SAFE-T-GROUND
Explosion-Proof, Intrinsically Safe, Ground Continuity Control

The Series TR-7 Safe-T-Ground provides continuous monitoring of a truck’s ground connection throughout loading operations. The TR-7 instantly stops loading operations if a tank truck loses its ground. To safeguard loading operations, the Safe-T-Ground circuit can be wired into your pump control, and to an audible alarm or signal light.

**APPLICATIONS**
- Oil and gas
- Chemical applications

**BENEFITS/FEATURES**
- Audible alarm and LED status indicators
- Explosion-proof housing

**MODEL CHART**

<table>
<thead>
<tr>
<th>Example</th>
<th>Construction</th>
<th>Power Supply Option</th>
<th>Cable Length</th>
<th>Cable Connection</th>
<th>Options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TR-7-XB</td>
<td>TR-7 Explosion-proof and intrinsically safe</td>
<td>U</td>
<td>120 VAC (standard) 220/240 VAC</td>
<td>X</td>
<td>-</td>
<td>TR-7-XBL Explosion-proof and intrinsically safe</td>
</tr>
<tr>
<td>TR-7-BL</td>
<td>TR-7 Explosion-proof and intrinsically safe</td>
<td>U</td>
<td>120 VAC (standard) 220/240 VAC</td>
<td>X</td>
<td>36” coiled, extends to 16’ (standard) 72” coiled, extends to 32’</td>
<td>TR-7-L Explosion-proof and intrinsically safe</td>
</tr>
<tr>
<td>TR-7-L</td>
<td>TR-7 Explosion-proof and intrinsically safe</td>
<td>U</td>
<td>120 VAC (standard) 220/240 VAC</td>
<td>X</td>
<td>Stud (standard) Battery (alligator) clamp</td>
<td>TR-7-XBL Explosion-proof and intrinsically safe</td>
</tr>
</tbody>
</table>

*Not available with 220/240 VAC power supply.

---

**SOLENOID VALVE ENCLOSURE WITH TIMER**
Compact Size, NEMA 4X Enclosure

The Series SVT Solenoid Valve Enclosure with Timer is a compact, reliable, and economic package that combines a timer board and solenoid valve enclosure into one package. Each model is available with 2, 4, or 6 valves, but expansion modules can easily be daisy chained for a maximum of 60 outputs.

**APPLICATIONS**
- Dust collection
- Pneumatic conveying
- Industrial vacuums
- Dust collection

**SPECIFICATIONS**
- Housing: 356-T6 cast aluminum alloy (copper-free), explosion-proof – Class I, Group D.
- Size: 6-5/8” W x 10-3/8” H x 5-5/8” D.
- Temperature Limits: -13 to 104°F (-25 to 40°C).
- Power Requirements: 105-125 VAC, 60 Hz. 7.75 watts - with light, 1.75 watts - without lights. Optional 220-240 VAC, 50/60 Hz.
- Electrical Rating, Relay: DPDT, 10 A, 125 VAC, 60 Hz contact rating.
- Wiring: Terminal strip.
- Conduit Connection: 3/4” NPT.
- Installation: 7/16” mounting lugs, integrally cast.
- Contactors: (Grounding clamp) molded polyethylene with beryllium copper contact clips.
- Grounding Studs: 2 supplied. Order a pair for each truck.
- Shipping Weight: 20 lb with contactor and cord.
- Agency Approvals: UL.

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Number of Solenoids</th>
<th>Supply Voltage</th>
<th>Model</th>
<th>Description</th>
<th>Number of Solenoids</th>
<th>Supply Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>SVT-2</td>
<td>Solenoid valve enclosure with timer</td>
<td>2</td>
<td>90-240 VAC</td>
<td>SVT-4-DC</td>
<td>Solenoid valve enclosure with timer</td>
<td>4</td>
<td>24 VDC/VAC</td>
</tr>
<tr>
<td>SVT-3</td>
<td>Solenoid valve enclosure with timer</td>
<td>3</td>
<td>90-240 VAC</td>
<td>SVT-6-DC</td>
<td>Solenoid valve enclosure with timer</td>
<td>6</td>
<td>24 VDC/VAC</td>
</tr>
<tr>
<td>SVT-4</td>
<td>Solenoid valve enclosure with timer</td>
<td>4</td>
<td>90-240 VAC</td>
<td>SVT-8-DC</td>
<td>Solenoid valve enclosure with timer</td>
<td>8</td>
<td>24 VDC/VAC</td>
</tr>
<tr>
<td>SVT-5</td>
<td>Solenoid valve enclosure with timer</td>
<td>5</td>
<td>90-240 VAC</td>
<td>SVT-10-DC</td>
<td>Solenoid valve enclosure with timer</td>
<td>10</td>
<td>24 VDC/VAC</td>
</tr>
<tr>
<td>SVT-6</td>
<td>Solenoid valve enclosure with timer</td>
<td>6</td>
<td>90-240 VAC</td>
<td>SVT-12-DC</td>
<td>Solenoid valve enclosure with timer</td>
<td>12</td>
<td>24 VDC/VAC</td>
</tr>
<tr>
<td>SVT-2-DC</td>
<td>Solenoid valve enclosure with timer</td>
<td>2</td>
<td>24 VDC/VAC</td>
<td>SVT-4-DC</td>
<td>Solenoid valve enclosure with timer</td>
<td>4</td>
<td>24 VDC/VAC</td>
</tr>
<tr>
<td>SVT-3-DC</td>
<td>Solenoid valve enclosure with timer</td>
<td>3</td>
<td>24 VDC/VAC</td>
<td>SVT-6-DC</td>
<td>Solenoid valve enclosure with timer</td>
<td>6</td>
<td>24 VDC/VAC</td>
</tr>
</tbody>
</table>

*Note: SVTE modules are powered from the main enclosure and can be used with either the 90-240 VAC or the 24 VDC/VAC SVT models.

---

USA: California Proposition 65

**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Dwyer Instruments, Inc. | dwyer-inst.com 367