



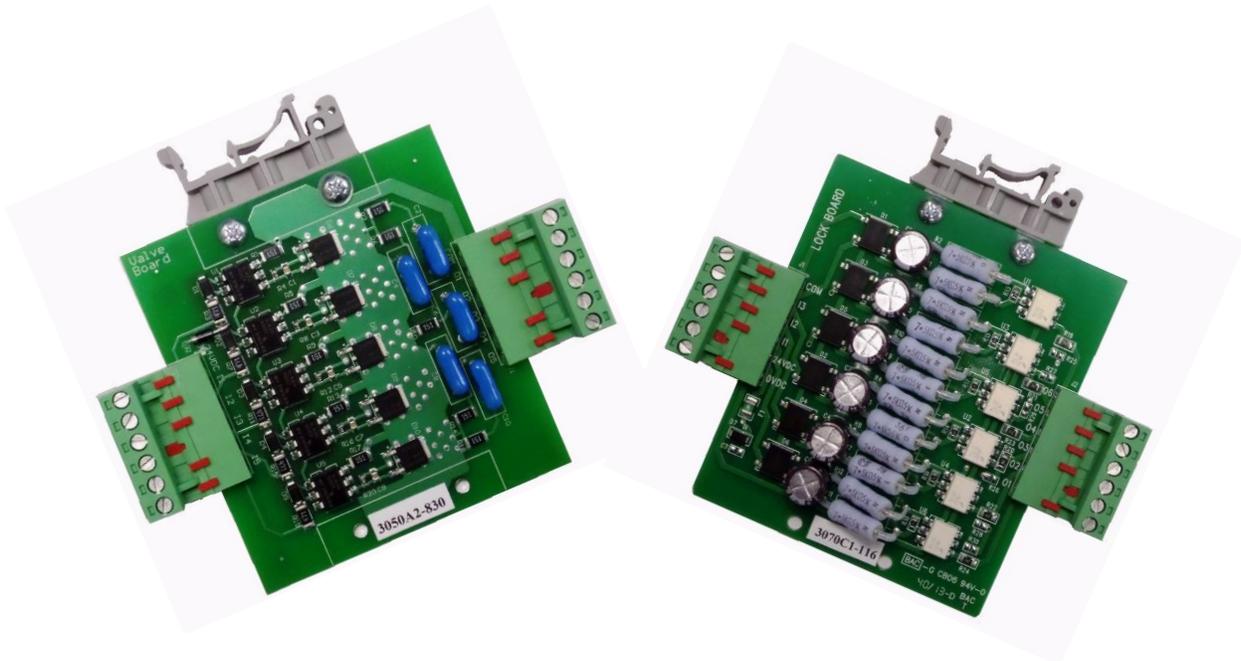
SMARTRISE

MADE STRONG

INSTALLATION MANUAL

for

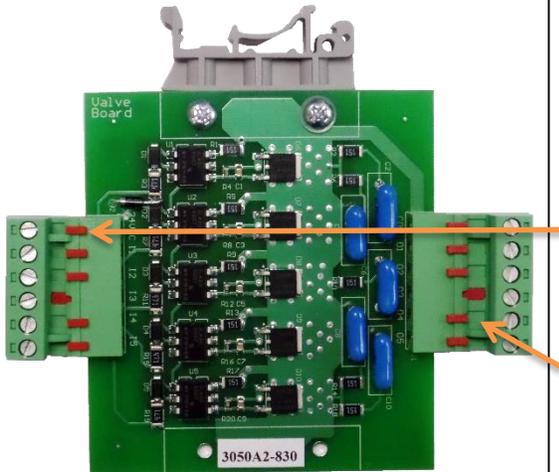
Valve and Lock Interface Boards



Valve and Lock Interface Board Replacement Instructions

Please follow these instructions when replacing the new Smartrise interface boards (Valve and Interlock).

Valve Board (Hydro Only):

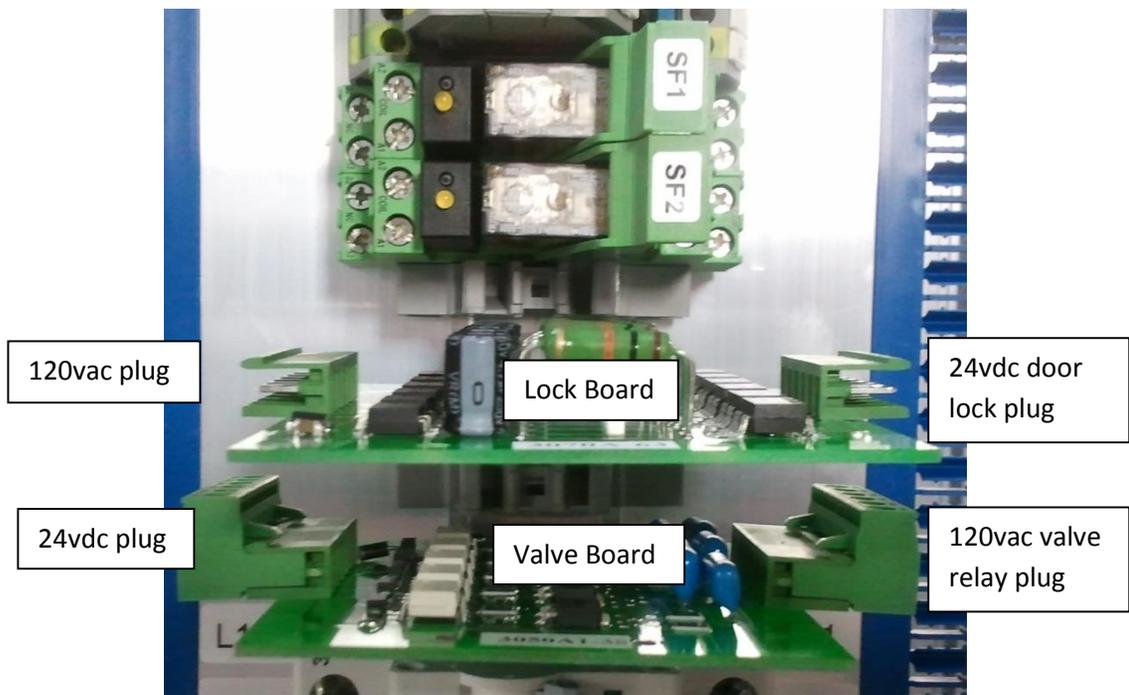


Make sure the valve board has the mounting bracket installed as shown in the picture to the left. The connector plugs have to be installed on the correct side or the board will short out. The newer style plugs have red keys inserted to prevent the lock and valve board from being installed on the opposite side.

The 24VDC Input side is labeled as 24VDC, I1, I2, I3, I4, & I5 which go to machine room SRU outputs: 602 (I1), 603 (I2), 604 (I4), 605 (I3) & 606 (I5).

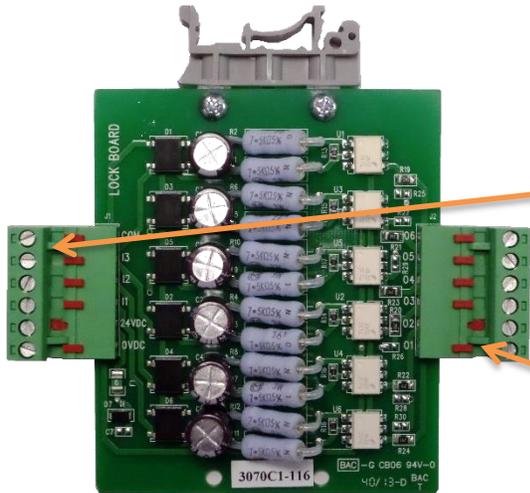
The 120VAC Output side is labeled COM, O1, O2, O3, O4, & O5 which go COM (SF1 relay Pin 14) and to DIN rail terminals: SM (O1), UPH (O2), UPL (O3), DNH (O4) & DNL (O5).

The orientation of both the valve and lock boards on the controller mounting rail is as follows:



Valve and Lock Interface Board Replacement Instructions

Lock Board (All Controllers):



Make sure the Lock board has the mounting bracket installed as shown in the picture to the left. The connector plugs have to be installed on the correct side or the board will short out. The newer style plugs have red keys inserted to prevent the lock and valve board from being installed on the opposite side.

The 120VAC Input side is (J1) labeled as COM, I3, I2, I1, 24VDC & 0VDC which go to DIN rail terminals: N (COM), THL (I3), MHL (I2) & BHL (I1), M24 (24VDC), REF (0VDC).

The 24VDC Output side (J2) is labeled O6, O5, O4, O3, O2, O1 which go to machine room SRU board inputs 501 (O1), 502 (O4), 503 (O2), 504 (O5), 505 (O3), 506 (O6).

The orientation of both the valve and lock boards on the controller mounting rail is as follows:

