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 maximum of 60 outputs. The universal power supply accepts 90-240 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.

### Series SVT

**Solenoid Valve Enclosure with Timer**

Compact Size, NEMA 4X Enclosure

<table>
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<th>Description</th>
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<td>SVTE-6</td>
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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 (IP65).
- **Wetted Parts**: Polyamide with carbon fiber, polycarbonate, TPE rubber.

**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 tanker trucks entering the loading area. The Safe-T-Ground Model TR-7 instantly stops loading operations if a tanker 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 ohms 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.

**SPECIFICATIONS**

- **Housing**: 356-76 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.
- **Power Requirements**: 105-125 VAC, 60 Hz. 7.75 watts - with light, 1.75 watts - without lights. Optional 220-240 VAC, 50/60 Hz - call factory.
- **Electrical Rating, Relay**: DPDT, 10 amps, 125 VAC, 60 Hz contact rating.
- **Wiring Hookup**: On terminal strip.
- **Conduit Connection**: 3/4” NPT
- **Installation**: 7/16” mounting lugs, integrally cast.
- **Contactor**: (Grounding clamp) molded polyethylene with beryllium copper contact clips. 16-2 type SO coiled cable; retracts to 3’, extends to 16’.
- **Grounding Studs**: 2 supplied. Order a pair for each truck.
- **Shipping Weight**: 20 lb with contactor and cord.
- **Options**: Integral pilot lights; 30’ coiled cable; Temporary contactor assemblies, clamp connectors, and other supply voltages.

**NEW PRODUCT!**