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 and 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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Number of Solenoids</th>
<th>Price</th>
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<tbody>
<tr>
<td>SVT-2</td>
<td>Solenoid Valve Enclosure with Timer</td>
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<tr>
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<td>SVT-6</td>
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<td>Expansion Module</td>
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<td>SVTE-6</td>
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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 mill-spec connector on housing.

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**SPECIFICATIONS**

- **Service**: Compatible gases, filtered and oil free.
- **Wetted Materials**: Pilot body: Brass; Spring: 302 SS; O-ring: NBR.
- **Temperature Limits**: 14 to 140°F (-10 to 60°C).
- **Pressure Limit**: 145 psi (10 bar).
- **Power Requirements**: 90 to 240 VAC, 50 or 60 Hz.
- **Power Consumption**: 25 VA.
- **Fuse**: 0.5 A delayed.
- **Electrical Connection**: 2 DIN A 43652 connectors.
- **Enclosure Rating**: NEMA 4X (IP66).
- **Enclosure Material**: Polyamide with carbon fiber, polycarbonate, TPE rubber.