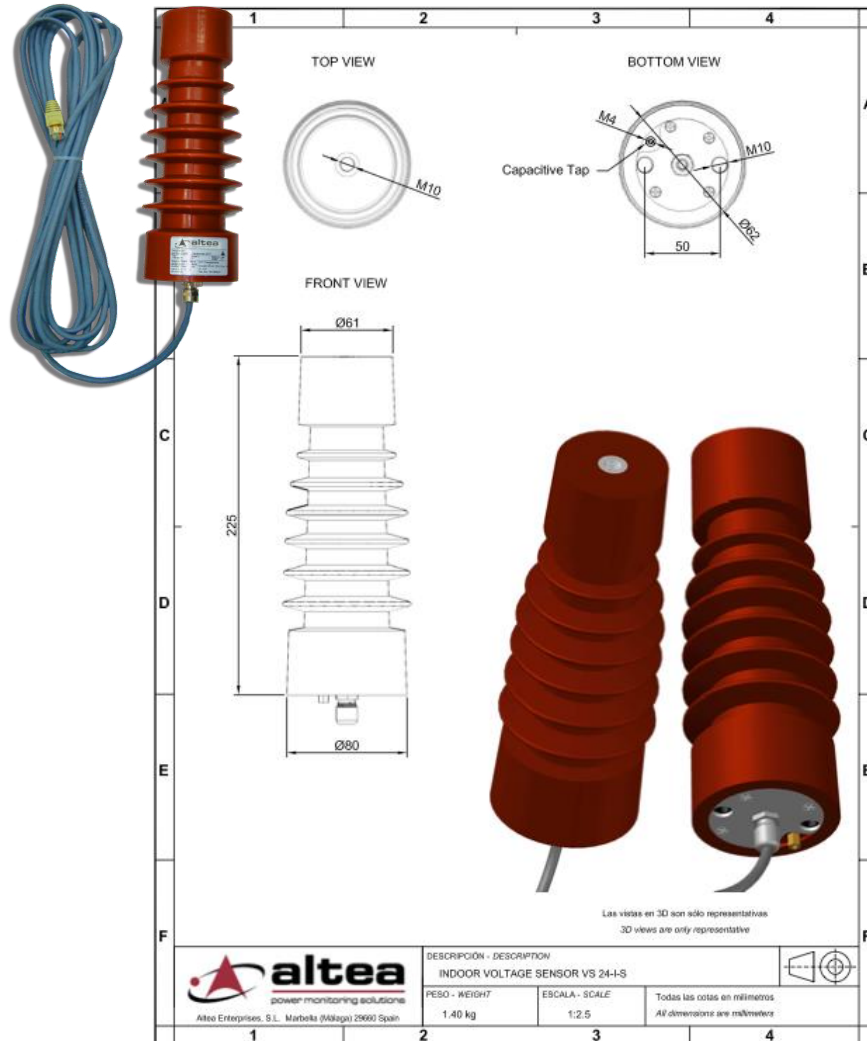




VS-24-I

The **VS-24-I** is a 24 kV voltage low-power transformer for Indoor use. It is suitable for measurement and protection applications with new generation of meters, compatible with instrument transformers.

Its main electrical and mechanical characteristics are listed in table below.
* marks the parameters customizable upon request.



Rated insulation level	24/50/125 kV
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	375 mm
Primary terminal capacity	1 pF
Weight	1,6 kg
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	According to IEC 60044-8



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