

Smart Bushing Current and Voltage Sensor

CVS-P-24-SB01

The Accusense CVS-P-24-SB01 is a passive 24kV combined current and voltage sensor for indoor use suitable for installation as smart bushing in switchgear applications. It can be applied for both measurement and protection applications. Smart Bushing embeds a capacitive coupler for Voltage Presence indicators per IEC 62271-213.

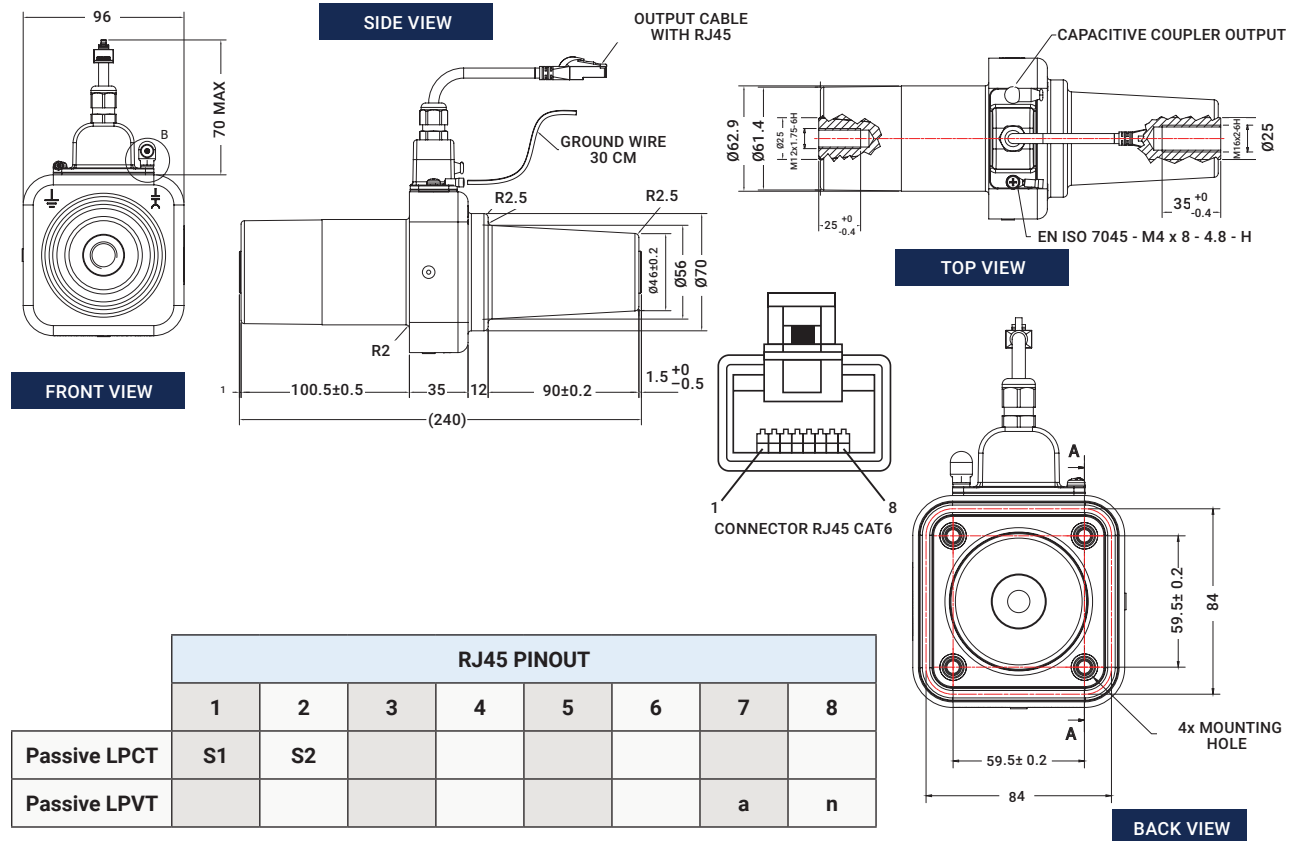
TECHNICAL PARAMETERS

Bushing Type	Outside cone plug-in type bushing
Interface Type (EN 50181)	Type C
Maximum Voltage, Um	24 kV
Rated Current, Ir	630 A
Rated Power Frequency Withstand	50 kV
Rated Lightning Impulse Withstand	125 kV
LPVT Transformation Ratio	10000 V: 1 V
LPCT Ratio	DERIVATIVE TYPE 500 A: 150 mV at 50 Hz
Voltage Presence Coupler Capacitance	11.5 pF $\pm$ 0.5 pF
LPVT Accuracy Class ¹ (IEC 61869-11)	1 / 1P rated burden: 2 M Ω / 50 pF
LPCT Accuracy Class ¹ (IEC 61869-11)	0.5S / 5P rated burden: 20 k Ω / 500 pF
Weight	2.3 kg
Operating Temperature Range	-15°/+50°C indoor (plus heating due to rated current)
Applicable Standards	EN 50181 IEC 61869-10 IEC 61869-11 IEC 61869-11 GSCM004 rev. 0 10/2019 GSCT005 rev. 2 del 12/2019



1. With calibration coefficients of ratio and phase

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All linear dimensions are in millimeters [inches].

For more information

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



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