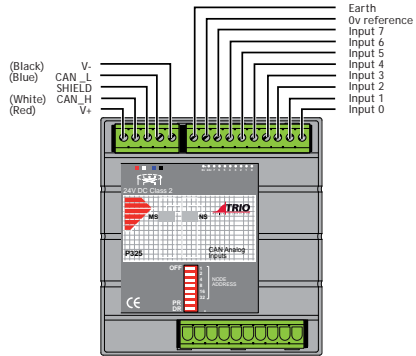


I/O MODULE
CAN ANALOGUE INPUTS MODULE
Quick Connection Guide

(Please refer to the *Motion Coordinator* Technical Reference Manual for Full Details)

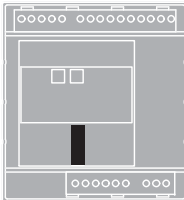
DESCRIPTION

The CAN Analogue Inputs Module allows the *Motion Coordinator* to be expanded with banks of 8 analogue input channels.



NOTE: Network cable must be screened twisted pair such as BELDEN 3084A

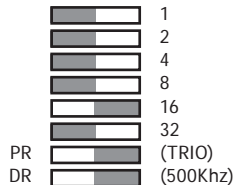
DIP SWITCH SETTINGS



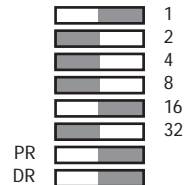
The switch marked DR sets 125kHz or 500kHz. Only 500kHz is valid with the TRIO protocol. The switch marked "PR" selects Analogue Feedback Mode (PR=off). Up to 4 P325 modules can be connected.

The addresses for P325 modules **MUST** be set 16,17,18... in sequence. Therefore the first P325 Module should have the switch setting:

ADDRESS = 16 Ain Channels 0...7

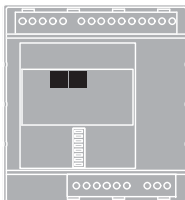


ADDRESS = 17 Ain Channels 8...15



Note: P325 modules and P316 (16-I/O) modules may be mixed on the network. The P316 addresses will be 0 to 15 in sequence and the P325 modules will be 16 to 19 in sequence.

LED INDICATORS

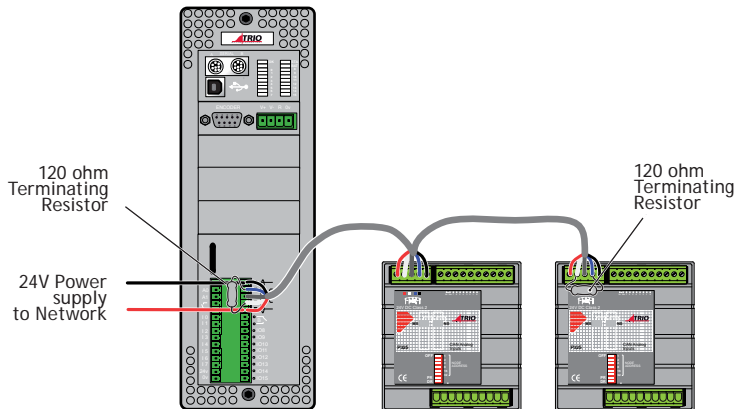
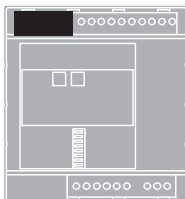


MS Represents “Module Status” - GREEN ON when module powered on OK
 NS Represents “Network Status” - GREEN ON is initialised.

Analogue Input Channel Numbers:

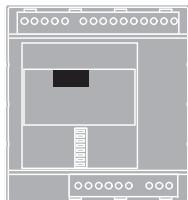
Address:	Start:	End:
16	0	7
17	8	15
18	16	23
19	24	31

WIRING



The P325 can be connected to any *Motion Controller* with a built in CANbus port.

LED ERROR CODES




 MS NO power or Address switches out of range

 MS Normal operation


 MS Recoverable fault (flashing)


 MS Unrecoverable fault

 NS Device not on-line

 NS On-line but not initialised (flashing)

 NS On-line and initialised by *Motion Coordinator*

 NS CANbus connection time-out (flashing)

 NS Critical link failure, cycle power to reset

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