

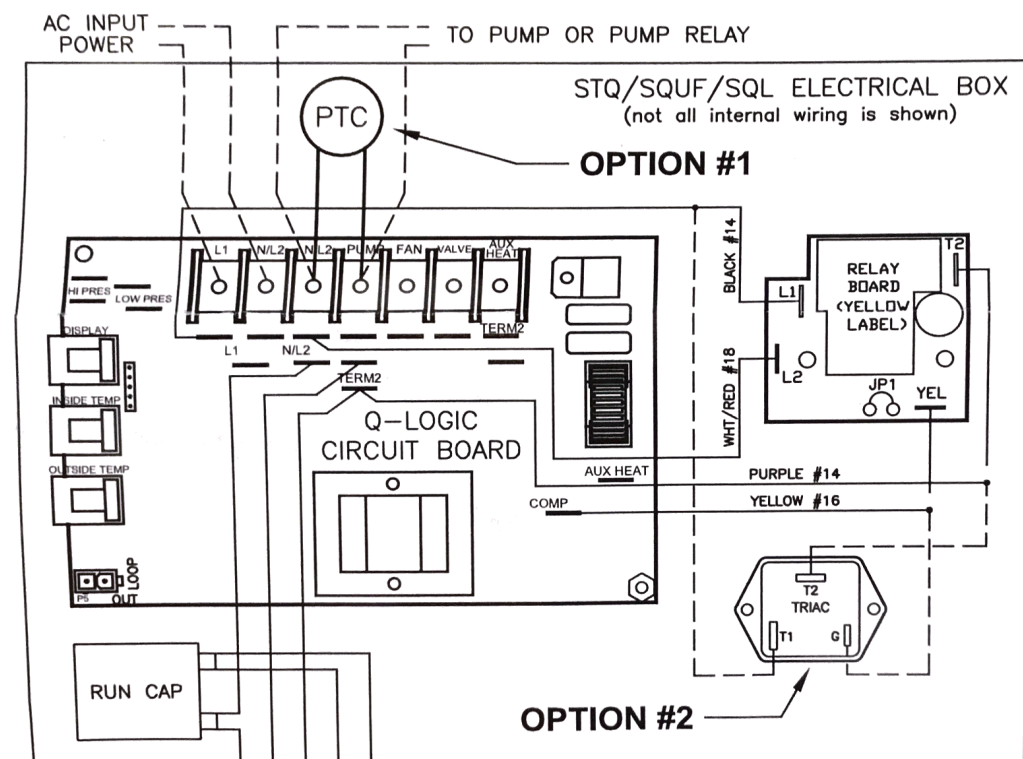
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REV	DATE	REVISION DESCRIPTION		
A	01/12/17	NOW SMARTSTART III, BLUE/ORNG START WIRE, CAD031-17	CT	TV

# SMARTSTARTIII INSTALLATION ADDENDUM FOR CRUISAIR STQ, SQUF & SQL SYSTEMS WITH REV B Q-RELAY (SHIPPED 9/2009-7/2010)

**\*WARNING\* TURN BREAKER OFF BEFORE SERVICING.**

FOR STQ, SQUF, & SQL SYSTEMS SHIPPED FROM 11/2009 THROUGH 7/2010, THE REV B Q-RELAY BOARD (YELLOW LABEL) USED IN THE ELECTRICAL BOX IS NOT COMPATIBLE WITH THE SMARTSTART. THERE ARE TWO REMEDY OPTIONS DESCRIBED HERE TO RESOLVE THIS. FOR SYSTEMS SHIPPED AFTER 7/2010, A NEW REV C Q-RELAY BOARD (BLUE LABEL) WILL BE USED WHICH IS COMPATIBLE WITH THE SMARTSTART AND DOES NOT REQUIRE APPLICATION OF EITHER OF THESE REMEDIES.

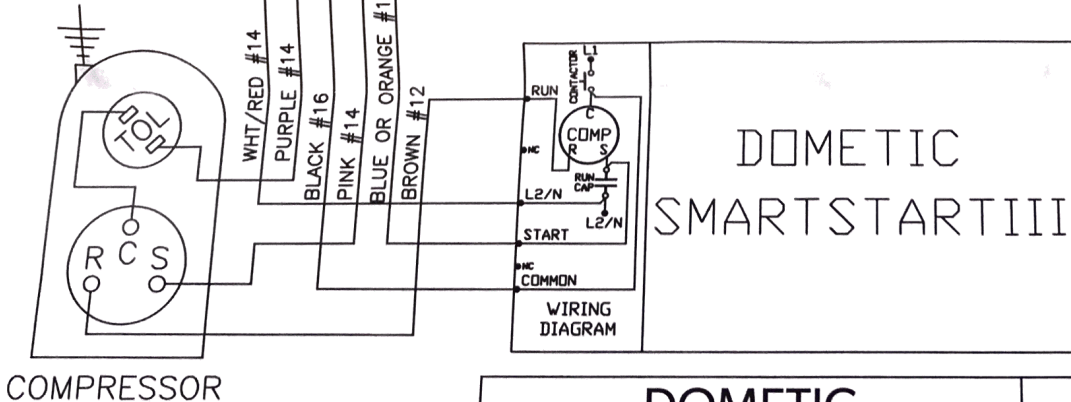


### OPTION #1 - INSTALL PTC LOADING DEVICE (DOMETIC P/N 4220046):

THIS DEVICE MUST BE PURCHASED SEPARATELY. INSTALL THE PTC LOADING DEVICE ACROSS THE PUMP L1 AND PUMP L2 TERMINALS ON THE Q-LOGIC CIRCUIT BOARD TERMINAL STRIP. THE PTC CAN REACH HIGH TEMPERATURES, SO POSITION IT TO INSURE THAT IT DOES NOT COME IN CONTACT WITH ANY WIRES OR THE INSIDE OF THE ELECTRICAL BOX PLASTIC COVER.

### OPTION #2 - REPLACE THE Q-RELAY REV B BOARD WITH COMPRESSOR TRIAC (DOMETIC P/N A-548):

THIS DEVICE MUST BE PURCHASED SEPARATELY. DISCONNECT THE WIRES FROM THE Q-RELAY BOARD, REMOVE IT AND ITS MOUNTING HARDWARE, AND INSTALL THE TRIAC IN ITS PLACE ON THE STUDS USING THERMAL COMPOUND AND TWO #4-40 NUTS. RECONNECT THE T1, T2 & GATE WIRES PER THE WIRING DIAGRAM. THE L2 WIRE IS NOT REQUIRED FOR THE TRIAC AND CAN BE DISCARDED.



<b>DOMETIC</b>			
SMARTSTARTIII INSTALLATION ADDENDUM FOR CRUISAIR STQ/SQUF SYSTEMS W/ REV B Q-RELAY, 115-240V/50-60HZ/1φ			
DATE: 12/18/14	DWG BY: DRR	PART NUMBER: 0880306	DWG
SCALE: NTS	APR BY: TV		<b>D8010007</b>
			REV <b>A</b>