



# MARCUS

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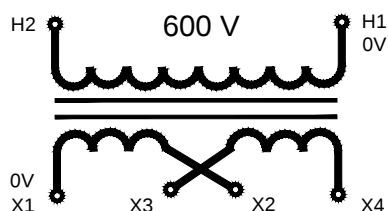
## TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

### DESCRIPTION

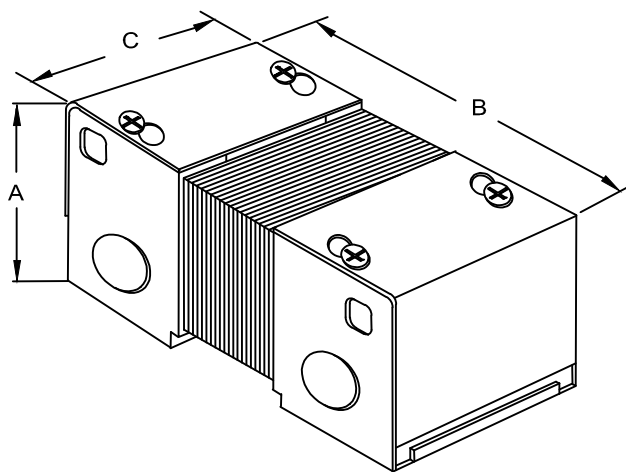
|                     |                              |
|---------------------|------------------------------|
| MODEL               | MC250V                       |
| Type                | Enclosed, Indoor application |
| VA                  | 250                          |
| Primary (Volts)     | 600                          |
| Secondary (Volts)   | 120 / 240                    |
| Input / Output Amps | 0.42 / 2.08 , 1.04           |
| Temperature Rise    | 95°C                         |
| Insulation Class    | B (130°C)                    |
| Frequency           | 60Hz                         |
| Polarity            | additive                     |
| Noise level         | less than 40DB               |
| Winding             | Copper                       |
| Approvals           | UL listed<br>CSA approved    |

### CONNECTION DIAGRAM

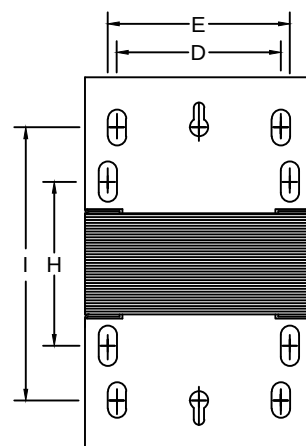
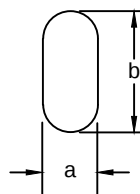


### WIRING CONNECTION

| PRIMARY :                      |                                                    |                                                  |
|--------------------------------|----------------------------------------------------|--------------------------------------------------|
| VOLTS<br>600                   | CONNECT LINES TO :<br>H1-H2                        |                                                  |
| SECONDARY :                    |                                                    |                                                  |
| VOLTS<br>120<br>240<br>120/240 | INTERCONNECT:<br>X1-X3 AND X2-X4<br>X2-X3<br>X2-X3 | CONNECT LINES TO :<br>X1-X4<br>X1-X4<br>X1-X3-X4 |



| LETTER | MOUNTING SLOTS<br>INCHES / MM<br>a b |
|--------|--------------------------------------|
| U      | 0.25 x 0.875<br>6.4 x 22.2           |
| T      | 0.25 x 0.625<br>6.4 x 15.9           |



### DIMENSIONS INCHES / MM

| VA  | A             | B             | C             | D            | E            | F | G | H               | I                | J | K | L | M | SHIP WEIGHT<br>LBS / KG |
|-----|---------------|---------------|---------------|--------------|--------------|---|---|-----------------|------------------|---|---|---|---|-------------------------|
| 250 | 4.07<br>103.4 | 6.13<br>155.7 | 4.50<br>114.3 | 2.75<br>69.9 | 3.75<br>95.3 |   |   | 2.75(T)<br>69.9 | 4.38(U)<br>111.3 |   |   |   |   | 8.50<br>3.9             |