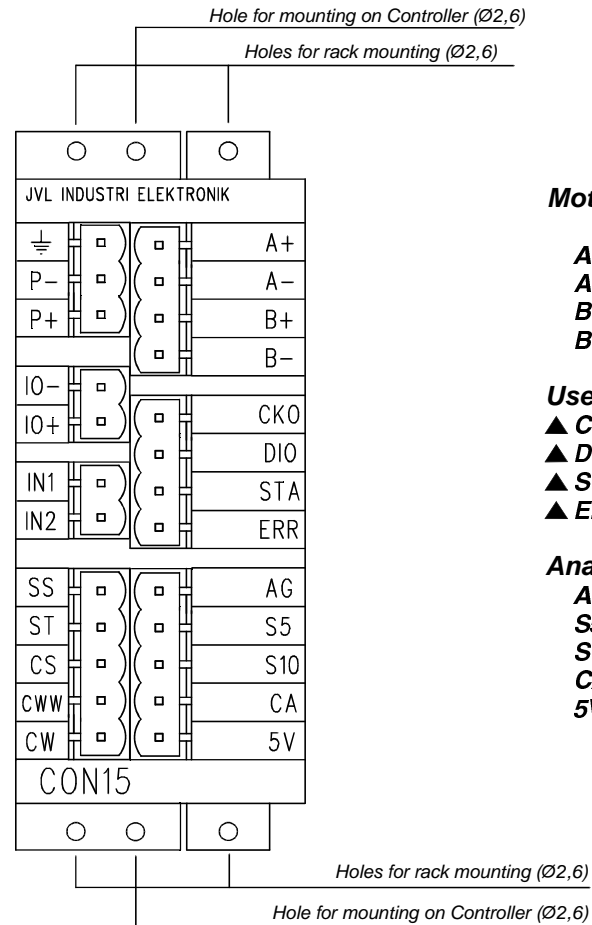


# Connections

## Connector Board for driver type SMD10, SMD15 and SMD30

### Type: "CON15"



#### Power Supply (used on SMD10 and SMD15 only)

- ⊥ Earth (connected to chassis and P-)
- P- Ground
- P+ + 15-45V (SMD10) / + 15-80V (SMD15)

#### Supply of In-/Outputs

- ▲ I/O- In- and output ground
- ▲ I/O+ +5-30VDC for supply of outputs

#### Pulse and Start/Stop Inputs

- ▲ IN1 Input for pulse or start/stop
- ▲ IN2 Input for direction or start/stop

#### Various Control Inputs

- ▲ SS Input for selection of speed
- ▲ ST Stop input
- ▲ CS Input for selection of operating and standby current
- ▲ CCW Lower end-of-travel input
- ▲ CW Upper end-of-travel input

#### Motor Output (SMD10 and SMD15 only)

Motor connections to SMD30 see user's manual

- A+ Motor output, phase A+
- A- Motor output, phase A-
- B+ Motor output, phase B+
- B- Motor output, phase B-

#### User Outputs

- ▲ CKO Pulse output
- ▲ DIO Direction output
- ▲ STA Status output
- ▲ ERR Error output

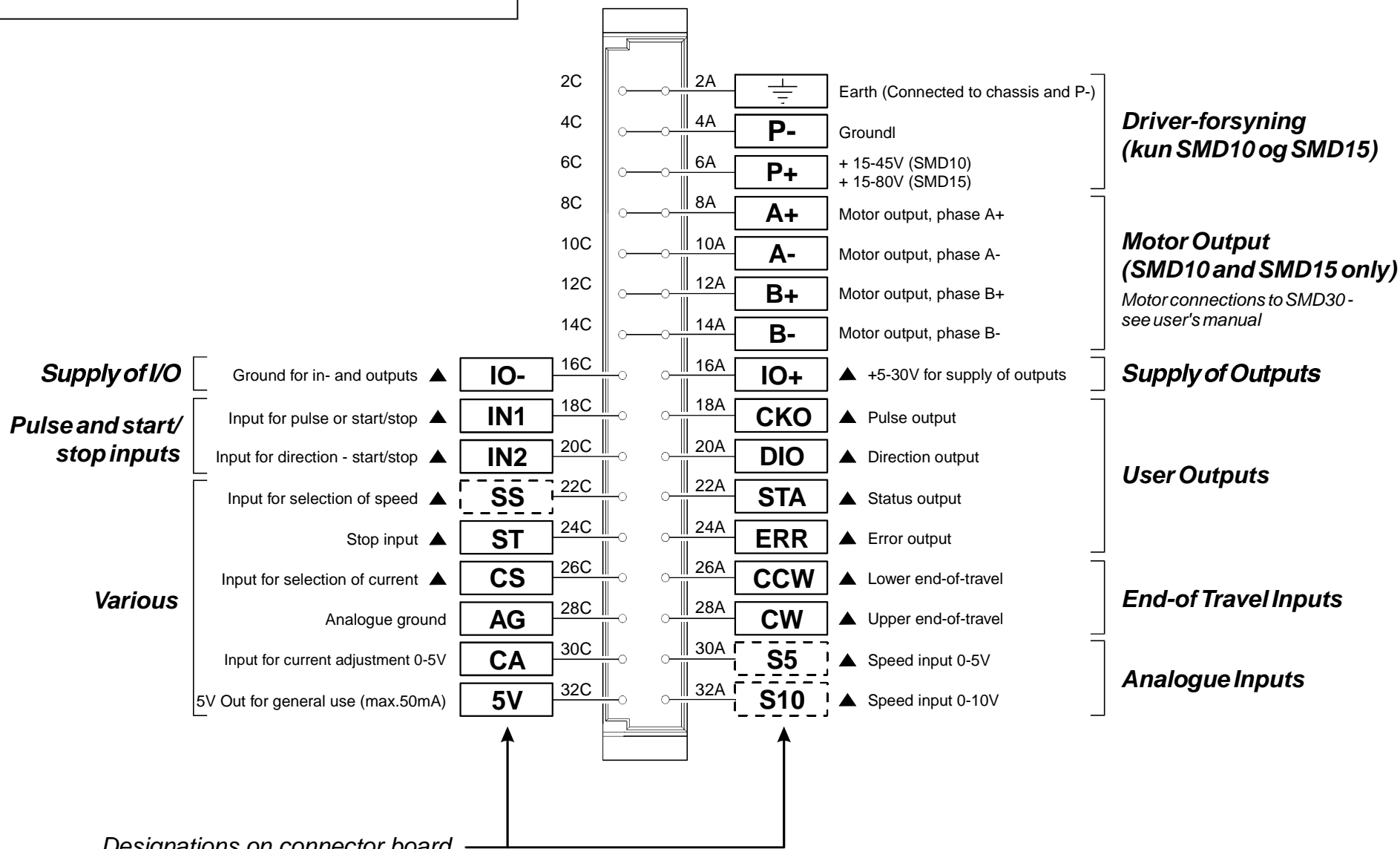
#### Analogue In-/Outputs

- AG Analogue ground
- S5 Speed input 0-5V
- S10 Speed input 0-10V
- CA Input for current adjustment 0-5V
- 5V 5V Out for general use (max.50mA)

**Note : Terminals marked with "▲" are galvanically isolated from other terminals**

**Diagram of Connector Board CON15**  
**JVL Industri Elektronik A/S 1996**

DIN41612 Connector, type D  
 Located at rear of SMDxx



Designations on connector board

   = Driver types with step generator only

Note: Terminals marked with "▲" are galvanically isolated from other terminals