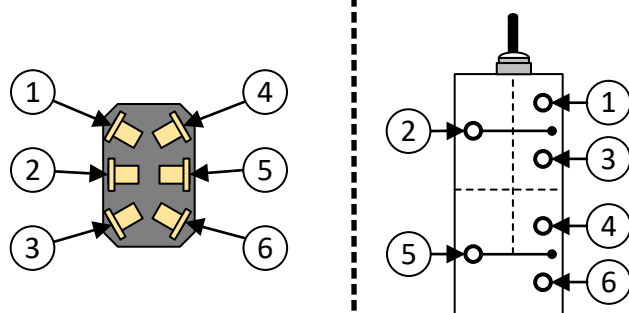
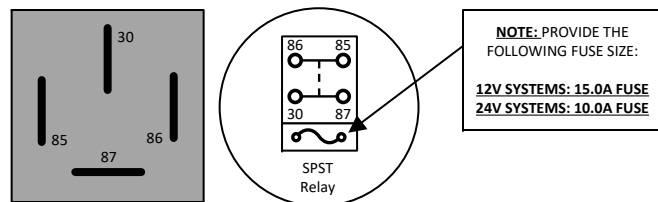


Detail View: DPDT Switch Operational Schematic

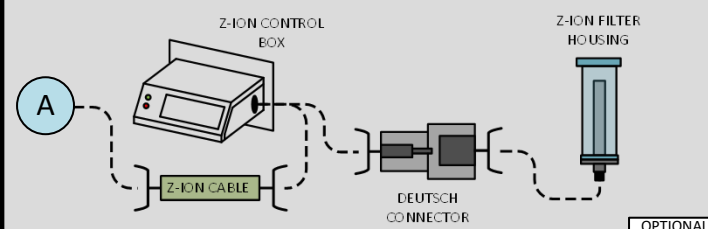


RUN (AUTO): MIDDLE – NO CONNECTIONS MADE
RUN (MANUAL): UP – PIN 2 TO PIN 3, PIN 5 TO PIN 6
RUN (SERVICE): DOWN – PIN 2 TO PIN 1, PIN 5 TO PIN 4

Detail View: SPST Relay Connection Identification



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



List of Symbols: KEY

BLK	WIRE COLOR LABEL – INDICATES A BLACK WIRE
WHT	WIRE COLOR LABEL – INDICATES A WHITE WIRE
RED	WIRE COLOR LABEL – INDICATES A RED 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
	WIRE GAUGE LABEL – INDICATES A GAUGE FOR A CABLE OF MULTIPLE WIRES, FORMATED AS (WIRE GAUGE)-(NUMBER OF WIRES IN CABLE)
	WIRE GAUGE LABEL – INDICATES A GAUGE FOR A SINGLE WIRE
	FUSE – NECESSARY SIZING INFORMATION CALLED OUT ON WIRING DIAGRAM
	DIODE – NECESSARY SIZING INFORMATION CALLED OUT ON WIRING DIAGRAM
	COMMUNICATION PORT – CAT-5 COMM PROTOCOL CONNECTION
	WIRING – PASS THROUGH CONNECTOR – RJ-45/RJ-12
	WIRING – SINGLE WIRE BLACK <u>OR</u> WHITE – TYPICAL COMM COLOR
	WIRING – SINGLE WIRE RED – TYPICAL ENERGIZED COLOR
	WIRING – SINGLE WIRE GREEN – TYPICAL GROUND COLOR
	WIRING – SINGLE WIRE YELLOW – TYPICAL NEUTRAL COLOR
	WIRING – SINGLE WIRE ORANGE – TYPICAL SIGNAL COLOR
	CABLING – JST AND CAT5 PRE-FABRICATED CABLES
	NOTATION – WIRE CONTINUITY SYMBOL INDICATES CONTINUITY BETWEEN MATCHING ALPHABETIC SYMBOLS – LARGE ALPHABETIC CIRCLE

Control System:

- Remote Manual System
- 48VDC Input Voltage

Applicable System Numbers:

- CT-340R-48V
- CT-340RS-48V

Revision History: CT-340R/340RS-48VDC

Rev No:	Date:	Description:
A	09/10/2023	Initial Wiring Diagram for Remote Manual Catalina-340R/340RS Systems, 48VDC

Catalina-340R/340RS-48VDC

Revision: A
 Rev Date: 09/10/2023
 Print Date: 09/10/2023
 Drawn by: LSS

Katadyn Desalination

