

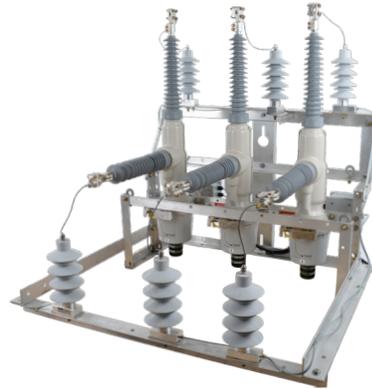
## Accusense® Voltage Sensors

Accusense® Voltage Sensors are a metering-class capacitive voltage-sensing solution that enables users to collect critical voltage data needed for optimizing grid power delivery and reliability. Accusense voltage-sensing technology is an alternative to traditional metering class voltage-transformers and is available as a stand-alone voltage metering system or with the Viper-ST as a site-ready solution.

Specifications		
Voltage Rating	15/27 kV	38 kV
Basic Impulse Level (BIL)	170 kV	225 kV
Weight	4 lb	9lb
Accuracy Class	0.5 Class ( $\pm 0.5\%$ Magnitude, $\pm 0.344^\circ$ Phase)	
Ratio	5000:1 (V:V)	
Output	Low Energy Analog (LEA), 8VAC (max)	
Temperature Range	$-40^\circ\text{C}$ to $+65^\circ\text{C}$	
Standard	IEC 60044-7:1999, IEEE C37.92-2005	

### Features / Benefits

- Metering class voltage accuracy, better than 0.5%
- No Ratio Correction Factors (RCFs) required
- One ratio for all voltages (5000:1)
- Alternative to metering class voltage transformers
  - Easy to install, lightweight
  - Safe, Low Energy Analog (LEA) output
  - Cannot back-feed, output isolated from primary
- Phase Measurement, better than  $\pm 0.2^\circ$
- Site-Ready Solution - factory installed and system tested



### Applications

- All in one metering & protection solution: Reclosers with Accusense sensors
  - High accuracy power quality measurement & Reliability
- Retrofit reclosers installed in the field
  - Fault location, isolation, service restoration (FLISR)
- Stand-alone, high accuracy voltage metering
- Meter at feeder, capacitor banks, end of line, and interties
- Conservation Voltage Reduction (CVR) & Volt-VAR Optimization (VVO)

