CNCmakers Limited

Address: No.168, Xiadu Road, Haizhu District, Guangzhou, China 510300
Email: info@CNCmakers.com   Website: www.CNCmakers.com   Tel: +86-138-24444158   Fax: +86-20-84185336
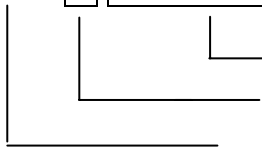
DA98 SERIES AC SERVO DRIVER

Characteristics:

- With DSP and CPLD, high integration and reliability
- Optimized PID control arithmetic to control motor, increased the veracity and celerity of position and speed
- Mitsubishi IPM, perfect protection, alarm code display, alarm signal output
- Total digital control, user setup of parameters and different display content

Model:

DA98-04-110SJT-M050D

Suitable motor model (SJT series）*

Output power: 04,06…23 corresponding to 0.4 kW, 0.6 kW…2.3kW

Series symbol

Specifications:

MODEL	DA98-10	DA98-13	DA98-15	DA98-23	DA98-25	DA98-39
Output power (KW) *	1.0	1.3	1.5	2.3	2.5	3.9
Suitable motor (SJT series)	110SJT-M040D 130SJT-M040 D	130SJT-M050D	110SJT-M060 D 130SJT-M060 D	130SJT-M150 B	130SJT-M100 D	130SJT-M150 D
Input power	Single phase or 3 phases AC （0.85~1.1）×220 V 50Hz/60Hz			3 phases AC （0.85~1.1）×220 V 50 Hz /60Hz		
Working condition	Temperature: working: 0~55℃ storage: -20℃~80℃ Humidity: less than 90% (no dew) Vibration: less than 0.5G (4.9m/S2), 10Hz~60Hz (no continuous run)					
Control mode	①position control ② speed control ③ speed dry run ④ JOG run					
Rebirth brake	Inner					
Control characters	Speed frequency response: not less than 200Hz					
	Speed fluctuation: <± 0.03 (load: 0~100%); <±0.02 (power: -15~+10%) (value corresponding to rated speed)					
	Speed ratio: 1:5000					
	Pulse frequency: ≤500kHz					
Control input	①servo enable ② alarm release ③ CCW drive forbid ④ CW drive forbid ⑤ warp counter cleanup/ speed select 1 ⑥ dictate pulse forbid/speed select 2 ⑦ CCW torque limit ⑧ CW torque limit					
Control output	①servo prepared output ② servo alarm output ③ positioned output/ speeded output					
Position control	Input mode		①pulse + direction ② CCW pulse/ CW pulse ③ 2 phases A/B quadrature pulse			
	Electric gear ratio		1~32767/1~32767			
	Feedback pulse		10000 pulse/rotation			
Speed control	4 kinds inner speed					
Shifting function	Parameters setting shifting time: 1ms~10000ms (0r/min-1000r/min)					
Monitoring function	Rev, current position, dictate pulse accumulate, position warp, motor torque, motor current, linear speed, rotor absolute position, dictate pulse frequency, running state, I/O terminal signal and so on.					
Protection function	Overspeed, main power overvoltage/ undervoltage, overcurrent, overload, brake abnormity, encoder singularity, control power unconventionality, position warp, etc					
Display, operation	6bits LED, 4 buttons					
Suitable load inertia	Less than 5 times of the motor's inertia					
Weight	2.8 Kg					
Oversize	244mmx163mmx92mm (see the figure)					