

Please read and thoroughly understand the applicable NOsparc User Manual and its associated safety warnings before beginning any NOsparc installation



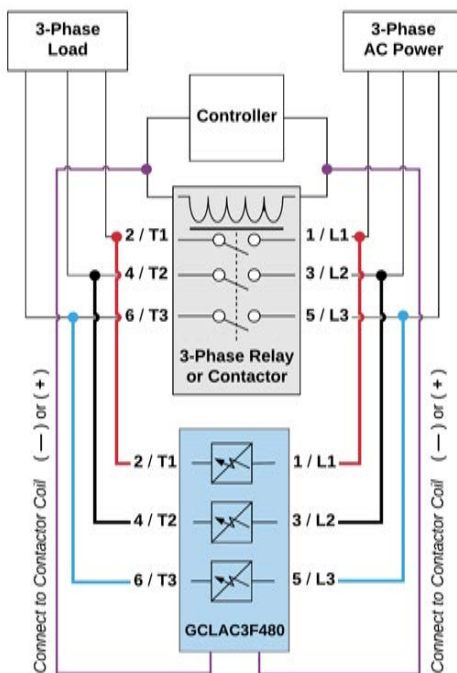
WARNING READ BEFORE INSTALLING

After initial installation and power-up, observe arc suppressor to confirm that all three green LED "READY" indicator lights are on. If **ALL** green LED "READY" indicator lights are **NOT** on, then the arc suppressor has either been improperly installed or is not functioning, and you **MUST IMMEDIATELY**:

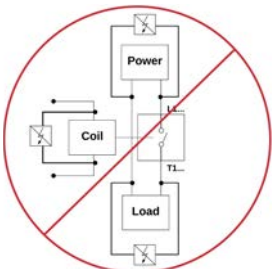


KILL MAIN POWER PRIOR TO TROUBLE-SHOOTING OR REPLACEMENT

Failure to comply with this instruction may result in arc suppressor failure and/or injury of personnel.



IMPORTANT NOTE



Install NOsparc across the contact. DO NOT install NOsparc across the LOAD, POWER, OR COIL.

NOsparc will be damaged if connected across the following locations where there is NO arcing: LOAD, POWER, and/or COIL.

GCLAC3F480 Installation Wiring Steps:

1. Turn **OFF** main (3-phase) power AND control (coil) power
2. Install the arc suppressor
DO NOT YET TURN ON MAIN (3-PHASE) OR CONTROL (COIL) POWER
3. Check for proper wiring
4. Turn **ON** main (3-phase) power
DO NOT FORCE THE CONTACTOR CONTACTS ON BY HAND!
5. Make sure all 3 green **READY** lights are **ON**
If all 3 green **READY** lights are **NOT ON** then a potentially dangerous wiring error is present!
6. Turn main (3-phase) power **OFF**; control (coil) power should still be **OFF**
7. **RE-CHECK ARC SUPPRESSOR WIRING FOR PROPER HOOK-UP AS PER DIAGRAM**
8. Turn main (3-phase) power **ON**
9. Make sure all 3 green **READY** lights are **ON**
10. If all 3 green **READY** lights are **NOT ON**, go to Step 1. or replace the arc suppressor
11. If all 3 green **READY** lights are **ON**
 - Turn control (coil) power **ON**
 - Observe coil signal turning **ON**
 - Note all 3 red **ARMED** lights turn **ON**
 - Note all 3 green **READY** lights turn **OFF**
 - Note the compressor turning **ON**
 - Note all 3 red **ARMED** lights turn **OFF** slowly
 - Note compressor turning **OFF**
 - Note all 3 green **READY** lights turn **ON**
12. **ENDS ONE FULL CYCLE OF PROPER OPERATION**

**System Wiring: #14AWG up to 24in; #12AWG up to 36in
(36in maximum allowable wire length)**

Please see our website for additional information and a full User's Manual: www.ArcSuppressionTechnologies.com

3P Wiring Guide 2020