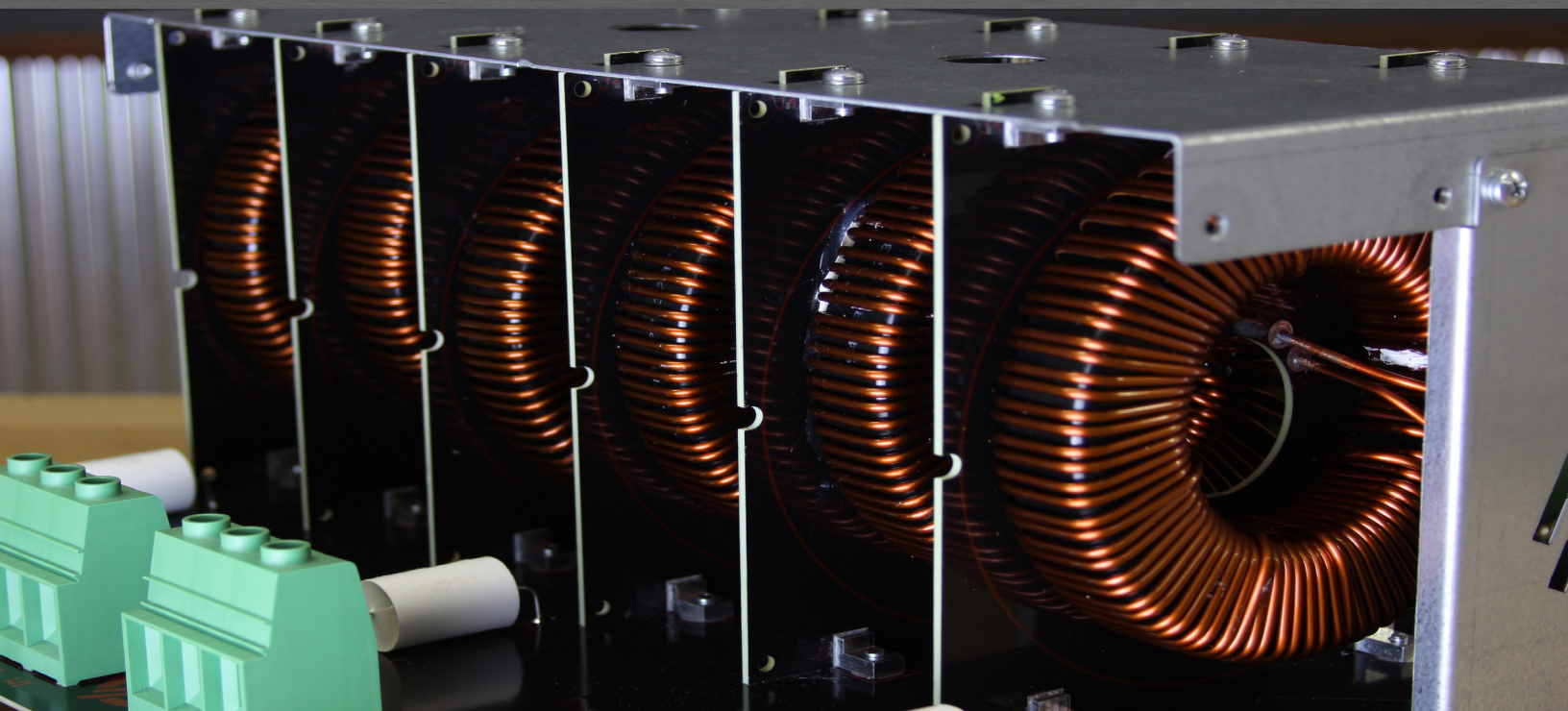




DV SERIES
dV/dt OUTPUT FILTERS

PHASE

DV SERIES dV-dt OUTPUT FILTERS

						Cross Reference		Mounting Type
Model / Part Number	HP	Max Current	Open Type (0) (H x W x D inches)	NEMA 1 (1) Standard (H x W x D inches)	NEMA 3R (3) Outdoor Enclosure (H x W x D inches)	TCI	MTE	
DV009E	5 HP	9 A	13.5 x 11 x 4	19 x 15 x 6.5	19 x 15 x 9.5	V1K08A00	DVTG0009E	Wall Mount
DV013E	7.5 HP	13 A	13.5 x 11 x 4	19 x 15 x 6.5	19 x 15 x 9.5	V1K12A00	DVTG0012E	
DV018E	10 HP	18 A	13.5 x 11 x 4	19 x 15 x 6.5	19 x 15 x 9.5	V1K18A00	DVTG0017E	
DV031E	20 HP	31 A	18.5 x 13.5 x 3	24.5 x 16.5 x 7	24.5 x 16.5 x 9	V1K35A00	DVTG0035E	
DV045E	30 HP	45 A	18.5 x 13.5 x 3	24.5 x 16.5 x 7	24.5 x 16.5 x 9	V1K45A00	DVTG0045E	
DV060E	40 HP	60 A	18.5 x 13.5 x 3	24.5 x 16.5 x 7	24.5 x 16.5 x 9	V1K55A00	DVTG0055E	
DV077E	50 HP	77 A	18.5 x 13.5 x 3	24.5 x 16.5 x 7	24.5 x 16.5 x 9	V1K80A00	DVTG0080E	
DV090E	60 HP	90 A	23 x 8 x 8	18 x 27 x 13	19 x 27 x 17.5	-	-	
DV107E	75 HP	107 A	23 x 8 x 8	18 x 27 x 13	19 x 27 x 17.5	V1K110A00	DVTG0110E	Pad Mount
DV128E	100 HP	128 A	23 x 8 x 8	18 x 27 x 13	19 x 27 x 17.5	V1K130A00	DVTG0130E	
DV160E	125 HP	160 A	23 x 8 x 10	19 x 27 x 14.5	20 x 27 x 19	V1K160A00	DVTG0160E	
DV200E	150 HP	200 A	23 x 8 x 10	19 x 27 x 14.5	20 x 27 x 19	V1K200A00	DVTG0200E	
DV250E	200 HP	250 A	23 x 8 x 10	19 x 27 x 14.5	20 x 27 x 19	V1K250A00	DVTG0250E	
DV362E	300 HP	362 A	23 x 15.5 x 12.5	32 x 26 x 46	32 x 26 x 51	V1K362A00	DVTG0362E	
DV480E	400 HP	480 A	23 x 15.5 x 12.5	32 x 26 x 46	32 x 26 x 51	V1K480A00	DVTG0480E	

Phase Technologies **DV** SERIES output filters are designed with distributed gap alloy powder cores resulting in superior peak voltage reduction, lower core losses, higher temperature stability, and a more compact product envelope.

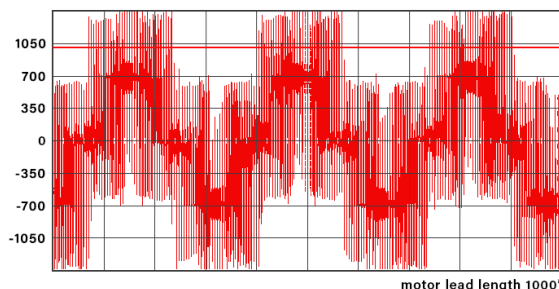
Specifications

Maximum System Frequency:	500 Hz
Maximum System Voltage:	≤ 480 VAC, 3-phase
Switching Frequency:	2 kHz - 10 kHz
Product Efficiency:	≥ 99%
Insertions Loss:	≤ 1% at 60Hz ≤ 1.5% at 90Hz
Operating Temperature:	-20 °C to 40 °C (-4 °F to 104 °F)
Maximum Lead Length:	1000'

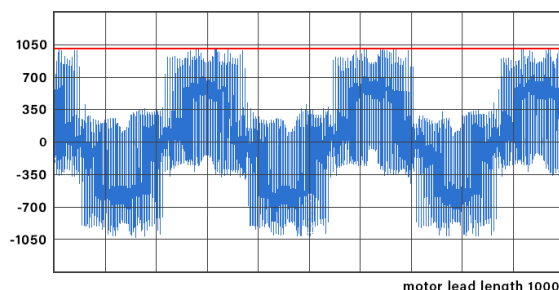
Advantages

- Extends the life of a motor, bearings, and cable
- Superior peak voltage protection limits voltage spikes
- Distributed gap alloy powder core
- Rugged compact design
- Manufactured, assembled, and tested in the U.S.

Standard VFD Output



VFD Output with dV/dt Filter



Scan to access the
DV SERIES User Manual

