

MicroMate®

Variable Voltage Transformer



VT Series

Variable Voltage Transformer



Production
Line System



Industry



Medical



Experiment



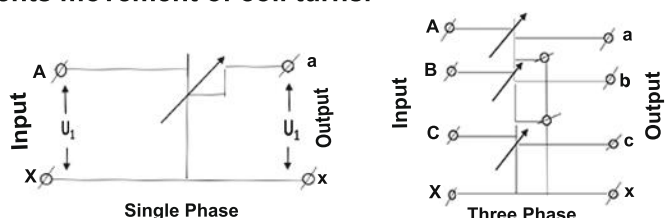
Labs

0.5 ~ 20KVA (1-Ph) and 9 ~ 100KVA (3-Ph)

Variable Voltage Transformer: 0.5~20KVA (1-Ph) and 9~100KVA (3-Ph)

MicroMate variable transformers provide continuously adjustable voltage from zero to 100% or up to 120% of the line voltage. Their operation is simple and efficient. Cooper wire is wound on a core by using high precision winding machines. Sliding trace of the winding is properly smoothed to provide low resistance and long wearing track for the carbon brush. The core is made of strip-wound oriented silicon steel for low electrical losses and high magnetic densities. The coil is insulated from the core by means of a special insulation support that also prevents movement of coil turns.

MiroMate variable transformers are available in single-phase and three-phase models. They are highly reliable and practically maintenance free. Long-life operation is assured under normal use.



TECHNICAL SPECIFICATIONS

Model	Rated capacity (KVA)	PHASE	Input Voltage (V)	Output Voltage(V)	Max. Output Current (A)
VT1-0.5K	0.5	1	240	0~300	2.0
VT1-1K	1	1	240	0~300	4.1
VT1-2K	2	1	240	0~300	8.3
VT1-3K	3	1	240	0~300	12.5
VT1-5K	5	1	240	0~300	20.8
VT1-7K	7	1	240	0~300	29.2
VT1-10K	10	1	240	0~300	41.6
VT1-15K	15	1	240	0~300	60.0
VT1-20K	20	1	240	0~300	83.3
VT3-9K	9	3	415	0~500	12.5
VT3-12K	12	3	415	0~500	16.7
VT3-15K	15	3	415	0~500	20.8
VT3-20K	20	3	415	0~500	27.8
VT3-30K	30	3	415	0~500	41.7
VT3-40K	40	3	415	0~500	55.6
VT3-60K	60	3	415	0~500	83.4
VT3-80K	80	3	415	0~500	111.3
VT3-100K	100	3	415	0~500	139.1

NOTE : Product specifications and data may be subject to change for improvement without prior notice.