

### Features

- 2-axis Motion Controller
- Max. 100Mbps transfer rate
- Ultra compact, a 2-axis integrated controller
- Max. 6.5MHz pulse output rate
- 32-bit counter for incremental encoder
- Programmable acceleration and deceleration time
- T-curve and S-curve velocity profiles support
- Easy installation with RJ45 phone jack and LED diagnostic
- DIN rail mounting (L-122 x W-65 x H-104 mm)

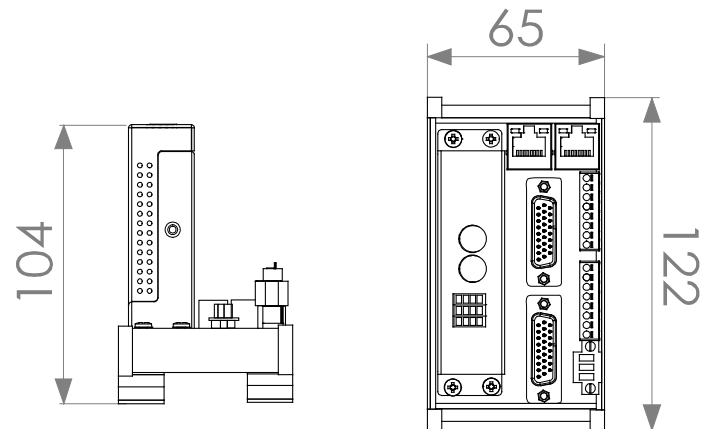
### Specifications

Serial interface	Fast Ethernet, Full-Duplex
Distributed Clock	0.5 / 1 / 2 / 4ms
Cable type	CAT5 UTP / STP Ethernet cable
Surge protection	10KV
Transmission speed	100Mbps
Support mode	CSP, PP, Home
Incremental encoder input	±EA x2, ±EB x2
Encoder index signal input	±EZ x2
Machine interface	PEL x2, MEL x2, ORG x2 and EMG
Servo driver interface	ALM x2, RDY x2, SVON x2, INP x2 and ERC x2
Position compare output	CMP x2, 250 points / ch.
Position control	Incremental mode / Absolute mode Data range: 32bits
Homing mode	ORG, EZ, Limit & totally 31 types
LED indicator	PWR, RUN, ERR, PEL, MEL, ORG, ALM, EMG
Power input	24VDC±10%
Power consumption	4W typical
Working temperature	0 to 60°C

### Ordering Information

207-M2A2-GEN	EtherCAT® 2-axis motion controller
SCB-1BB-06A/10A /20A/30A/50A/A0A	CAT5 LAN cable, 0.6M/1M/2M/3M/5M/10M
SCB-193-10A/20A /30A-DA2/GEN/MJ3 /SAN/YS5/PA5	DB26-SCSI 50 pin cable, 1M/2M/3M

### Dimensions and Drawing



01 EtherCAT Digital Slave

02 EtherCAT Analog Slave

03 EtherCAT Motion Slave

04 EtherCAT Microstep Driver

05 EtherCAT Start-KIT