

SD4030B3

DC24V Input 2-phase Microstep Driver



- DC24V
- 0.5~3A / phase
- Micro-step
- Board type

Specifications

Items		Description	Note
Input voltage		DC+18V~36V	
Output current		0.5~3A peak (±5%)/phase	Being lower rated output current beyond Power Supply 24V
Drive method		Chopper mode by Bipolar constant current	It can be used for uni-polar type.
Current down function		Auto Current down Adjusting to set lower current of CND volume after 0.7 second after pulse stop	Selectable by switch.
Maximum input pulse cycle		200Kpps	
Adjusting	RUN	For excitation current(0.5~3A)	The default factory setting is 2A.
	STOP	For current down value on current down mode.	Selectable between 10% to 60% of RUN current.
	MIX	Mixed Decay ratio(0%.20%.40%.80%)	The default factory setting is 80%
	JOG	For JOG speed setting.	300pps~14Kpps
Select function	SW-1,2,3	Select of Resolutions	1/2, 1/8, 1/10, 1/16, 1/20, 1/32, 1/40, 1/64
	SW-4	ON/OFF for function of auto current down mode.	Switch ON is active and OFF is no active. The default factory setting is ON.
	SW-5,6	Select of JOG function	SW-5 ON is active for JOG, SW6 ON is CW, OFF is CCW
Input signals	P+,P-	Pulse Command	Selection of 1 pulse an 2 pulse for pulse command. Isolated by photo coupler
	D+,D-	Direction Command	
	OFF+,OFF-	No excitation	
Output signals	ALM+,ALM-	Alarm (Prospecting of over-heat for Power device) Output at over 170℃(Typ.) of power device	Photo Isolation, ON is active, OFF is no active(ALARM).
Dimension		W90×D55.5×H28	
Operating Temperature and Humidity		0~40℃、35~80% RH	No condensation
Storage Temperature and Humidity		-20~+85℃、35~80% RH	No condensation
Mass		Approximately112g	

Driver Outer Dimensions

