

Warrick Series 2 Conversions to Series 16 Open Board

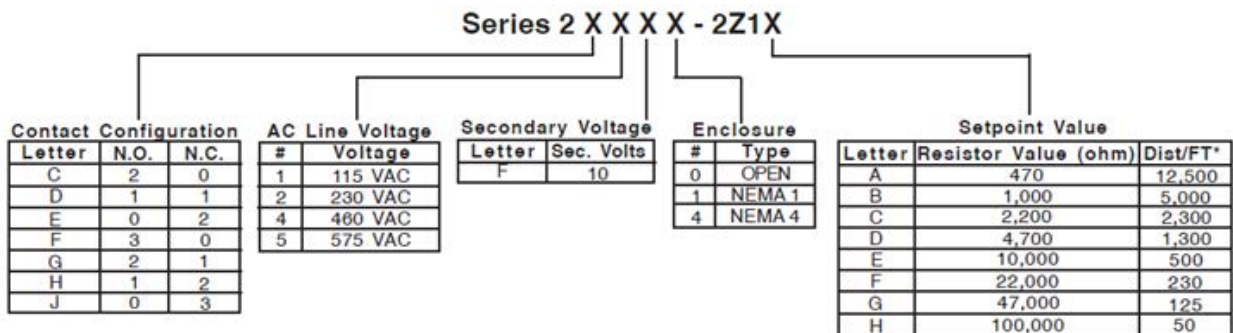
The Series 2 relay was a solid-state relay with field adjustable sensitivity. It is now obsolete but if you know the sensitivity you are using then you can replace it with a Series 16 Open Board relay using the chart below. This will come with the retrofit option so it fits within the same footprint as the Series 2 relay. Review the Series 2 p/n structure below to find your sensitivity option. The p/n's below use an 'X' as a place holder for direct mode and a 'Y' for inverse mode. Replace those with the sensitivity option you had on the Series 2 p/n. See Sensitivity Chart.

| Mode Series 2 P/Ns | Direct Mode | Inverse Mode |
|---|-------------------|-------------------|
| 2C1F0 | 16X1D0R | 16Y1D0R |
| 2C2F0 | 16X2D0R | 16Y2D0R |
| 2C4F0 | No 460 VAC Option | No 460 VAC Option |
| 2C5F0 | No 575 VAC Option | No 575 VAC Option |
| Option 'C' has two N.O. contacts, second 16 may be required | | |
| 2D1F0 | 16X1D0R | 16Y1D0R |
| 2D2F0 | 16X2D0R | 16Y2D0R |
| 2D4F0 | No 460 VAC Option | No 460 VAC Option |
| 2D5F0 | No 575 VAC Option | No 575 VAC Option |
| 2E1F0 | 16X1D0R | 16Y1D0R |
| 2E2F0 | 16X2D0R | 16Y2D0R |
| 2E4F0 | No 460 VAC Option | No 460 VAC Option |
| 2E5F0 | No 575 VAC Option | No 575 VAC Option |
| Option 'E' has two N.C. contacts, second 16 may be required | | |
| 2F1F0 | 16X1D0R | 16Y1D0R |
| 2F2F0 | 16X2D0R | 16Y2D0R |
| 2F4F0 | No 460 VAC Option | No 460 VAC Option |
| 2F5F0 | No 575 VAC Option | No 575 VAC Option |
| Option 'F' has three N.O. contacts, three 16VMs may be required | | |
| 2G1F0 | 16X1D0R | 16Y1D0R |

| | | |
|--|-------------------|-------------------|
| 2G2F0 | 16X2D0R | 16Y2D0R |
| 2G4F0 | No 460 VAC Option | No 460 VAC Option |
| 2G5F0 | No 575 VAC Option | No 575 VAC Option |
| Option 'G' has 2 N.O. contacts and 1 N.C. contact, three 16VMs may be required | | |
| 2H1F0 | 16X1D0R | 16Y1D0R |
| 2H2F0 | 16X2D0R | 16Y2D0R |
| 2H4F0 | No 460 VAC Option | No 460 VAC Option |
| 2H5F0 | No 575 VAC Option | No 575 VAC Option |
| Option 'G' has 1 N.O. contact and 2 N.C. contacts, three 16VMs may be required | | |
| 2J1F0 | 16X1D0R | 16Y1D0R |
| 2J2F0 | 16X2D0R | 16Y2D0R |
| 2J4F0 | No 460 VAC Option | No 460 VAC Option |
| 2J5F0 | No 575 VAC Option | No 575 VAC Option |
| Option 'J' has three N.C. contacts, three 16VMs may be required | | |

Sensitivity Chart

| Series 2 Sensitivity | Series 16 Direct Replace 'X' with Below | Series 16 Inverse Replace 'Y' with Below |
|----------------------|---|--|
| A | A | K |
| B | A | K |
| C | A | K |
| D | A | K |
| E | B | L |
| F | C | M |
| G | D | N |
| H | E | P |



* Distance based on 14 AWG wire type THHN or MTW