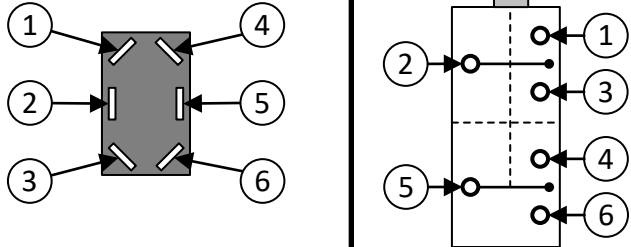
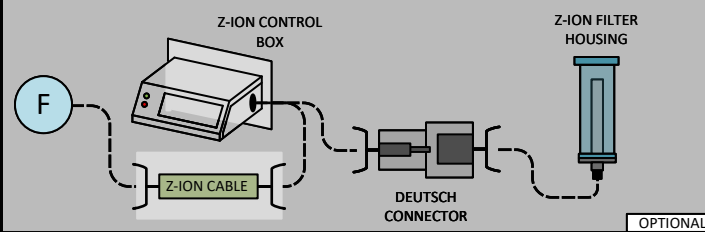


Detail View 1: DPDT Switch Operational Schematic



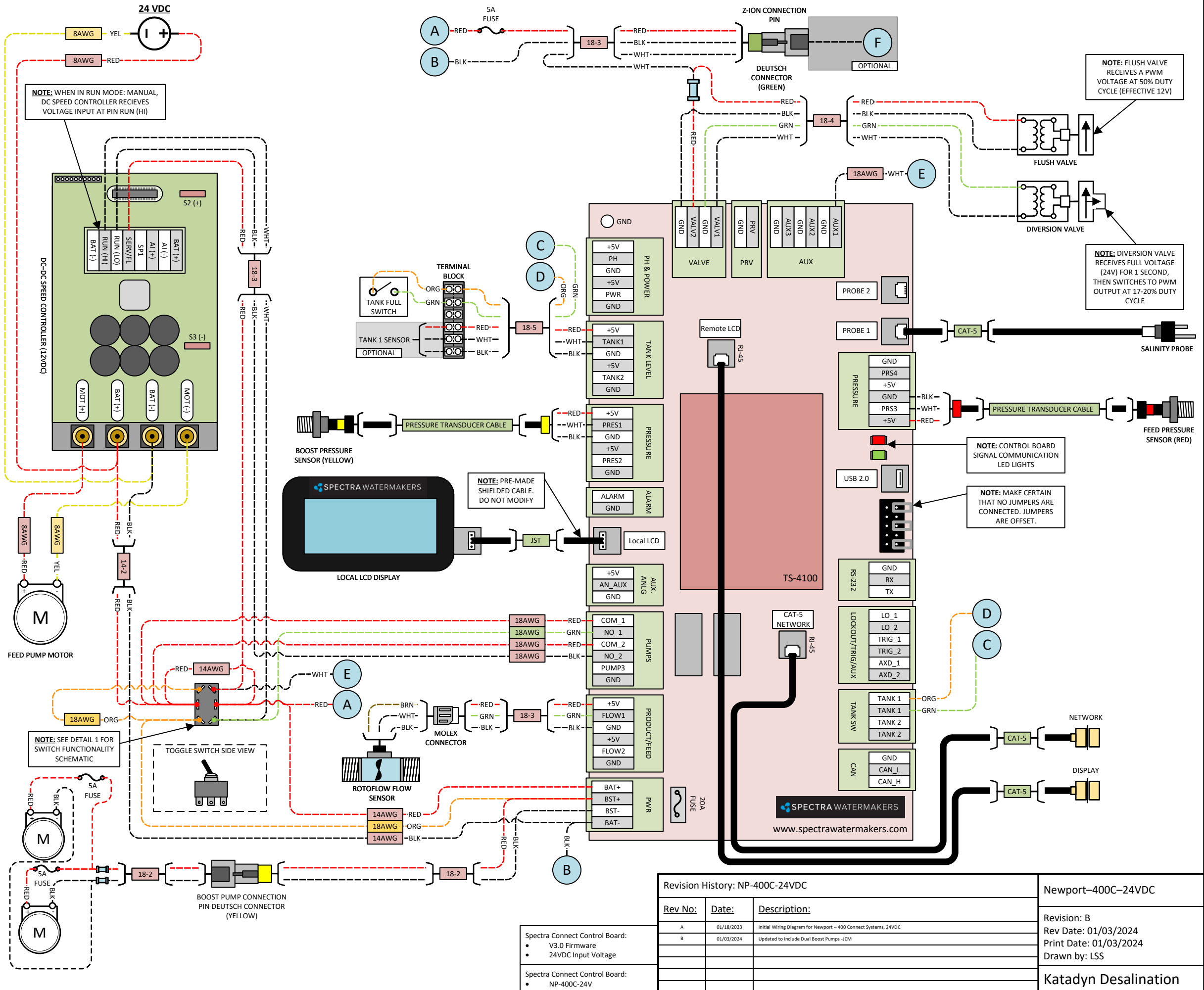
**RUN (AUTO):** MIDDLE – NO CONNECTIONS MADE  
**RUN (MANUAL):** DOWN – PIN 2 TO PIN 3, PIN 5 TO PIN 6  
**RUN (SERVICE):** UP – PIN 2 TO PIN 1, PIN 5 TO PIN 4

Detail View 2: Z-Ion Wiring/Connection (Optional)



List of Symbols: KEY

BLK	WIRE COLOR LABEL – INDICATES A BLACK WIRE
RED	WIRE COLOR LABEL – INDICATES A RED WIRE
WHT	WIRE COLOR LABEL – INDICATES A WHITE WIRE
GRN	WIRE COLOR LABEL – INDICATES A GREEN WIRE
YEL	WIRE COLOR LABEL – INDICATES A YELLOW WIRE
ORG	WIRE COLOR LABEL – INDICATES AN ORANGE WIRE
18-2	WIRE GAUGE LABEL – INDICATES A GAUGE FOR A CABLE OF MULTIPLE WIRES, FORMATED AS (WIRE GAUGE)-(NUMBER OF WIRES IN CABLE)
18AWG	WIRE GAUGE LABEL – INDICATES A GAUGE FOR A SINGLE WIRE
CAT5	CAT5 ETHERNET CONNECTION PORT
USB	USB CONNECTION PORT
LCD-JST	LCD-JST CONNECTION PORT
WIRING NODE	WIRE BUTT SPLICE CONNECTION
FUSE	FUSE – NECESSARY SIZING INFORMATION CALLED OUT ON WIRING DIAGRAM
CABLING	CABLING – JST AND CAT5 PRE-FABRICATED CABLES
---	WIRING – SINGLE WIRE BLACK OR WHITE – TYPICAL COMM COLOR
---	WIRING – SINGLE WIRE RED – TYPICAL ENERGIZED COLOR
---	WIRING – SINGLE WIRE YELLOW – TYPICAL NEUTRAL COLOR
---	WIRING – SINGLE WIRE GREEN – TYPICAL GROUNDING COLOR
---	WIRING – SINGLE WIRE ORANGE – TYPICAL POWER SIGNALING COLOR
A	NOTATION – WIRE CONTINUITY SYMBOL INDICATES CONTINUITY BETWEEN MATCHING ALPHABETIC SYMBOLS – LARGE ALPHABETIC CIRCLE



Revision History: NP-400C-24VDC

Rev No:	Date:	Description:
A	01/18/2023	Initial Wiring Diagram for Newport – 400 Connect Systems, 24VDC
B	01/03/2024	Updated to Include Dual Boost Pumps -JCM

Newport-400C-24VDC  
 Revision: B  
 Rev Date: 01/03/2024  
 Print Date: 01/03/2024  
 Drawn by: LSS  
 Katadyn Desalination

- Spectra Connect Control Board:
  - V3.0 Firmware
  - 24VDC Input Voltage
- Spectra Connect Control Board:
  - NP-400C-24V