



CUSTOM-BUILT RANGE OF VOLTAGE TRANSFORMERS FOR MEASUREMENT AND INSTRUMENTATION

Single-phase (1ph) and three-phase (3ph) options.

Accuracy Classes of either 0.5, 1, and 3.

Designed to IEC 61869-1:2009.

Class E insulation system.

Insulation system up to 1.1kV.

Frequency of 50 / 60 Hz.

Ambient temperature range from -5°C to $+40^{\circ}\text{C}$.

Maximum voltage of 750V.



TVT 100/3

A range of single-phase (1ph) and three-phase (3ph) voltage transformers (VT) for measuring and instrumentation. The designs are low loss with accuracy Classes of either 0.5 (0.5%), 1 (1%), and 3 (3%). Three-phase units wound with zero phase angle shift. Class E insulation is used on all types. Designs up to 750V can be produced. For other VT requirements please contact our sales department.

Reference	Number of Phases	VA Rating	Accuracy (Class)	Equivalent Frame	L (mm)	W (mm)	H (mm)	FC L (mm)	FC W (mm)	FC diam. (mm)	Weight (kg)
SVT 10/0.5	1ph	10VA	0.5	SE 150	96	80	103	84	59	5	2.3
SVT 20/0.5	1ph	20VA	0.5	SE 300	120	100	120	90	82	5	4.7
SVT 30/0.5	1ph	30VA	0.5	SE 500	120	120	120	90	102	5	6.2
SVT 50/0.5	1ph	50VA	0.5	SE 750	150	108	140	122	84	6	7.6
SVT 100/0.5	1ph	100VA	0.5	SE 1000	150	125	140	122	101	6	9.8
SVT 20/1	1ph	20VA	1	SE 200	96	90	103	84	69	5	2.8
SVT 30/1	1ph	30VA	1	SE 300	120	100	120	90	82	5	4.7
SVT 50/1	1ph	50VA	1	SE 500	120	120	120	90	102	5	6.2
SVT 100/1	1ph	100VA	1	SE 750	150	108	140	122	84	6	7.6
SVT 150/1	1ph	150VA	1	SE 1000	150	125	140	122	101	6	9.8
SVT 30/3	1ph	30VA	3	SE 150	96	80	103	84	59	5	2.3
SVT 50/3	1ph	50VA	3	SE 250	120	88	120	90	70	5	3.9
SVT 100/3	1ph	100VA	3	SE 500	120	120	120	90	102	5	6.2
SVT 200/3	1ph	200VA	3	SE 750	150	108	140	122	84	6	7.6
SVT 300/3	1ph	300VA	3	SE 1000	150	125	140	122	101	6	9.8

Reference	Number of Phases	VA Rating	Accuracy (Class)	Equivalent Frame	L (mm)	W (mm)	H (mm)	FC L (mm)	FC W (mm)	FC diam. (mm)	Weight (kg)
TVT 10/0.5	3ph	10VA	0.5	TE 200	120	90	125	100	54	5	3
TVT 15/0.5	3ph	15VA	0.5	TE 350	150	100	150	125	50	5	4
TVT 20/0.5	3ph	20VA	0.5	TE 500	150	115	150	125	65	5	6
TVT 30/0.5	3ph	30VA	0.5	TE 650	180	120	190	150	60	6	8
TVT 50/0.5	3ph	50VA	0.5	TE 900	180	140	190	150	80	6	10
TVT 100/0.5	3ph	100VA	0.5	TE 1300	180	165	190	150	105	6	14
TVT 15/1	3ph	15VA	1	TE 120	120	80	125	100	44	5	2
TVT 20/1	3ph	20VA	1	TE 200	120	90	125	100	54	5	3
TVT 30/1	3ph	30VA	1	TE 350	150	100	150	125	50	5	4
TVT 50/1	3ph	50VA	1	TE 900	180	140	190	150	80	6	10
TVT 100/1	3ph	100VA	1	TE 1300	180	165	190	150	105	6	14
TVT 30/3	3ph	30VA	3	TE 120	120	80	125	100	44	5	2
TVT 50/3	3ph	50VA	3	TE 200	120	90	125	100	54	5	3
TVT 100/3	3ph	100VA	3	TE 350	150	100	150	125	50	5	4