



-Lite

Surface Safety Valve (ESD) Control System



The Volta-Lite is a self-contained electro-hydraulic control system designed to operate your SSV / ESD Valve.

This compact unit mounts directly with no tubing required, for a quick and easy installation or remote mount.



Control Logic

The microcontroller is programmed to autonomously operate the SSV/ESD based on high / low set pressures or line break and holds a SIL2 Certification.



Volta-Lite: ZONE SUITABLE - Class 1, Division 1, Zone 1



Hydraulics

Simplified manifold design with the only external connection between the Actuator and Manifold.

Improved manifold layout provides immediate response time.

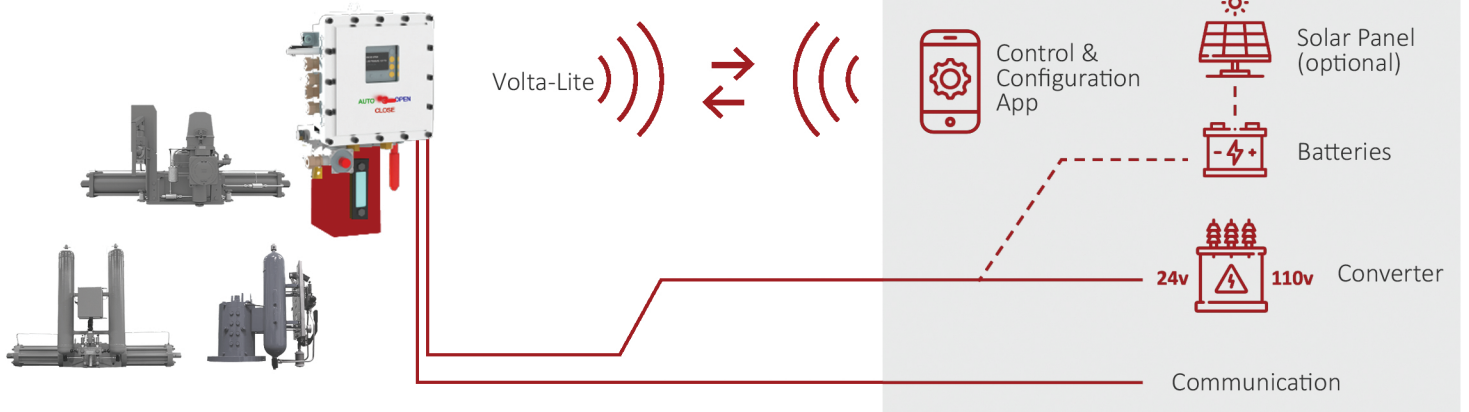


User Interface

Simple and intuitive local controls through a selector (AUTOMATIC-CLOSE-OPEN) and a touchscreen.

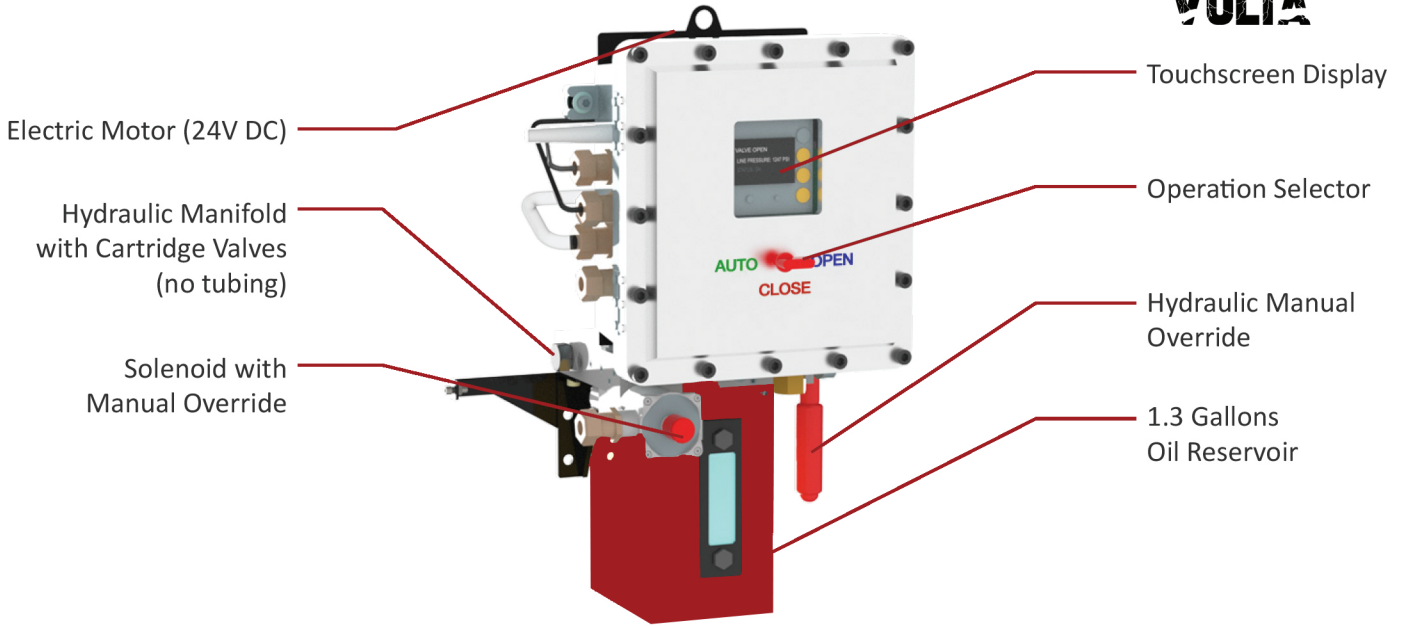
The system offers optional modules for a variety of functionality and system flexibility:

- i. Touch Screen Display for local control HMI
- ii. Remote Operation through Telemetry Pack.





Surface Safety (ESD) Control System



Telemetry Options	Monitoring Options	Power Options
<ul style="list-style-type: none"> ☎ SCADA))) ModBus RS485 🌐 Volta Telemetry Pack (Agnostic SIM) 	<ul style="list-style-type: none"> 🕒 Well Pressure 🕒 Line Pressure ⚖ Position Indicator 📊 Oil Level 🔥 Fire Sensor 	<ul style="list-style-type: none"> ⚡ 12V, 24V, 110V ☀ Solar Energy

ADVANTAGES

- Fully Autonomous
- Compact Design with Easy Mount Bracket
- Fast-Acting Pump
- Manual Hydraulic Backup
- Partial Stroke Test
- Auto-Compensates for Pressure Loss
- Shut-in on loss of power

SPECIFICATIONS	
Hydraulic Actuator	Single Acting, Variable Pressure Set Point (3000psi max, up to .60 gal./min)
Available Input Sensors	2 analog and 3 digital (intrinsically safe Ex "I")
Remote Monitoring and Control	Connection with SCADA through RS-485
Digital Tools	Cloud Based Digital Management available through mSuite System
Power Options	- 110 VAC @ 8 Amp Converter - 24 Vdc @ 38 Amp - 100 Watts Solar Panel
Ambient Operating Temperature	-4 to +140°F
Weight	110 lbs.
General	Class 1, Division 1 / Zone 1 IP65
SIL	SIL2 Certificate

FOR MORE INFORMATION:

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