

Warrick Series 16 Powered Contacts Wiring Diagram

The below wiring diagrams are examples of how to wire the Series 16 Open Board Relay with a powered contact. The Series 16 Open Board Relay has non-powered load contacts so this diagram will demonstrate how to make them powered.

The load in these examples is powered with the same voltage and circuit that is supplied to the Series 16 Relay. When the load is a different voltage you must bring in independent power to the common.

L1 is connected to the supply power (hot) and L2 is connected to the neutral. Power is also jumped from L1 over to the common on the load side, which makes the load contacts powered. When the relay is energized the Normally Open (NO) contact will close, and thus send power from the common out on the NO contact. When the relay deenergizes the NO will open, and the Normally Closed (NC) contact will close.

The load can be connected to either the NC or NO contact, depending on when you want the load energized, and what mode the relay is in (direct or inverse). The load must also have the neutral so you can see it is tied in with L2. The circuit is now complete with the load connected to both power and neutral.

