

ELECTRON FREQUENCY CONVERTER

60 to 50 Hz · 50 to 60 Hz · 60 to 60 Hz Isolation · 50/60 to 400 Hz

50KSS36050/5060

VISICOMM INDUSTRIES KSS3 SERIES FREQUENCY CONVERTERS	
PHASE	3-Phase input / 3-Phase Output
MODEL	50KSS36050/5060
CERTIFICATION	UL STD 1778 / CSA STD C22.2no107.305
INPUT	
INPUT VOLTAGE (Specify)	208VY / 380VY / 400VY / 415VY or 220VΔ / 380VΔ / 460VΔ
INPUT RANGE	All above are nominal input voltages, and can vary ±20%
INPUT FREQUENCY (Specify)	50 / 60 Hz ±7%
POWER WALK IN	0% – 100% : 20 SECONDS
OUTPUT	
OUTPUT VOLTAGE (Specify)	208VY / 380VY / 400VY / 415VY or 220VΔ / 380VΔ / 460VΔ



All above are nominal output voltages, and adjustable by potentiometer by $\pm 10\%$		
VOLTAGE REGULATION		$\pm 1\%$ of settings
WAVEFORM		SINEWAVE
OUTPUT and POWER FACTOR		50KVA @ 0.8
OUTPUT FREQUENCY (Specify)		50 or 60 Hz ± 0.05 Hz
PHASE SHIFT UNDER 100% UNBALANCE LOAD		$< 0.5^\circ$
THD (LINEAR LOAD)		$< 2\%$
CREST FACTOR		3:1
OVERLOAD	$< 100\%$	CONTINUOUS
	110-125%	15 MINUTES
	125-150%	10 MINUTES
	$> 150\%$	1 MINUTE
OVERALL CHARACTERISTICS		
OVERAL EFFICIENCY		92%
MAXIMUM HEAT DISSIPATION (KW)		3
DIMENSIONS (H x W x D) mm / in		1450 x 550 x 1000 / 58 x 22 x 40
WGT. KG/lbs		550 / 1215