The Series SVT Solenoid Valve Enclosure with Timer is a compact, reliable and economic package designed for small to medium filtration systems. It combines a timer board and solenoid valve enclosure into one package, eliminating the need for separate enclosures and wiring. The SVT is available with 2, 4 or 6 valves. For larger systems expansion modules can be daisy chained to the SVT for a max of 60 outputs. The universal power supply accepts 90 to 240 VAC at either 50 or 60 Hz for both domestic and international requirements. On-demand cleaning or down time cleaning functions can be selected with a simple dip-switch. Time-on time-off settings are selected using two potentiometers.

For on demand systems, a Dwyer® A3000 Photohelic® gage or Series 1950 pressure switch may be used with the SVT.

## Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Number of Solenoids</th>
</tr>
</thead>
<tbody>
<tr>
<td>SVT-2</td>
<td>Solenoid Valve Enclosure with Timer</td>
<td>2</td>
</tr>
<tr>
<td>SVT-4</td>
<td>Solenoid Valve Enclosure with Timer</td>
<td>4</td>
</tr>
<tr>
<td>SVT-6</td>
<td>Solenoid Valve Enclosure with Timer</td>
<td>6</td>
</tr>
<tr>
<td>SVTE-4</td>
<td>Expansion Module</td>
<td>4</td>
</tr>
<tr>
<td>SVTE-6</td>
<td>Expansion Module</td>
<td>6</td>
</tr>
</tbody>
</table>

**Process Connection:** 1/4” OD push to connect.

**Mounting Orientation:** Any position.

**On-Time:** 150 ms to 700 ms.

**Off-Time:** 4 s to 210 s.

**Agency Approvals:** CE.

---

Model TR-7 Safe-T-Ground provides continuous monitoring of a truck’s ground connection throughout loading operations. Static electricity is often brought in by tank trucks entering the loading area. The Safe-T-Ground Model TR-7 instantly stops loading operations if a tank truck loses its ground. The simple but rugged Model TR-7 circuit continuously measures resistance through the truck by applying a small voltage to one terminal of the truck grounding contactor. The other terminal is connected to the loading rack ground. If the Safe-T-Ground detects a resistance of more than a few Ω across the contactor terminals, the relay opens, breaking the control circuit. The relay will not close until the grounding contactor is properly connected.

To safeguard loading operations, the Safe-T-Ground circuit can be wired into your pump control - and to an audible alarm or signal light.

The double wire TR-7 system provides an extra safeguard against explosion, compared to single wire grounding, which cannot measure the quality of the electrical ground connection during loading. The transistorized TR-7 circuit generates little heat – an added safety feature.

The Model TR-7 Safe-T-Ground is simple and easy to install. Removal of the cover on the explosion-proof aluminum housing reveals the easily accessible terminal strip for relay and ground control wiring, and a complete schematic wiring diagram appears on a label next to the terminal strip for easy wiring. Coiled grounding cable/contactor-handle assembly is easily replaced via mil-spec connector on housing.