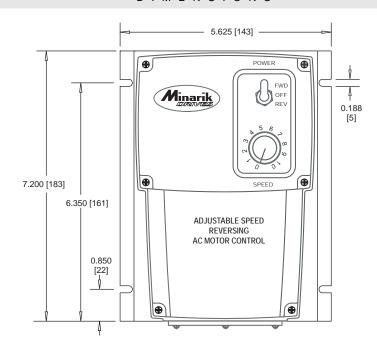
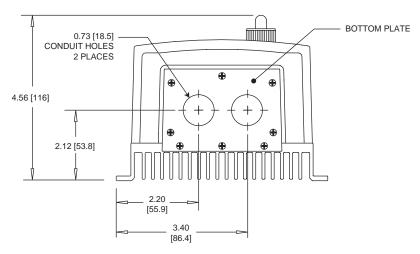


VFDP4X04-D230-PCM

Variable Frequency Drive for 3-phase & single phase AC motors

DIMENSIONS





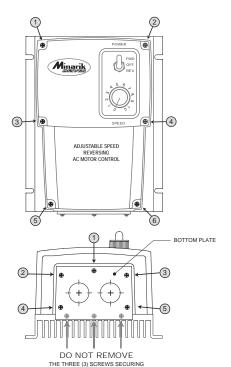
ALL DIMENSIONS IN INCHES [MILLIMETERS]

QUICK START GUIDE

SPECIFICATIONS

1-Phase Input
,

* Jumper settings MUST match input line voltage. Application of 230 VAC line input when jumpers are set for 115 VAC will result in severe damage to the drive.



THE BOTTOM PLATE TO THE HEATSINK

REMOVING THE CASE COVER

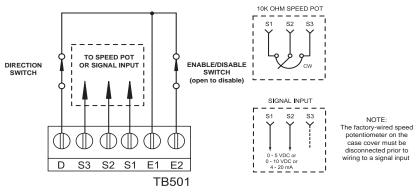
 Remove the six (6) phillips screws on the front case.

NOTE: The two shorter screws (#6 - 32 x 2 1/2) on the front case are used at hole locations 5 & 6.

2. Remove the five (5) phillips screws on the bottom plate.

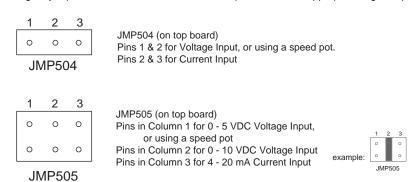
NOTE: DO NOT REMOVE the three (3) screws securing the bottom plate to the heatsink.

STEP #1-skip this step if provided FWD/OFF/REV and speed potentiometer will be used. Otherwise disconnect factory-wired connections from the FWD/OFF/REV switch and speed potentiometer. Connect the enable/disable switch, direction switch, and speed potentiometer or signal input to TB501 on the TOP board using 20 - 24 AWG wire as shown below.



STEP #2

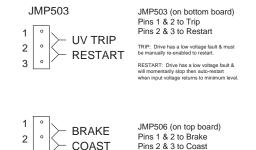
Configure jumpers JMP504 and JMP505 on the top board for the appropriate signal input.



STEP#3

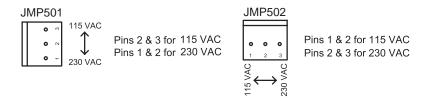
Configure jumpers JMP503 on the bottom board and JMP506 on the top board.

JMP506



STEP #4

Configure jumpers JMP501 and JMP502 on the bottom board for 115 or 230 VAC Power Input.



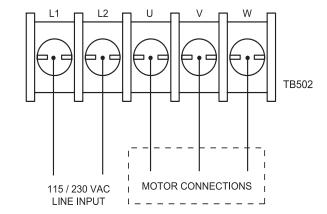
STEP #5

Connect motor leads of a 3phase motor to U, V, and W (TB502 on BOTTOM board) using 14 - 16 AWG wire as shown in the figure below.

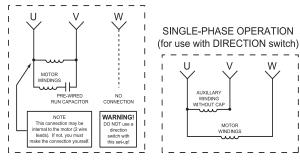
STEP#6

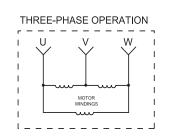
Connect 115 or 230 VAC power input using 12 AWG wire.

NOTE: Minarik strongly recommends installing an emergency stop switch on both the L1 and L2 inputs.



SINGLE-PHASE OPERATION (motor with pre-wired capacitor)





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