

VS-24-I

Voltage Sensor for indoor use

The VS-24-I is a 24 kV voltage sensor is for indoor use. It utilizes capacitive voltage sensing technology designed to cover a wide range of applications from metering-class measurements & analytics to protection.

VS-24-I current features

Rated insulation level	24kV	
Power frequency withstand level	50kV	
Basic impulse level	125kV	
Accuracy class *	For protection	3P
	For measurement	0.5
Rated primary voltage, U_{pn} *	20/ $\sqrt{3}$ kV	
Maximum voltage, U_m	24 kV	
Rated secondary voltage, U_{sn} *	1 V	
Rated voltage factor, K_u	1.9 for 8h	
Nominal frequency	50 / 60 Hz	
Nominal transformation ratio, K_n *	20/ $\sqrt{3}$ kV / 1 V	
Auxiliary Supply voltage	± 12 Vdc	
Max. Supply current	15 mA	
Creepage	372mm	
Primary terminal capacity	1 pF	
Weight	1.6 kg (3.5 lbs)	
Applicable Standards	IEC 60044-7, IEC 60660	
Bandwidth (-3 dB)	30 Hz – 20 kHz for VS	
	30 Hz – 5 kHz for CS	
Accuracy on harmonics	IEC 60044-8	

*Customizable parameters, available with different values upon request.

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