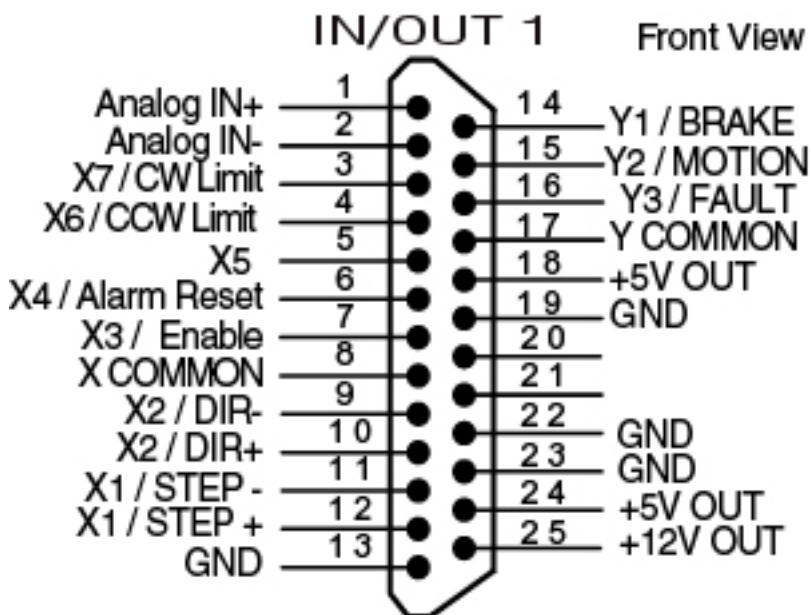


Connecting Digital Outputs on the IN/OUT1 connector

See Also -

[Connecting Digital Inputs on the IN/OUT2 connector](#)

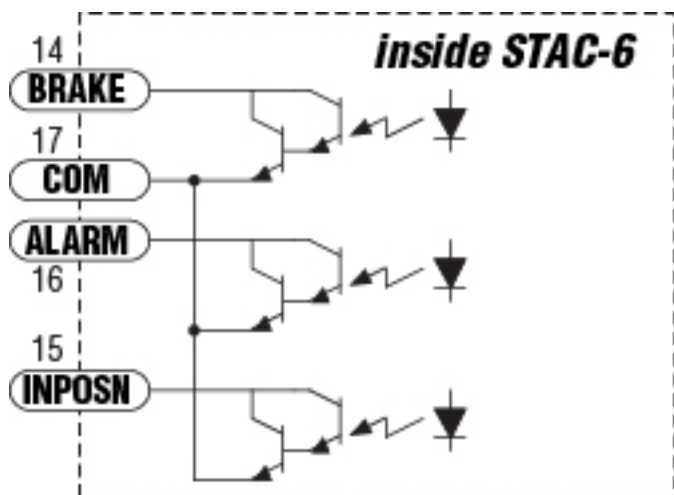


The STAC6 drives feature three digital outputs:

Brake: controls an electric brake relay, automatically releasing and engaging as the drive requires

Alarm: closes when a drive fault or alarm condition occurs. The red and green LEDs will flash an error code.

Motion: indicates that the drive has achieved a desired goal, such as a target position.



The optional I/O expansion board adds four additional programmable

outputs .

The outputs can be used to drive LEDs, relays and the inputs of other electronic devices like PLCs and counters. The [BRAKE](#), [ALARM](#) and [MOTION](#) outputs can only sink current.

The COM terminal must be tied to power supply (-).

Diagrams of each type of connection follow.

Do not connect the outputs to more than 30VDC.

The current through each output terminal must not exceed 100 mA.

