



# MARCUS

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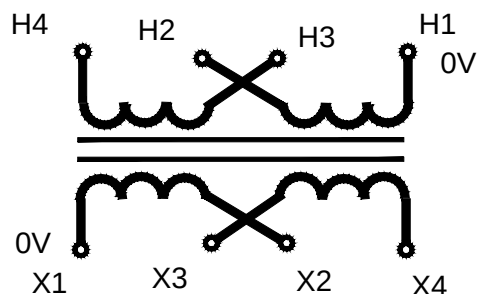
## TECHNICAL DATA

SINGLE PHASE CONTROL TRANSFORMER

### DESCRIPTION

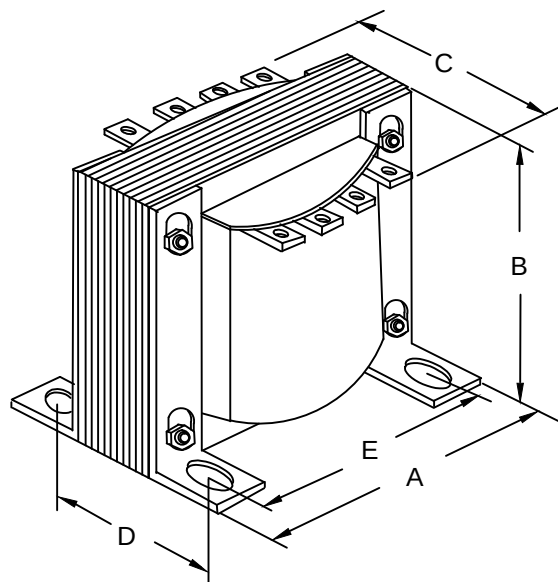
|                    |                                           |
|--------------------|-------------------------------------------|
| MODEL              | MO50A                                     |
| Type               | Open                                      |
| VA                 | 50                                        |
| Primary (Volts)    | 120 / 240                                 |
| Secondary (Volts)  | 12 / 24                                   |
| Input /Output Amps | 0.42 , 0.21 / 4.17 , 2.08                 |
| Temperature Rise   | 80°C                                      |
| Insulation Class   | B (130°C)                                 |
| Frequency          | 50 / 60Hz                                 |
| Polarity           | additive                                  |
| Noise level        | less than 40DB                            |
| Winding            | Copper                                    |
| Approvals          | CE compliant<br>UL listed<br>CSA approved |

### CONNECTION DIAGRAM



### WIRING CONNECTION

| PRIMARY :   |                 |                    |
|-------------|-----------------|--------------------|
| VOLTS       | INTERCONNECT:   | CONNECT LINES TO : |
| 120         | H1-H3 AND H2-H4 | H1-H4              |
| 240         | H2-H3           | H1-H4              |
| SECONDARY : |                 |                    |
| VOLTS       | INTERCONNECT:   | CONNECT LINES TO : |
| 12          | X1-X3 AND X2-X4 | X1-X4              |
| 24          | X2-X3           | X1-X4              |



### DIMENSIONS INCHES / MM

| VA | A            | B            | C            | D            | E            | MOUNTING HOLES INCHES / MM | SHIP WEIGHT LBS / KG |
|----|--------------|--------------|--------------|--------------|--------------|----------------------------|----------------------|
| 50 | 3.00<br>76.2 | 2.50<br>63.5 | 3.00<br>76.2 | 2.25<br>57.2 | 2.50<br>63.5 | 0.21 x 0.625<br>5.3 x 15.9 | 2.25<br>1.0          |

Notes: