

CONV-MAK Series 40kVA Frequency Converter

www.mak-powersis.de/40-kva-frequency-converter.html

INPUT	
Input Voltage	380 V AC Three Phase + Neutral (230 - 400V - 415 - 480 V AC Optional)
Input Voltage Tolerance	330V – 437V (Phase – Notr) // -%15 / +%15 (Wide Range Optional)
Input Frequency	50 Hz. (60Hz – 83Hz – 200Hz – 400Hz. Optional) + %5
Input Connection	Suitable Terminal
Input Power Factor	0.99
OUTPUT	
Output Voltage	380 V AC Three Phase + Neutral (230V - 400V – 415 - 480 V -690V AC Optional)
Output Voltage Tolerance	<u>+ %1</u>
Output Power Factor	<u>0.8</u>
Output Frequency	400Hz / (60Hz – 83Hz – 400Hz Optional)
Output Frequency Tolerance	%0.1
Over Load	% 101 - %125 Load 3 Min. % 126 - %150 Load 10 Sec. % 151 - Load Output Off in 0,2 Sec.
Efficiency	> %93 @ %100 Load
Output 1)	Optional
Output 2)	Optional
Output Connection	Suitable Terminal
GENERAL	
LCD Display	With 4x16 character LCD Display: Input Voltage, Output Voltage, % Output Load, Output Frequency, Regulator Condition and Failure Info, Over Load, Over Temperature, Input Failure warning ext.
Emergency Stop Button	On the machine
Communication	Through a software support and “Remote Management System”(Optional RS-232 Communication port, Ethernet), the ability of monitoring and controlling
PROTECTION	
Output Voltage Protection	When output voltage, frequency, temperature, over current and short circuit the converter will be auto off will give signal from dry contact card.
Current Protection	1- Fuse protection with MCB at Input or Output 2 – Electronic Over Current Protection Via Microprocessors
Surge Arrester	Suitable Surge Arrester unit for lightning and high voltage (Optional)
RFI Filter / Harmonic Filter	RFI Filter / Harmonic Filter can be used to eliminate Input High frequency noises and Harmonic current (Optional)
Isolation Transformer	Input and Output Isolation Transformer for special usage (Optional)
Operating Temperature	-10 oC ~ +40 oC (-15 oC ~ +55 oC Optional)
Altitude	< 3000 m
Humidity	% 90 non condensed
Acoustic Noise	< 50 dB
Dimension (WxDxH)	100cm x 100cm x 120cm (Max Dimensions)
Weight	200kg (Max Weight)
OPTIONS	
Wide Input Voltage Range	Please let us know needed input voltage range
Output Temperature	-20 / +55 Celcius is Optional
Customized Solution	Harmonic Filter / IP21 / IP22 / IP31 / IP41 / IP55 / IP65