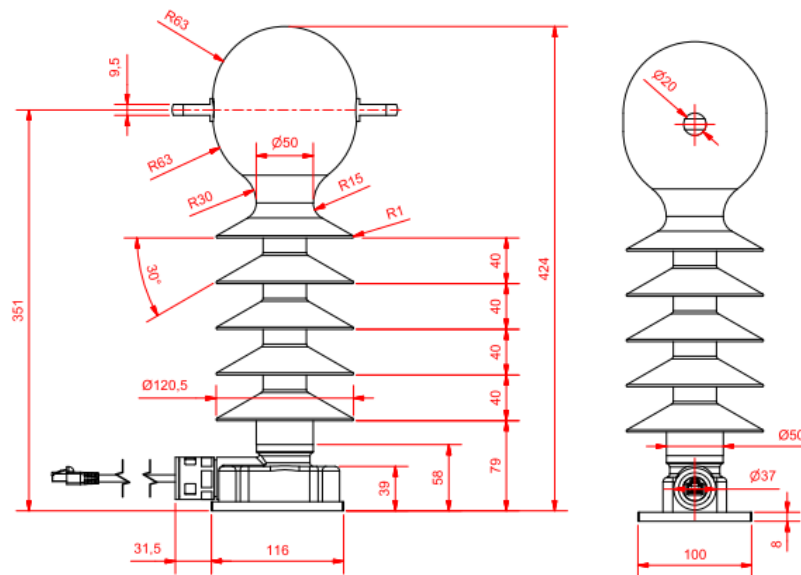




CVS-24-O



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

Auxiliary Supply voltage	$\pm 5 V_{dc}$
Max. Supply Current	15 mA
Nominal frequency	50 / 60 Hz
Primary terminal capacity	1,25 pF
Weight	3,5 kg
Creepage	740 mm
Applicable Standards	IEC 60044-7; 60044-8
Bandwidth (-3 dB)	30 Hz – 20 kHz for VS
	30 Hz – 5 kHz for CS
Accuracy on harmonics	According to IEC 60044-8

\* marks customizable parameters, available with different values upon request.

### Altea CVS-24-O voltage transformer features

Rated insulation level	24/50/125 kV	
Rated primary voltage, $U_{pn}$ *	$20/\sqrt{3}$ kV	
Maximum voltage, $U_m$	24 kV	
Rated secondary voltage, $U_{sn}$ *	1,1547 V	
Rated voltage factor, $K_u$	1,9 for 8h	
Nominal transformation ratio, $K_n$ *	10000 / 1	
Accuracy class	For protection *	3P
	For Measurement *	0.5

### Altea CVS-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 / 0,2 V	
Accuracy class	For protection *	5P30
	For measurement*	0.5



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