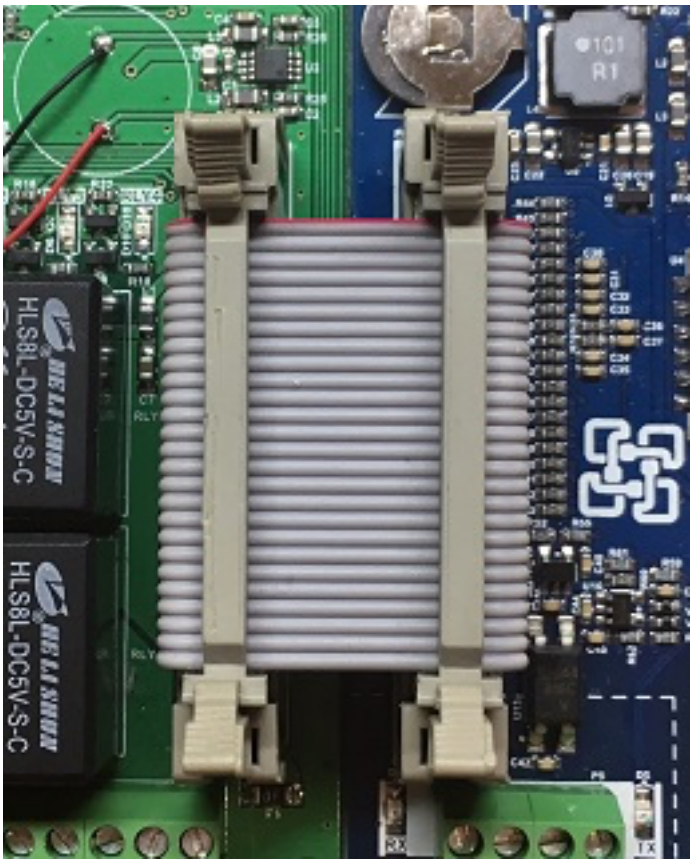


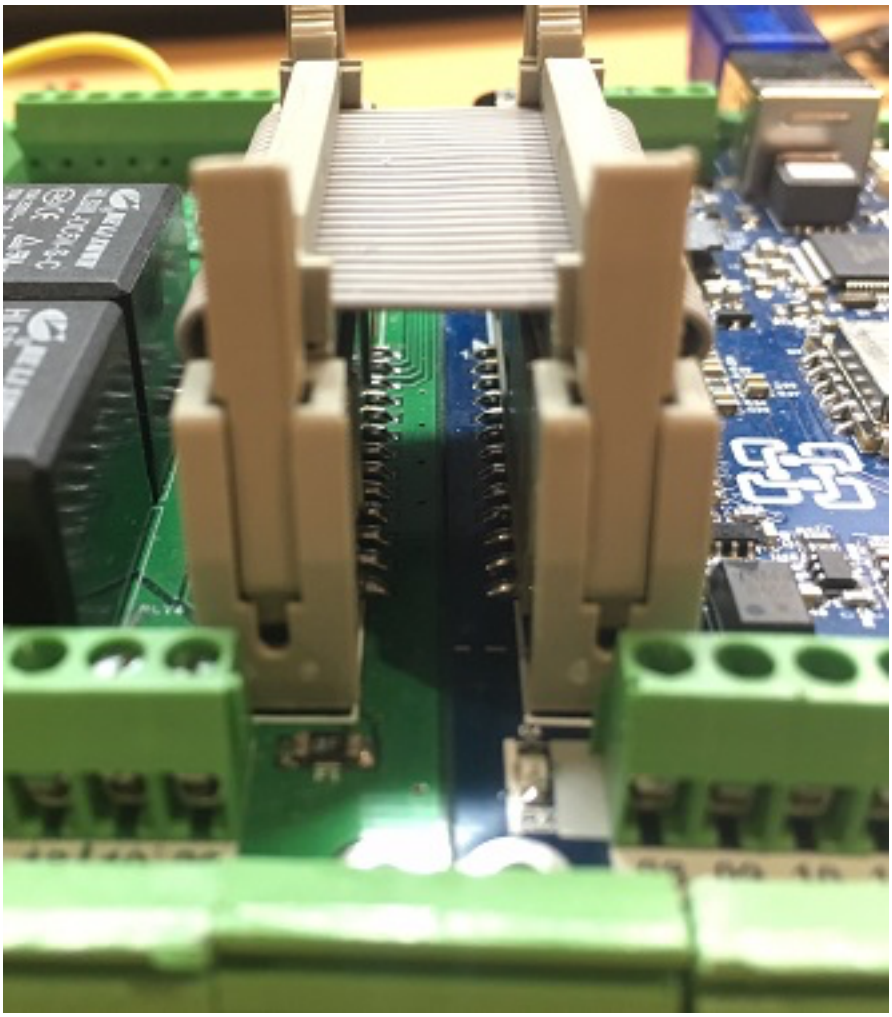
Slide PCB along the top/bottom into the holder.



Linking between WatchMon and Expansion Board

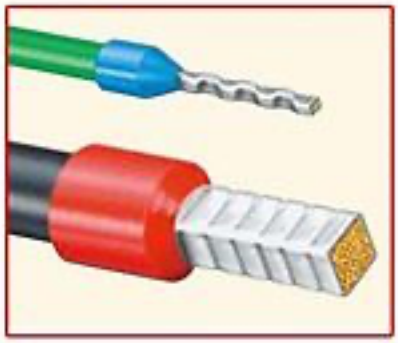



HLS8L-DC5V-S-C
HLS8L-DC5V-S-C
101
R1



Recommendation when wiring into screw terminals

For a durable solution use bootlace / ferral covers over all cables connected to screw terminals, raw cables have a number of draw backs. The length may need to be trimmed before insertion into 2.5 mm terminal.

- 0.5 mm 2 Crimp Cord Wire End Terminal Bootlace Ferrule Connector.

- Self-Adjustable Ratcheting Ferrule Pliers Crimper HSC 8 6-4A 0.25-6 mm² AWG 23-10.