

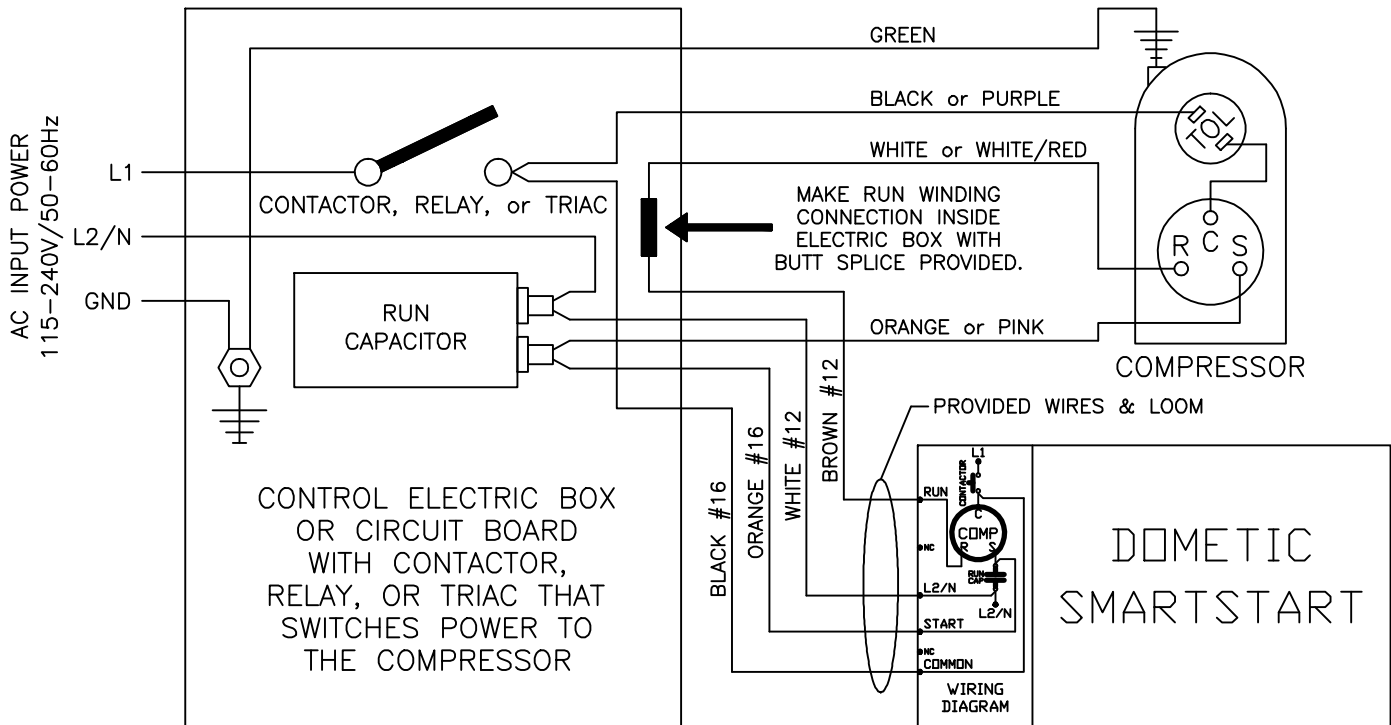
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REV	DATE	REVISION DESCRIPTION	DWG	APR

INSTRUCTIONS TO INSTALL DOMETIC SMARTSTART

WARNING TURN BREAKER OFF BEFORE SERVICING.

- IF UNIT USES A START ASSIST (PTCR OR CERAMITE), REMOVE IT COMPLETELY.
- IF THE UNIT USES A START RELAY AND A START CAPACITOR, AT A MINIMUM REMOVE THE START CAPACITOR AND ITS WIRE CONNECTIONS TO START RELAY TERMINAL #1 AND TO THE RUN CAPACITOR. IT MAY BE IMPRACTICAL TO REMOVE THE START RELAY. REMOVE IT IF POSSIBLE.
- IF THE REMOVAL OF THE START COMPONENTS CREATES ENOUGH ROOM INSIDE THE ELECTRIC BOX, MOUNT THE SMARTSTART INSIDE THE BOX USING THE DOUBLE ADHESIVE TAPE PROVIDED. ONLY IN THIS CASE CAN THE PROVIDED WIRE LOOM BE ELIMINATED.
- IF THERE IS NOT ENOUGH ROOM INSIDE THE ELECTRIC BOX, MOUNT THE SMARTSTART JUST OUTSIDE USING THE DOUBLE ADHESIVE TAPE SUCH THAT THE WIRES AND LOOM CAN REACH ALL THE NECESSARY CONNECTIONS INSIDE THE ELECTRIC BOX.
- REMOVE THE COMPRESSOR RUN WIRE FROM ITS EXISTING CONNECTION AND SPLICE IT TO THE BROWN WIRE ON THE SMARTSTART USING THE BUTT SPLICE PROVIDED.
- CONNECT THE WHITE WIRE FROM THE SMARTSTART TO THE L2 TERMINAL ON THE RUN CAPACITOR USING THE FLAG TERMINAL PROVIDED.
- CONNECT THE ORANGE WIRE FROM THE SMARTSTART TO THE START WINDING TERMINAL ON THE RUN CAPACITOR USING THE FLAG TERMINAL PROVIDED.
- CONNECT THE BLACK WIRE FROM THE SMARTSTART TO THE COMPRESSOR COMMON OUTPUT TERMINAL USING THE CAPTIVE SPADE TERMINAL PROVIDED:
 - FOR PASSPORT I/O CIRCUIT BOARDS, CONNECT TO THE "COMP L1" TERMINAL SCREW.
 - FOR SMXII OR Q-LOGIC CIRCUIT BOARDS, CONNECT TO THE "PUMP L1" TERMINAL SCREW.
 - FOR SYSTEMS WITH CONTACTORS, CONNECT TO THE T1 TERMINAL (OUTPUT SIDE OF L1) ON THE CONTACTOR.
- CLOSE THE ELECTRIC BOX AND REAPPLY POWER TO THE SYSTEM. ALLOW THE SMARTSTART 5-10 START CYCLES TO OPTIMIZE ITSELF.



Dometic Corporation			Dometic		
SMARTSTART INSTALLATION WIRING DIAGRAM 115-240V/50-60HZ/1ϕ					
DATE: 8/10/09	DWG BY: DRR	PART NUMBER:	DWG	D8010001	REV O.I.
SCALE: NTS	APR BY: MFG	0880231			