



## Radar Multi-Fan Controller

### KEY FEATURES

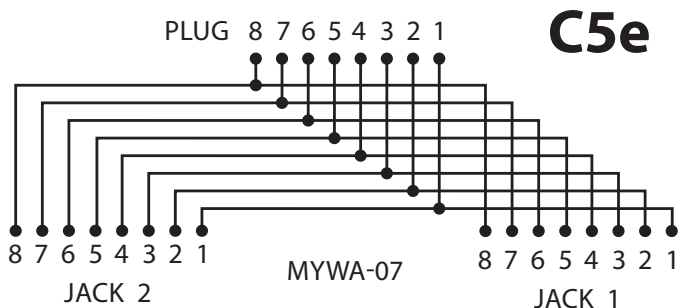
- Easily mounted to wall.
- Control each fan individually or multiple fans in a group together.
- Operate your fans for cooling and destratification.
- Manually control each fan's forward and reverse speed.
- Control up to 63 fans.
- Control all fan functions including: programming, fault viewing, and more.



### TECHNICAL SPECIFICATIONS

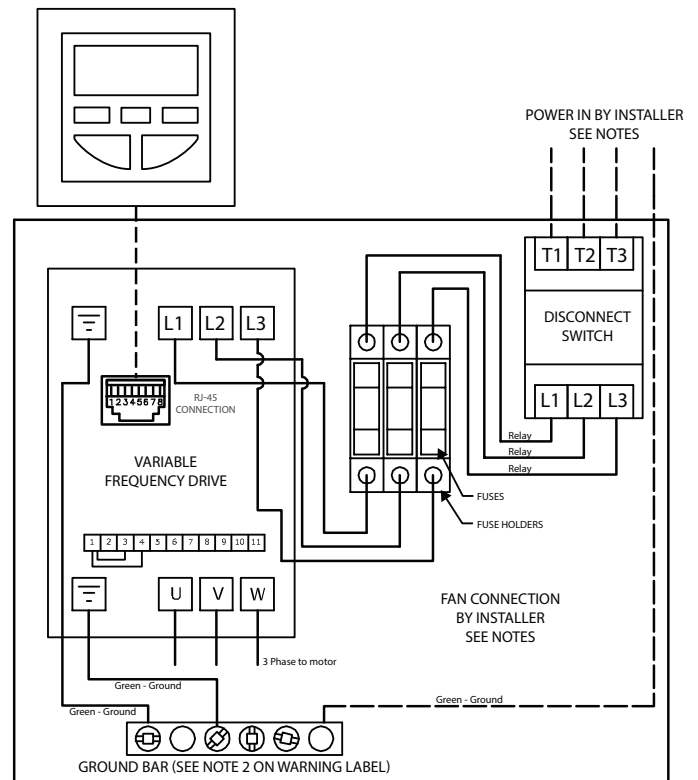
|                          |                                                      |
|--------------------------|------------------------------------------------------|
| <b>Language Protocol</b> | Modbus RS485 communication                           |
| <b>Power Supply</b>      | 24V +/- 10% , 30mA<br>(Supplied by VFD)              |
| <b>Display</b>           | OLED multi language text display                     |
| <b>Environmental</b>     | 14 to 122 °F (-10 to 50 °C)                          |
| <b>Protection Rating</b> | IP54                                                 |
| <b>Max Cable Length</b>  | 328 ft. (100 m), shielded twisted pair               |
| <b>Dimensions</b>        | 4.3 in x 3.5 in x 0.7 in<br>(110 mm x 90 mm x 18 mm) |
| <b>Signal Interface</b>  | Standard right angle 8-way RJ45 connector required   |

### RJ45 SPLITTER WIRING



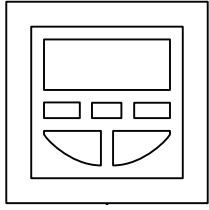
### WIRING DIAGRAM

460V 3 PH

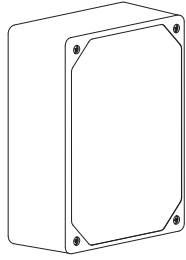


**NOTE:** Multiple groupings may require additional controllers.

# RADAR PACKAGE CONTENTS



A. Radar Controller (x1)

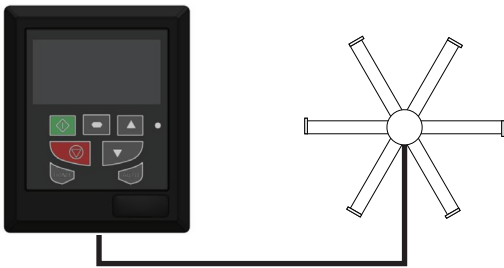


B. Enclosure (x1)

# ALLOWED SYSTEM CONFIGURATIONS

Depending on the requirement of the application, Radar can be used in the following configurations.

- One Radar with one Fan



- One Radar with multiple Fans (up to 63 max.)

