

Connections

Connector Board for AMC10, AMC11 and AMC12

Type: "CON13"

Controller-Supply

- P+ +15-80V In
- P- Ground (power)

Motor Outputs

- P- Motor cable shield
- FA Motor, phase A
- FB Motor, phase B
- FC Motor, phase C
- FD Motor, phase D

Power dump

- PDO Power dump output

Encoder- and Hall-input

- HLA Hall-input A
- HLB Hall-input B
- HLC Hall-input C
- 5VO +5V Out for encoder/Hall-sensor
- EZ1 Encoder, input Z1 (index)
- EZ2 Encoder, input Z2 (index)
- EA1 Encoder, input A1
- EA2 Encoder, input A2
- EB1 Encoder, input B1
- EB2 Encoder, input B2
- ECM Encoder-/Hall ground

Pulse Inputs

- XCM Ground for X-pulse input
- XI X-Pulse input
- YCM Ground for Y-Pulse input
- YI Y-Pulse input

Pulse Outputs

- O5V +5V In for output supply
- AO Pulse output A
- BO Pulse output B
- OCM Ground for pulse outputs

Analogue In-/output

- AIN +/-10V Analogue input
- ACM Ground for analogue in-/output
- ▲ AX2 Analogue output +/- 5V for 2nd. axis etc.

User Outputs

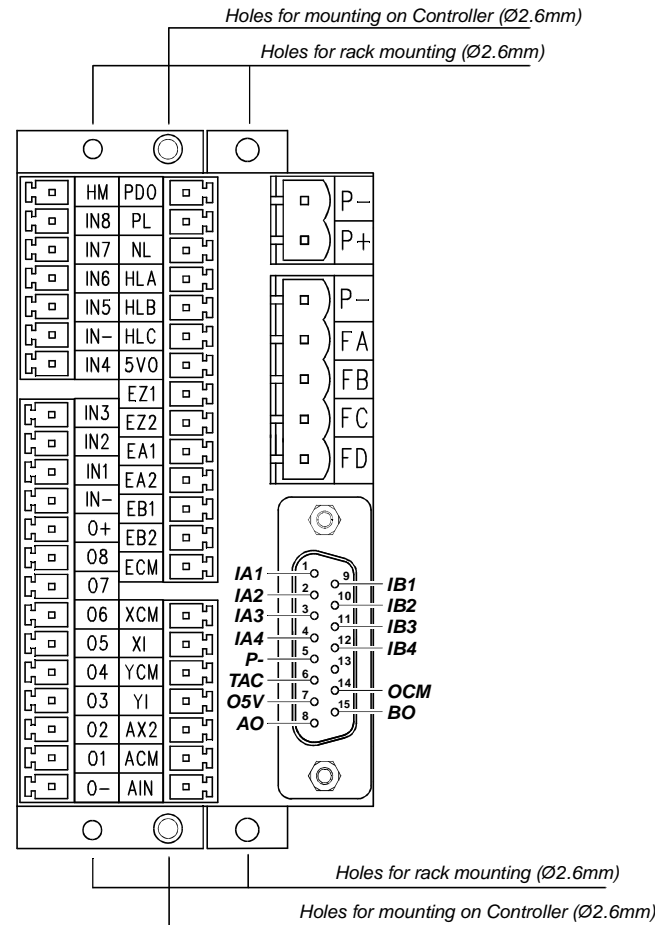
- O+ +5-30V Output supply
- O1 Output 1
- O2 Output 2
- O3 Output 3
- O4 Output 4
- O5 Output 5
- O6 Output 6
- O7 Output 7
- O8 Output 8
- O- Output ground

User-/stop inputs

- PL Positive end-of-travel input
- NL Negative end-of-travel input
- HM Home input
- IN1 Input 1
- IN2 Input 2
- IN3 Input 3
- IN4 Input 4
- IN5 Input 5
- IN6 Input 6
- IN7 Input 7
- IN8 Input 8
- IN- Input ground

Misc.

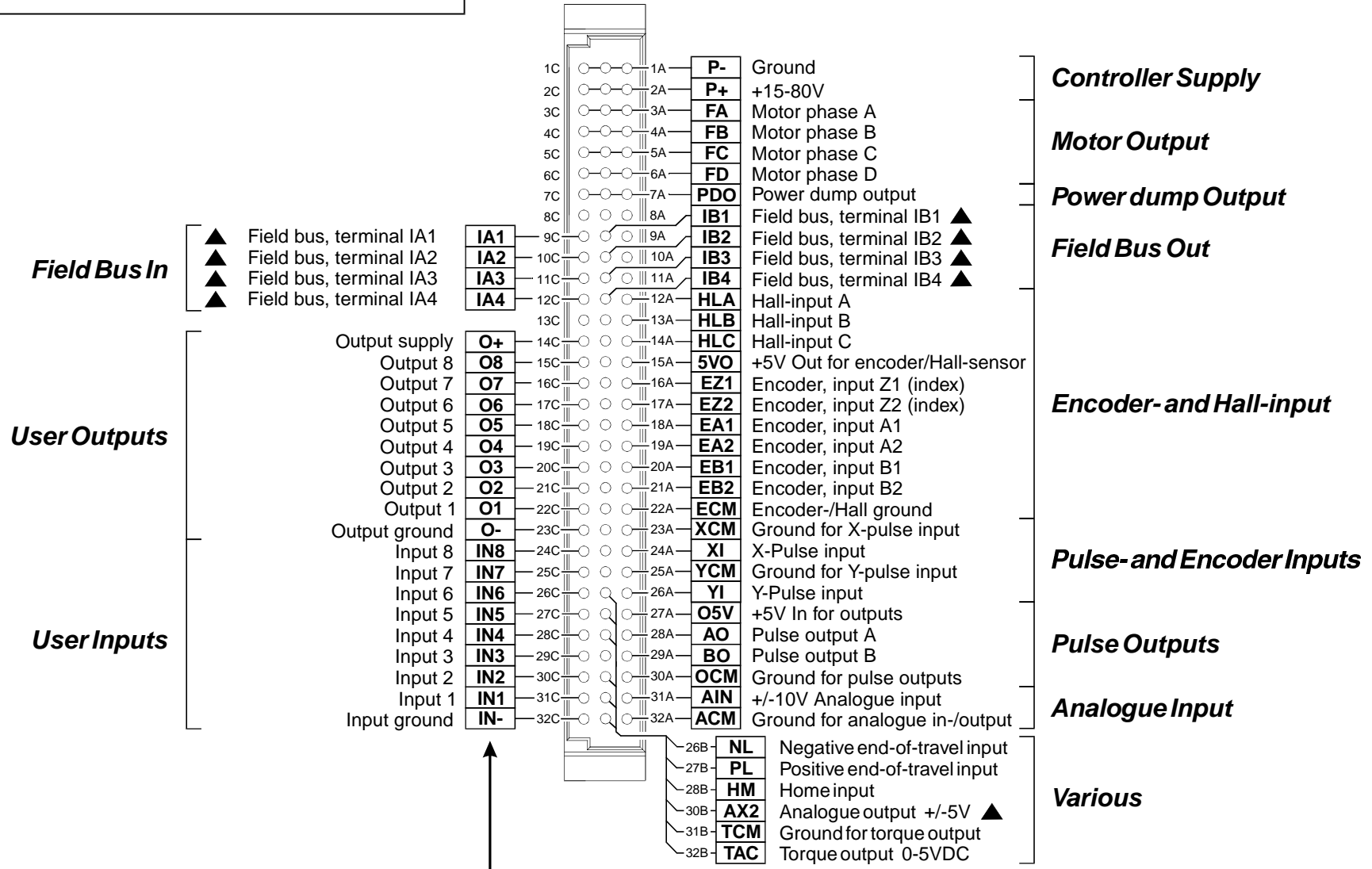
- ▲ IA1 Field bus, terminal IA1
- ▲ IA2 Field bus, terminal IA2
- ▲ IA3 Field bus, terminal IA3
- ▲ IA4 Field bus, terminal IA4
- ▲ IB1 Field bus, terminal IB1
- ▲ IB2 Field bus, terminal IB2
- ▲ IB3 Field bus, terminal IB3
- ▲ IB4 Field bus, terminal IB4
- P- Ground for field bus etc.
- TAC Torque monitor 0-5VDC



Terminals marked with "▲" are only intended for use in future products

Diagram of Connector Board CON13
JVL Industri Elektronik A/S 1996

DIN41612 Connector, type C
 Located at rear of AMC10,11,12



Designations on connector board

Terminals marked with " ▲ " are only available on Controller type AMC12