



## **MICRO DRIVE VFD037EL43A**

URL:<https://www.sxplc.com/micro-drive-vfdo37el43a>

**Product data sheet**

115V	Voltage Class	115V		
	Model Number VFD-___ EL	002	004	007
	Max. Applicable Motor Output (kW)	0.2	0.4	0.75
	Max. Applicable Motor Output (Hp)	0.25	0.5	1.0
Output Rating	Rated Output Capacity (kVA)	0.6	1.0	1.6
	Rated Output Current (A)	1.6	2.5	4.2
	Maximum Output Voltage (V)	3-phase proportional to twice the input voltage		
	Output Frequency (Hz)	0.1 ~ 599Hz		
	Carrier Frequency (kHz)	2 ~ 12		
Input Rating	Rated Input Current (A)	Single-phase		
		6.4	9	18
	Rated Voltage/Frequency	Single-phase 100 ~ 120V, 50/60Hz		
	Voltage Tolerance	±10% (90 ~ 132V)		
	Frequency Tolerance	±5% (47 ~ 63Hz)		
	Cooling Method	Natural cooling		
	Weight (kg)	1.1	1.1	1.4

230V	Voltage Class	230V						
	Model Number VFD-___ EL	002	004	007	015	022	037	
	Max. Applicable Motor Output (kW)	0.2	0.4	0.75	1.5	2.2	3.7	
	Max. Applicable Motor Output (Hp)	0.25	0.5	1.0	2.0	3.0	5.0	
Output Rating	Rated Output Capacity (kVA)	0.6	1.0	1.6	2.9	4.2	6.5	
	Rated Output Current (A)	1.6	2.5	4.2	7.5	11.0	17.0	
	Maximum Output Voltage (V)	3-phase proportional to input voltage						
	Output Frequency (Hz)	0.1 ~ 599Hz						
	Carrier Frequency (kHz)	2 ~ 12						
Input Rating	XXXE L21A	Rated Input Current (A)	4.9	6.5	9.5	15.7	24	--
		Rated Voltage/Frequency	Single-phase, 200 ~ 240V, 50/60Hz					
	XXXE L23A	Rated Input Current (A)	1.9	2.7	4.9	9	15	20.6
		Rated Voltage/Frequency	Single-phase/3-phase, 200 ~ 240V, 50/60Hz					
		Voltage Tolerance	±10% (180 ~ 264V)					
	Frequency Tolerance	±5% (47 ~ 63Hz)						
	Cooling Method	Natural cooling		Fan cooling (XXXE L21A) Natural cooling (XXXE L23A)		Fan cooling		
	Weight (kg)	1.2	1.2	1.2	1.7	1.7	1.7	

460V	Voltage Class	460V				
	Model Number VFD-___ EL	004	007	015	022	037
	Max. Applicable Motor Output (kW)	0.4	0.75	1.5	2.2	3.7
	Max. Applicable Motor Output (hp)	0.5	1.0	2.0	3.0	5.0
Output Rating	Rated Output Capacity (kVA)	1.2	2.0	3.3	4.4	6.8
	Rated Output Current (A)	1.5	2.5	4.2	5.5	8.2
	Maximum Output Voltage (V)	3-phase proportional to input voltage				
	Output Frequency (Hz)	0.1 ~ 599 Hz				
	Carrier Frequency (kHz)	2 ~ 12				
Input Rating	Rated Input Current (A)	3-phase				
		1.8	3.2	4.3	7.1	9.0
		3-phase, 380 ~ 480V, 50/60Hz				
		±10% (342 ~ 528V)				
		±5% (47 ~ 63Hz)				
	Cooling Method	Natural cooling		Fan cooling		

