

## DC400 Series Drive RetroPak and StandardPak Selection

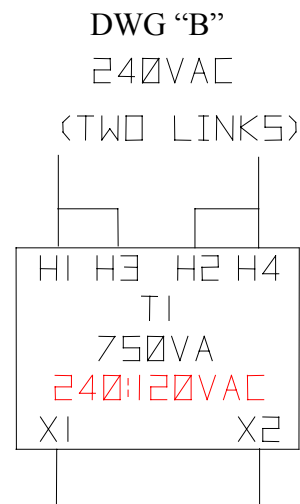
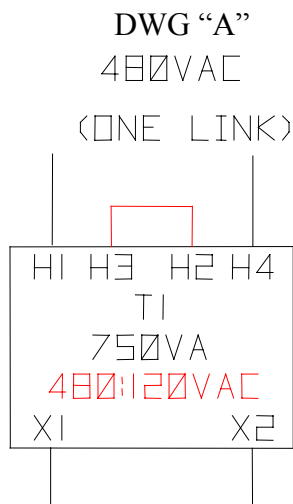
### RetroPak

Saftronics offers the DC400 series drive as a stock pre-engineered drive package. If the RetroPak is not in stock we have a 3-day workweek build time. This package is rated at 480Vac at selected current ratings. The conversion instructions below will explain how to change to a 240Vac unit; Saftronics only stocks the 480Vac units. There are no options for the RetroPak package. The standard is with a 120Vac interface card and a fused blower motor starter. If the blower motor starter is not the correct size, the customer has the decision to change the overload at the site or add an extra day in delivery for the factory conversion.

### 480 to 240Vac Conversion:

The RetroPak design is a prefabricated panel built for 480Vac. If a 240Vac rated drive is needed, the customer is required to reconfigure the control transformer. Drawing "A" shows one link on H2&H3 for the 480Vac transformer. Drawing "B" shows a 240Vac-supply system. Remove the link from H3 & H2 and move it to H1& H3, then use a wire to link H2 & H4, as shown in Drawing B.

The Fused Blower Motor Starter (BMS) has always been a variable component depending on the type of DC motor. If the BMS is not the correct size for your application, a BMS conversion kit will be required. If the BMS kit has not been supplied with the order, contact your local Saftronics dealer for pricing and part number. The BMS kit includes three new sizes of fuses and a new overload block to replace the existing overload block and line fuses.



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### **StandardPak**

Saftronics offers the DC400 series drive as a pre-engineered drive package with options. The StandardPak is not a stock product and has a 2–3 workweek build time. This package is rated at 240/480Vac at selected current ratings. The StandardPak comes with a 120Vac interface card, 120Vac-control transformer and AC line fuses. The DC402 comes with AC line fuses and DC fuses. The blower motor starter is an option. If your options do not fit into the part number matrix then an application engineer will provide assistance in quoting your custom drive system.

The following drawing will show a typical drawing using an AC contactor for the RetroPak and the StandardPak. Examples of various connections for the DC400 drive is found on technical note TN\_DC\_DC4\_002.

**Note: Saftronics recommendation is to hardwire the E-stop pushbutton into the 120Vac control logic as shown. In the manual, the E-stop is shown wired into the digital input (DI5). Use digital input (DI5) as a fast stop mode only.**

