

NEW Trio I/O Modules

CAN 16-Output Module (P317)

CONNECTIONS Power supply: 24V dc Class 2 transformer or power supply, +/-20%
 Output bank 1: 8 x 24V dc 250 mA outputs, 24V supply
 Output bank 2: 8 x 24V dc 250 mA outputs, 24V supply
 Max current per output bank: 1A
 Isolation between output banks: 1,500V dc
 Isolation between outputs/CAH: 1,500V dc

Front view terminals: 0 Out, 1 Out, 2 Out, 3 Out, 4 Out, 5 Out, 6 Out, 7 Out, 24V, 0V, 8 Out, 9 Out, 10 Out, 11 Out, 12 Out, 13 Out, 14 Out, 15 Out, 24V, 0V.

Rear view terminals: V- (black), CAN_L (blue), Shield, CAN_H (white), V+ (red).

V+ = 24V
V- = 0V

CAN 16-Input Module (P318)

CONNECTIONS Power supply: 24V dc Class 2 transformer or power supply, +/-20%
 Input bank 1: 8 x 24V dc inputs, 0V common
 Input bank 2: 8 x 24V dc inputs, 0V common
 Isolation between input banks: 1,500V dc
 Isolation between inputs/CAH: 1,500V dc

Front view terminals: 0 In, 1 In, 2 In, 3 In, 4 In, 5 In, 6 In, 7 In, N/C, 0V, 8 In, 9 In, 10 In, 11 In, 12 In, 13 In, 14 In, 15 In, N/C, 0V.

Rear view terminals: V- (black), CAN_L (blue), Shield, CAN_H (white), V+ (red).

V+ = 24V
V- = 0V

CAN 16-Input / Output Module (P319)

CONNECTIONS Power supply: 24V dc Class 2 transformer or power supply, +/-20%
 Bank 1: 8 x 24V dc inputs / 250mA outputs
 Bank 2: 8 x 24V dc inputs / 250mA outputs
 Max current per output bank: 1 Amp
 Isolation between I/O banks: 1,500V dc
 Isolation between inputs/CAH: 1,500V dc

Front view terminals: 0 I/O, 1 I/O, 2 I/O, 3 I/O, 4 I/O, 5 I/O, 6 I/O, 7 I/O, 24V, 0V, 8 I/O, 9 I/O, 10 I/O, 11 I/O, 12 I/O, 13 I/O, 14 I/O, 15 I/O, 24V, 0V.

Rear view terminals: V- (black), CAN_L (blue), Shield, CAN_H (white), V+ (red).

V+ = 24V
V- = 0V

CAN Analogue I/O Module (P326)

CONNECTIONS Power supply: 24V dc Class 2 transformer or power supply, +/-20%
 Analogue inputs: 8 x 12 bit, +/-10V, single ended, 0V common
 Analogue outputs: 4 x 12 bit, +/-10V, single ended, 0V common
 I/O is isolated from CAHbus.

Front view terminals: 0 Ain, 1 Ain, 2 Ain, 3 Ain, 4 Ain, 5 Ain, 6 Ain, 7 Ain, N/C, 0V, 0 Vout, 1 Vout, 2 Vout, 3 Vout, 0V, N/C, 0V.

Rear view terminals: V- (black), CAN_L (blue), Shield, CAN_H (white), V+ (red).

V+ = 24V
V- = 0V

CAN 8-Relay Out Module (P327)

CONNECTIONS Power supply: 24V dc Class 2 transformer or power supply, +/-20%
 Max switching voltage: 30V dc, 49V ac
 Absolute Max current: 1Amp
 Max switching power: 62.5 VA, 24W (dc)
 Isolation outputs / CAH: 1,500V dc

Front view terminals: Com0, NO0, NC0, Com1, NO1, NC1, Com2, NO2, NC2, Com3, NO3, NC3, Com4, NO4, NC4, Com5, NO5, NC5, Com6, NO6, NC6, Com7, NO7, NC7.

Rear view terminals: V- (black), CAN_L (blue), Shield, CAN_H (white), V+ (red).

V+ = 24V
V- = 0V

BUS WIRING

The CAN I/O modules and the *Motion Coordinator* are connected together on a CAN network. Terminate both ends of the network with 120Ω, 1/4W, 1% metal film resistors between CAN_H and CAN_L.

The CAN I/O modules are powered from the network. The 24V supply for the network must be externally connected. The *Motion Coordinator* does NOT provide the network power.

Use recommended CAHbus specification cables.

P317 / P319 - It is recommended that you use a separate power supply from that used to power the digital outputs to power the network as switching noise from the I/O devices may be carried into the network.