



**90-T40F1**



**90-T40S3**



**90-T75C3**

**90-T40S1 THRU 90-T75C3 24 VOLT SECONDARY CLASS 2 TRANSFORMERS ENERGY LIMITING**

For Industrial, Heating and Air Conditioning Controls Applications

**FEATURES**

- Color coded primary leads.
- Multi-mount styles available.

**SPECIFICATIONS**

Agency . . . . . U.L. file number **cULus** E33334

**MULTI-MOUNT (CLOSED CONSTRUCTION) UNIVERSAL MOUNTING WITH PLATE**

| Model Number | Mars Part No. | Jard Part No. | VA | Hz    | Primary      | Connections | Sec. | Connections |
|--------------|---------------|---------------|----|-------|--------------|-------------|------|-------------|
| 90-T40M1     | 50302         | 4011M         | 40 | 60    | 120V         | Leads       | 24V  | Leads       |
| 90-T40M2     | 50303         | 4021M         | 40 | 50/60 | 208/240V     | Leads       | 24V  | Leads       |
| 90-T40M3     | 50304         | 4031M         | 40 | 60    | 120/208/240V | Leads       | 24V  | Leads       |
| 90-T50M3     | 50314         | 5031M         | 50 | 60    | 120/208/240V | Leads       | 24V  | Leads       |

**FOOT-MOUNT (OPEN CONSTRUCTION)**

| Model Number | Mars Part No. | Jard Part No. | VA | Hz    | Primary      | Connections | Sec. | Connections |
|--------------|---------------|---------------|----|-------|--------------|-------------|------|-------------|
| 90-T40F1     | 50352         | 4011F         | 40 | 60    | 120V         | Leads       | 24V  | Leads       |
| 90-T40F2     | 50353         | 4021F         | 40 | 50/60 | 208/240V     | Leads       | 24V  | Leads       |
| 90-T40F3     | 50354         | 4031F         | 40 | 60    | 120/208/240V | Leads       | 24V  | Leads       |
| T40-24       | -             | -             | 40 | 50/60 | 120/208/240V | Leads       | 24V  | Leads       |
| 90-T50F3     | -             | 5031F         | 50 | 60    | 120/208/240V | Leads       | 24V  | Leads       |

**FOOT-MOUNT (MANUAL RESET, OPEN CONSTRUCTION)**

| Model Number | Mars Part No. | Jard Part No. | VA  | Hz    | Primary      | Connections | Sec. | Connections |
|--------------|---------------|---------------|-----|-------|--------------|-------------|------|-------------|
| 90-T50C3     | 50327         | 5041C         | 50  | 50/60 | 120/208/240V | Leads       | 24V  | Leads       |
| 90-T60C3     | 50327         | 6041C         | 60  | 50/60 | 120/208/240V | Leads       | 24V  | Leads       |
| 90-T75C3     | 50321         | 7541C         | 75  | 50/60 | 120/208/240V | Leads       | 24V  | Leads       |
| 90-T100C1    | -             | -             | 100 | 60    | 120V         | Leads       | 25V  | Leads       |
| 90-T100C2    | -             | -             | 100 | 50/60 | 208/240V     | Leads       | 25V  | Leads       |

**TRANSFORMER LEAD COLOR CODING**

| Primary Side |       |      |        | Secondary Side |        |
|--------------|-------|------|--------|----------------|--------|
| Common       | 120V  | 208V | 240V   | Common         | 24V    |
| * Black      | White | Red  | Orange | Blue           | Yellow |

\* Black is common with respect to the transformer winding, not the external circuit.

**WALL PLUG-IN**

Isolation Step Down Transformer

**FEATURES**

- Sealed tamper and impact resistant case.
- Output termination is screw terminals.
- Non-polarized 120V plug-in blades.
- Trouble free maintenance.
- Isolated from power source.

**SPECIFICATIONS**

Dimensions, **5401A-1** . . . . . 3"H x 2<sup>1</sup>/<sub>2</sub>"W x 1<sup>3</sup>/<sub>4</sub>"D  
 Dimensions, **5402A-1** . . . . . 3"H x 2<sup>3</sup>/<sub>4</sub>"W x 2<sup>1</sup>/<sub>4</sub>"D  
 Output terminals . . . . . #6-32 screws  
 Agency ratings . . . . . C.S.A. and U.L. class 2



**5401A-1**

| Model Number | Primary              | Secondary   |
|--------------|----------------------|-------------|
| 5401A-1      | 120VAC, 60 Hz, 0.14A | 24VAC, 10VA |
| 5402A-1      | 120VAC, 60 Hz, 0.31A | 24VAC, 25VA |

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