



DELTA VFD Series

Variable Speed AC Motor Drives
High Performance Low Noise



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DELTA VFD-Series AC Motor Drives



Series	Voltage Rating (V)	S	P	E	C	I	F	I	C	A	T	I	O	N	S	Characteristics												
		0.04	(0.1)	1/4 (0.2)	1/2 (0.4)	1 (0.75)	2 (1.5)	3 (2.2)	5 (3.7)	7.5 (5.5)	10 (7.5)	15 (11)	20 (15)	25 (18.5)	30 (22)	40 (30)	50 (37)	60 (45)	75 (55)	100 (75)	125 (90)	150 (110)	175 (132)	215 (160)	250 (185)	300 (220)		
VFD-V * High-performance vector control drive	230V/3-Phase																										<ul style="list-style-type: none"> - Sensorless vector control, speed control ratio 1:100 - With PG feedback control, speed control ratio 1:1000 - PID control - Starting torque over 150% at zero speed - Built-in MODBUS communication interface(2 comm ports) 	
	460V/3-Phase																										<ul style="list-style-type: none"> - Carrier freq. up to 15KHz - Auto tuning - Four types S curve settings - 3 position mode selectable 	
VFD-M * High-performance low-noise micro-type drive	115V/1-Phase																										<ul style="list-style-type: none"> - Built-in PLC functions - Easy-to-operate - Adjustable frequency via keypad or potentiometer - Low noise - Sleep / Revival function - Simple position control - Built-in MODBUS communication interface - Carrier frequency up to 15 KHz - 2 accel./decel. 	
	230V/1-Phase																										<ul style="list-style-type: none"> - Built-in potentiometer - 1st/2nd frequency source switching - V / F and simple vector control 	
	230V/3-Phase																										<ul style="list-style-type: none">	
	460V/3-Phase																										<ul style="list-style-type: none">	
	575V/3-Phase																										<ul style="list-style-type: none">	
VFD-B * High-performance user-friendly NEMA 1	230V/1-Phase																										<ul style="list-style-type: none"> - V / F & Sensor-less vector control - Auto tuning - Built-in PLC functions - PG feedback control - PID control - Mast / Auxiliary and 1st/2nd frequency Source selectable 1 	
	230V/3-Phase																										<ul style="list-style-type: none"> - Built-in MODBUS communication interface - Power-curve selection - 16 multi-step speed controls - Auto adjustable accel. / decel. times - Sleep / Revival function - Simple position control 	
	460V/3-Phase																										<ul style="list-style-type: none">	
	575V/3-Phase																										<ul style="list-style-type: none">	
VFD-S * Compact low-cost NEMA 1 micro-type drive	115V/1-Phase																										<ul style="list-style-type: none"> - Built-in PLC functions - Auto adjustable accel. / decel. time - Miniature size - 8 multi-step speed controls - PID feedback control - Sleep/Revival function - Built-in MODBUS communication interface 	
	230V/1-Phase																										<ul style="list-style-type: none"> - Password protection over 100 parameters - Built-in potentiometer 	
	230V/3-Phase																										<ul style="list-style-type: none">	
	460V/3-Phase																										<ul style="list-style-type: none">	
VFD-L *Sub-fractional general-purpose Drive	115V/1-Phase																										<ul style="list-style-type: none"> - Torque compensation - DIP switch - Built-in MODBUS communication - Full protection (OL, OC, OV, OH) - Electronic thermal protection - Built-in EMI filter 	
	230V/1-Phase																										<ul style="list-style-type: none">	
	230V/3-Phase																										<ul style="list-style-type: none">	
VFD-F *High-performance fan & pump AC motor drives	230V/3-Phase																										<ul style="list-style-type: none"> - Automatic torque boost - Built-in PLC function - PID control - Built-in counter - Momentary power loss control 	
	460V/3-Phase																										<ul style="list-style-type: none"> - Automatic slip compensation - Built-in RS-485 communication interface - Fan & pump process control (Time / fix amount circulation control) - Sleep / Revival function 	
																											<ul style="list-style-type: none">	

If you have any questions regarding this catalogue, please refer to <http://www.delta.com.tw> for further information.