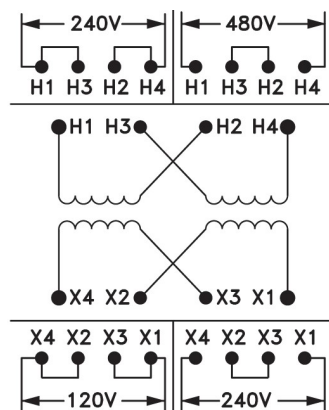




**Wiring Diagram**

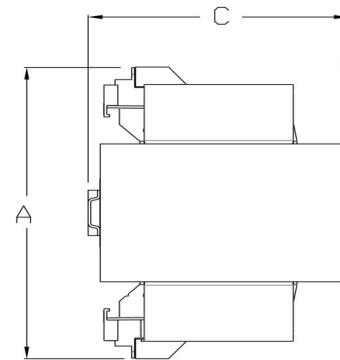
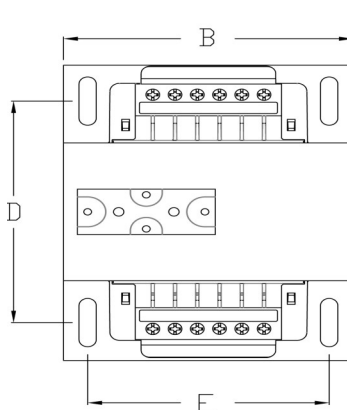


Image is a general representation of a typical MAG Control Transformer without fusing accessories or jumper links. Transformers 50VA - 350VA have 4 terminals per side, and units 500VA and higher have 6 terminals per side.

## BA SERIES

**PRI**  
**240 X 480**

**SEC**  
**120 X 240**

### Approximate Dimensions and Weight

| VA Rating | MPC Part #      | Max Depth (A) | Max Width (B) | Max Height (C) | Mounting Depth (D) | Mounting Depth (E) | Mounting Hole |       | Shipping Weight (lbs.) |
|-----------|-----------------|---------------|---------------|----------------|--------------------|--------------------|---------------|-------|------------------------|
|           |                 |               |               |                |                    |                    | Depth         | Width |                        |
| 50        | MPC2-1B050BAU*  | 3.41          | 3.00          | 2.79           | 2.00               | 2.50               | 0.20          | 0.41  | 2.60                   |
| 75        | MPC2-1B075BAU*  | 3.91          | 3.00          | 2.79           | 2.50               | 2.50               | 0.20          | 0.41  | 3.50                   |
| 100       | MPC2-1B100BAU*  | 3.86          | 3.38          | 3.10           | 2.38               | 2.81               | 0.20          | 0.41  | 4.20                   |
| 150       | MPC2-2B150BAU*  | 4.36          | 3.75          | 3.41           | 2.88               | 3.13               | 0.20          | 0.41  | 6.70                   |
| 200       | MPC2-2B200BAU*  | 4.14          | 4.50          | 4.04           | 2.50               | 3.75               | 0.20          | 0.41  | 8.50                   |
| 250       | MPC2-2B250BAU*  | 4.64          | 4.50          | 4.04           | 2.88               | 3.75               | 0.20          | 0.41  | 10.00                  |
| 300       | MPC2-2B300BAU*  | 4.64          | 4.50          | 4.04           | 3.25               | 3.75               | 0.20          | 0.41  | 11.30                  |
| 350       | MPC2-2B350BAU*  | 5.37          | 4.50          | 4.04           | 3.75               | 3.75               | 0.20          | 0.41  | 13.60                  |
| 500       | MPC2-2B500BAU   | 5.75          | 5.25          | 4.66           | 4.25               | 4.38               | 0.31          | 1.06  | 17.25                  |
| 750       | MPC2-2B750BAU   | 6.74          | 5.25          | 4.66           | 5.38               | 4.38               | 0.31          | 1.06  | 28.10                  |
| 1,000     | MPC2-1H1K0BAU   | 7.01          | 7.00          | 5.65           | 5.38               | 4.38               | 0.31          | 1.06  | 29.80                  |
| 1,500     | MPC2-1H1K5BAU   | 8.00          | 7.00          | 5.65           | 4.50               | 6.13               | 0.31          | 1.06  | 30.00                  |
| 2,000     | MPC2-1H2K0BAU   | 8.76          | 7.00          | 5.65           | 5.13               | 6.13               | 0.31          | 1.06  | 38.00                  |
| 3,000     | MPC2-1H3K0BAU** | 8.14          | 9.00          | 7.62           | 4.25               | 6.50               | 0.44          | 1.00  | 53.00                  |
| 5,000     | MPC2-1H5K0BAU** | 9.14          | 9.00          | 7.62           | 7.25               | 7.50               | 0.44          | 1.00  | 89.00                  |

\* This model is not available with the FO option (Consider F1)

\*\* No Fuse Kit is available for this model

- Add end suffix for fusing options
- Add C to suffix for the covers

### Notes:

- Jumper Link and Fuse Clip Height not included
- Add 5/16" to the Depth when fuse clips are included.(50 thru 350VA)
- Add 1/2" to the Height when fuse block is included (1, 2, and 3 poles) (500 thru 5000VA)
- Add 1 3/8" to the Height when fuse block is included (1, 2, and 3 poles) (50 thru 350VA)