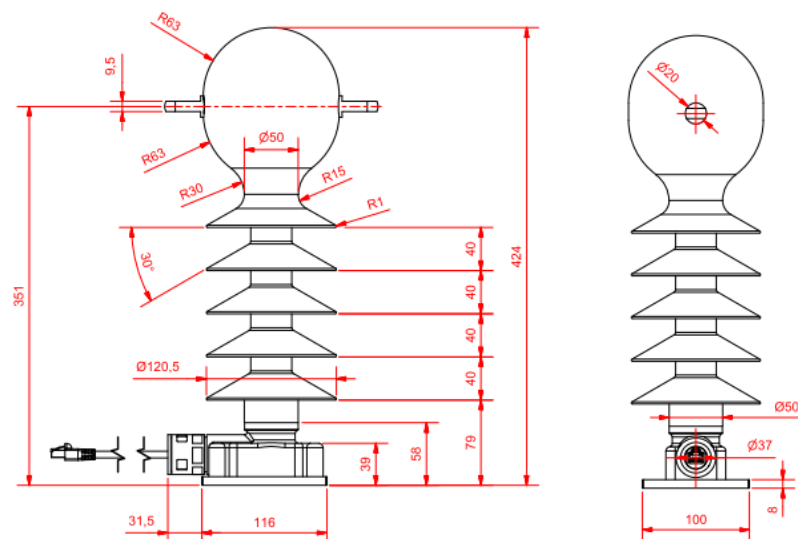




CVS-P-24-O

**OUTDOOR CURRENT AND VOLTAGE PASSIVE SENSOR**


The **CVS-P-24-O** is a 24 kV combined current and voltage instrument transformer for Outdoor use. It has the main electrical and mechanical characteristics in the tables below.

Nominal frequency	50 / 60 Hz
Rated insulation level	24/50/125 kV
Rated voltage factor, $K_u$	1,9 for 8h
Primary terminal capacity	1,25 pF
Weight	3,5 kg
Creepage	740 mm
Applicable Standards	IEC 61869-10; 61869-11

**Altea CVS-P-24-O current transformer features**

Rated primary current, $I_{pr}$	300 A	
Rated extended primary current factor, $K_{pcr}$	30	
Rated primary time constant for transient performance, $t_{pr}$	25 ms	
Rated short time withstand thermal current, $I_{th}$	16 kA / 1s	
Dynamic nominal current, $I_{dyn}$	31,5 kA	
Rated Continuous thermal Current, $I_{cth}$	1,8 $I_{pr}$	
Nominal transformation ratio, $K_{ra}$	300 A / 0,080 V	
Accuracy	Rated Burden	100 kOhm
	Class	0.5

**Altea CVS-P-24-O voltage transformer features**

Rated primary voltage, $U_{pn}$	20/ $\sqrt{3}$ kV	
Maximum voltage, $U_m$	24 kV	
Rated secondary voltage, $U_{sn}$	0,43 V	
Nominal transformation ratio, $K_n$	27000 / 1	
Accuracy	Rated Burden	1 MOhm // 33 nF
	Class	0.5



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