

Electrical Specifications for Direct-Drive Servo

FV5-E*-*△△△△-***	A3R0	A4R5	A6R0
Input voltage (V)	Single phase 220	Single phase 220	Single phase 220
Rated current (Arms)	3	4.5	6
Peak current (Arms)	10	13.5	18
Single-phase output power (W)	400	600	800
Debug port	Type -C USB		
Input port	P-type machine (pulse type) with 8 DI, N-type machine (bus type) with 5 DI. 1 channel AI (P-type machine: 1 bit; N-type machine: none) Collector input: 200kpps / Differential input: 4Mpps (limited to P-type machine (pulse type), not available in N-type machine)		
Output port	P-type machine (pulse type) with 5 DO; N-type machine (bus type) with 4 DO Differential frequency division output: 4Mpps		
Encoder interface	CN3: E1 series supports Hall sensors, E3 series supports SSI encoders (Biss-C, EnDat) CN4: ABZ incremental encoder / motor temperature sensor		
Brake resistor	External brake resistor	Built-in brake resistor, can also be externally connected	
Installation dimensions	SIZE-A	SIZE-A	SIZE-B

FV5-E*-*△△△△-***	C8R0	C010	C012
Input voltage (V)	Three phase 220	Three phase 220	Three phase 220
Rated current (Arms)	8	10	12
Peak current (Arms)	23	27	32
Output power (W)	Single phase	850	1150
	Three phase	1200	1600
Debug port	Type -C USB		
Input port	P-type machine (pulse type) with 8 DI, N-type machine (bus type) with 5 DI. 1 channel AI (P-type machine: 1 bit; N-type machine: none) Collector input: 200kpps / Differential input: 4Mpps (limited to P-type machine (pulse type), not available in N-type machine)		
Output port	P-type machine (pulse type) with 5 DO; N-type machine (bus type) with 4 DO Differential frequency division output: 4Mpps		
Encoder interface	CN3: E1 series supports Hall sensors, E3 series supports SSI encoders (Biss-C, EnDat) CN4: ABZ incremental encoder / motor temperature sensor		
Brake resistor	Built-in brake resistor, can also be externally connected		
Installation dimensions	SIZE-C	SIZE-D	SIZE-D

FV5-E*-*△△△△-***	T6R0	T8R0	T010	T012	T017	T021	T026
Input voltage (V)	Three phase 380						
Rated current (Arms)	6	8	10	12	17	21	26
Peak current (Arms)	15	20	21	30	42.5	52.5	65
三相输出功率(W)	1500	2000	2500	3000	5000	6000	7500
Debug port	Type -C USB						
Input port	P-type machine (pulse type) with 8 DI, N-type machine (bus type) with 5 DI. 1 channel AI (P-type machine: 1 bit; N-type machine: none) Collector input: 200kpps / Differential input: 4Mpps (limited to P-type machine (pulse type), not available in N-type machine)						
Output port	P-type machine (pulse type) with 5 DO; N-type machine (bus type) with 4 DO Differential frequency division output: 4Mpps						
Encoder interface	CN3: E1 series supports Hall sensors, E3 series supports SSI encoders (Biss-C, EnDat) CN4: ABZ incremental encoder / motor temperature sensor						
Brake resistor	Built-in brake resistor, can also be externally connected						
Installation dimensions	SIZE-C	SIZE-D	SIZE-D	SIZE-D	SIZE-E	SIZE-E	SIZE-E