

Accusense™ Voltage Sensor

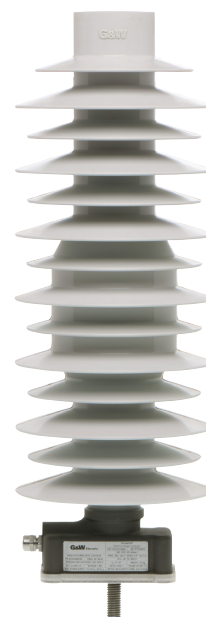
VS-38-O

Accusense voltage sensors are a high accuracy-class capacitive voltage-sensing solution that enable 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 Viper® reclosers as a site-ready solution.

TECHNICAL PARAMETERS

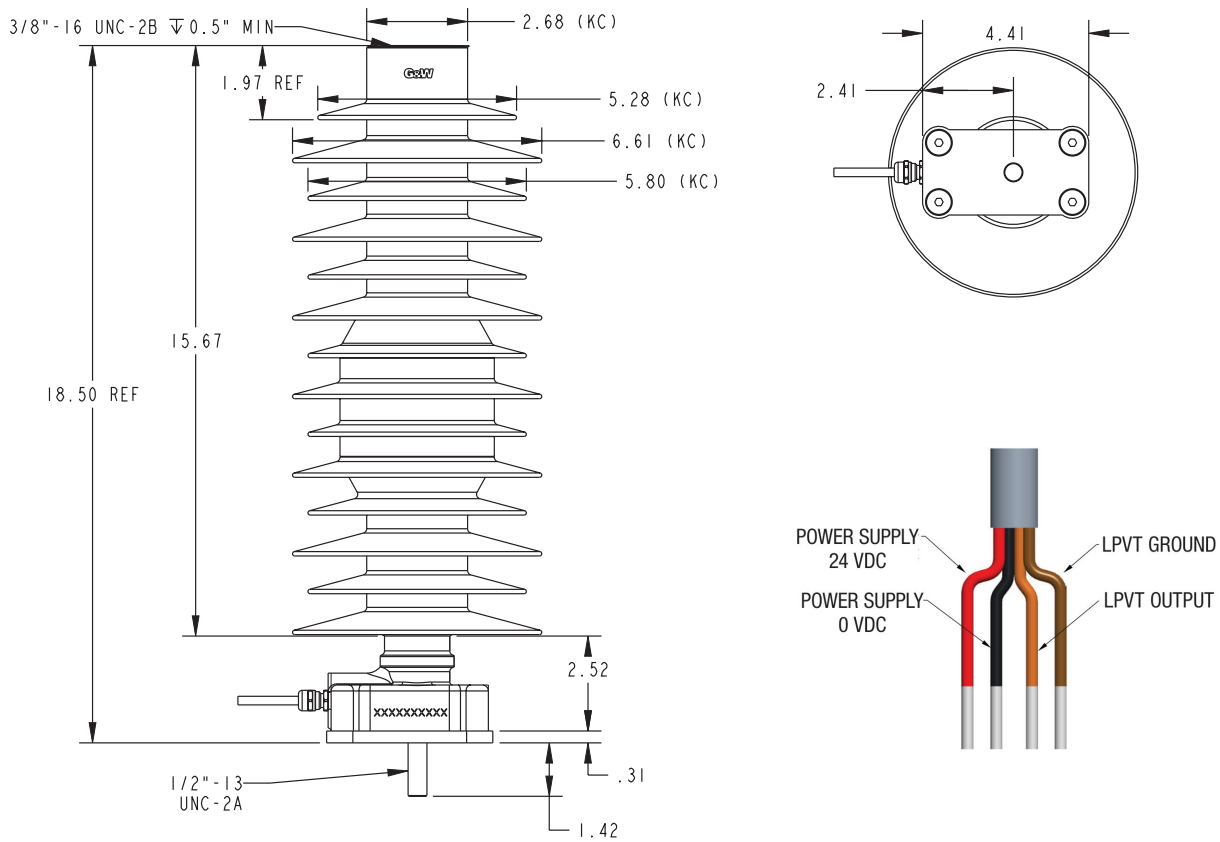
Rated Insulation Level	38/70/200 kV
Accuracy Class*	For protection: 3P
	For measurement: 0.5
Rated Primary Voltage, Upn*	38/√3 kV
Maximum Voltage, Um	38 kV
Rated Secondary Voltage, Usn*	4.4 V (LEA)
Rated Voltage Factor, Ku	1.9 for 8h
Nominal Frequency	50/60 Hz
Nominal Transformation Ratio, Kn*	5000 V : 1 V
Supply Voltage	12 – 36 Vdc
Max. Supply Current	30 mA
Creepage Distance	1447 mm
Weight	5.4kg (12lb)
Applicable Standards	IEC 60044-7, IEEE C37.92-2005
Bandwidth (–3 db)	30 Hz – 30 kHz
Accuracy On Harmonics	High-bandwidth applications as per IEC 61869-1

* Marks parameters customized upon request.



VS-38-O

VS-38-O Drawing



All linear dimensions are in inches.

For more information

please, visit our website: www.gwelectric.com/high-accuracy-sensors



Since 1905, G&W Electric has been a leading provider of innovative power grid solutions including the latest in load and fault interrupting switches; reclosers; sensors; system protection equipment; power grid automation; and cable accessories. G&W Electric is headquartered in Bolingbrook, Illinois, with manufacturing facilities in the United States, Canada, Italy, China, and Mexico. We help our customers meet their challenges and gain a competitive edge through a suite of advanced solutions and technical services.