

Specifications

Communication controller	Motionnet® slave motion controller ASIC
Serial interface	Half duplex RS-485 with transformer isolation
Cable type	CAT5 UTP/STP Ethernet cable
Surge protection	10KV
Transmission speed	2.5Mbps, 5Mbps, 10Mbps and 20Mbps
Programmable pulse output mode	OUT/DIR, CW/CCW, A/B phase
Programmable pulse command speed	Max. 6.5Mpps
Home return mode	13 types
Velocity profile	T-curve and S-curve
Machine interface	PEL, MEL and ORG
Servo driver interface	ALM, SVON
LED indicator	PWR, RUN, ERR, PEL, MEL, ORG, EMG, SVON, ALM
Isolated digital I/O	2 DI / 2 DO
Power input	24VDC ± 10%
Power consumption	3W typical
Working temperature	0 to 60°C

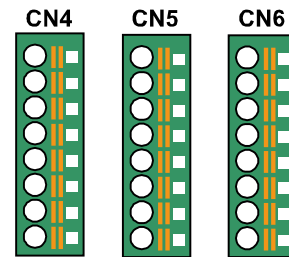
Features

- DIN rail mounting (L-53 x W-21 x H-80 mm)
- Max. 20Mbps transfer rate
- Max. 6.5MHz, 1-axis pulse output rate
- Programmable acceleration and deceleration time
- T-curve and S-curve velocity profiles support
- Change speed/position on-the-fly
- General purpose isolated I/O: 2 DI and 2 DO
- Easy installation with RJ45 phone jack and LED diagnostic

Ordering Information

102-M1C1-GEN	1-axis motion slave module for General purpose wo.encoder
SCB-1BB-06A/10A /20A/30A/50A/A0A	CAT5 LAN cable, 0.6M/1M/2M/3M/5M/10M

I/O connector



CN4		CN5		CN6	
1	PEL	9	DI0	17	PA+
2	GND	10	GND	18	PA-
3	MEL	11	DI1	19	PB+
4	GND	12	GND	20	PB-
5	ORG	13	DO0	21	SVON
6	GND	14	24V	22	24V
7	EMG	15	DO1	23	ALM
8	GND	16	24V	24	GND