

		UMI-B1 EU	UMI-B1 UL	UMI-B5 UL
Power	Input Voltage	200-240VAC, Single Phase 380-440VAC, Three Phase	200-240VAC, Single Phase 200-240VAC, Three Phase 380-440VAC, Three Phase	200-240VAC, Three Phase 380-440VAC, Three Phase
	Input Frequency	50/60Hz		
	Supported Motors	Asynchronous Induction Motors, Three Phase Input		Asynchronous Induction Motors, Three Phase Input Permanent Magnet Synchronous Motors, Three Phase Input
	Overload Capacity	0-400Hz		
		150%, 60 seconds		
		180%, 10 seconds		
	200%, 1 second			

Control	Control Method	SVPWM (Space Vector PWM) SVC (Sensorless Vector Control)	
	Control Setting	MODBUS, Analog, Digital, PID, Pulse	
	Communication	MODBUS RTU RS-485	
Input	Analog Inputs	Total 2: 1 input 0-10V, 0-20mA 1 input 0-10V	Total 3: 2 inputs 0-10V, 0-20mA 1 input 0-10V
	Digital Inputs	Total 5: 4 inputs 1kHz 1 input 50kHz	Total 9: 8 inputs 1kHz 1 input 50kHz

Output	Analog Outputs	Up to 2: 1 output 0-10V, 0-20mA $\leq 2.2\text{kW}/3\text{HP}$, 2nd output available from $>2.2\text{kW}/3\text{HP}$)	2 outputs 0-10V, 0-20mA
	Digital Outputs	1 output sink/source	Total 2: 1 output sink/source, 1 output 50kHz
	Relay Outputs	Up to 2: 1 Programmable Multi-functional Output. 2nd output available from $>2.2\text{kW}/3\text{HP}$	Total 2 Programmable Multi-functional outputs
Features	Dynamic Braking Unit	Built-in($\leq 37\text{kW}/50\text{HP}$)	Built-in($\leq 30\text{kW}/40\text{HP}$)
		Optional ($>37\text{kW}/50\text{HP}$)	Optional ($>30\text{kW}/40\text{HP}$)
	EMC	Built-in C3 ($\geq 4\text{kW}/5\text{HP}$), Comply with IEC/EN 61800-3	Built-in C3, Comply with IEC/EN 61800-3
		Optional C3 ($<4\text{kW}/5\text{HP}$), Comply with IEC/EN 61800-3	
		Optional C2, Comply with IEC/EN 61800-3	

General

Operating Temperature	(-10)°C/14°F – 50°C/122°F (de-rated by 1% for every 1°C/2°F above 40°C/104°F)	
Altitude	2000m/6600 ft (de-rated by 1% for every additional 100m/330ft above 1000m/3300ft)	
Enclosure Rating	IP20	
Mounting Options	Wall and Rail (≤2.2kW/3HP)	Wall, Flange
	Wall and Flange (>2.2kW/3HP)	
Cooling	Air-cooling	
Safe Torque Off	√	×
Compliance	CE, TÜV-SUD Safety Mark	CE, UL and cUL