

106-M1X4

106 SLV 4-M

4-Axes Motion.NET Motion Slave Module

Features

- ◆ Size (L-210 x W-150 x H-60 mm)
- ◆ Max. 20Mbps transfer rate
- ◆ Max. 6.5Mhz, 4-Axes pulse output
- ◆ 28 bits counter for incremental encoder
- ◆ Programmable acceleration and deceleration time
- ◆ T-curve and S-curve velocity profiles support
- ◆ Change speed/position on-the-fly
- ◆ Simultaneously start/stop on multiple motion control modules
- ◆ Easy installation with RJ45 phone jack and LED diagnostic
- ◆ Easy installation for servo or stepping motor driver

Specifications

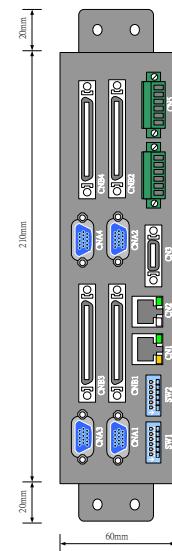
- ◆ Communication controller: Motion.NET slave motion controller ASIC
- ◆ Scheme type: Half duplex RS-485 with transformer isolation
- ◆ Cable type: CAT5 UTP/STP Ethernet cable
- ◆ Surge protection: 10KV
- ◆ Transmission speed: 2.5Mbps,5Mbps,10Mbps and 20Mbps
- ◆ Programmable Pulse output mode: \pm OUT/DIR, \pm CW/CCW, \pm A/B phase
- ◆ Programmable pulse command speed: Max 6.5Mpps / Min 0.05pps
- ◆ Position range: 28 bits (\pm 134,217,728 pulses)
- ◆ Home return mode: 2 types
- ◆ Velocity profiles: T-curve, S-curve
- ◆ Counter for encoder feedback signals: 28bits up/down
- ◆ Position latch input: LTC x 4
- ◆ Position compare output: CMP x 4
- ◆ Incremental encoder input: \pm EA x 4, \pm EB x 4
- ◆ Encoder index signal input: \pm EZ x 4
- ◆ Machine interface: PEL x 4, MEL x 4, ORG x 4, SLD x 4
- ◆ Servo driver interface: ALM x4, RDY x 4, SVON x 4, INP x 4, ERC x 4
- ◆ Simultaneous start/stop motion input: STA, STP
- ◆ LED indicator: PWR, RUN, ERR, PEL, MEL, ORG, SLD
- ◆ Power supply: +18V DC to +30V DC, consumption: 3W typical
- ◆ Working temperature: 0 to 60°C



Mechanical illustration

106-M124-PMA

106-M144-YS2



Vertical Mounting



Horizontal Mounting

Ordering Information

- ◆ **106-M124-PMA ***
4-Axes motion slave module for **Panasonic Minas A** servo driver
- ◆ **106-M144-YS2 ***
4-Axes motion slave module for **Yaskawa Sigma-II** servo driver
- ◆ **SCB-133-20A**
SCSI 50 pins cable, 2m length
- ◆ **SCB-2311-20A**
SCSI 50 – 2* SCSI 20pins cable, 2m length (for Mistubishi J2S Series Driver)
- ◆ **SCB-135-20A**
SCSI 50 – SCSI 26 pins cable , 2m length (for Fuji Faldic W Series Driver)