

# DB-L17 Logic Driver Board Technical Information

## Description

The DB-L17 Logic Driver Board can read up to 10 inputs and can control up to 17 high current outputs to allow complex control of a machine's functions from a simple, easy to use control handle. The DB-L17 is factory programmed to the customer's specifications and is designed for easy installation and reliable operation in mobile equipment. The DB-L17 can be used to replace relays, timers, diode logic circuits and programmable logic controllers (PLCs) in many applications.

## Features

- + 10 inputs designed to operate over a wide input voltage range.
- + Inputs are read as OFF if left floating or disconnected.
- + 17 solid state, high current outputs that can drive 2.5A each.
- + Outputs can be paralleled for higher current drive of up to 24A.
- + Outputs protected against over-current and over-temperature.
- + Outputs automatically reset when overload is cleared.
- + Outputs protected against transients from inductive load switching.
- + Powerful microprocessor scans the inputs and updates the outputs 55 times per second.
- + Terminal strips 18 to 22 gauge wire.
- + Status LED on board shows power on and input state.
- + Custom programming service available for virtually any application.
- + Compact enclosure with mounting lugs.

## Electrical Specifications

### POWER SUPPLY

Supply Voltage:	6 to 28 VDC
Supply Current (idle):	15 mA
Supply Current (max):	up to 24A, depending on configuration
Aux. Vout:	5VDC, maximum 20 mA

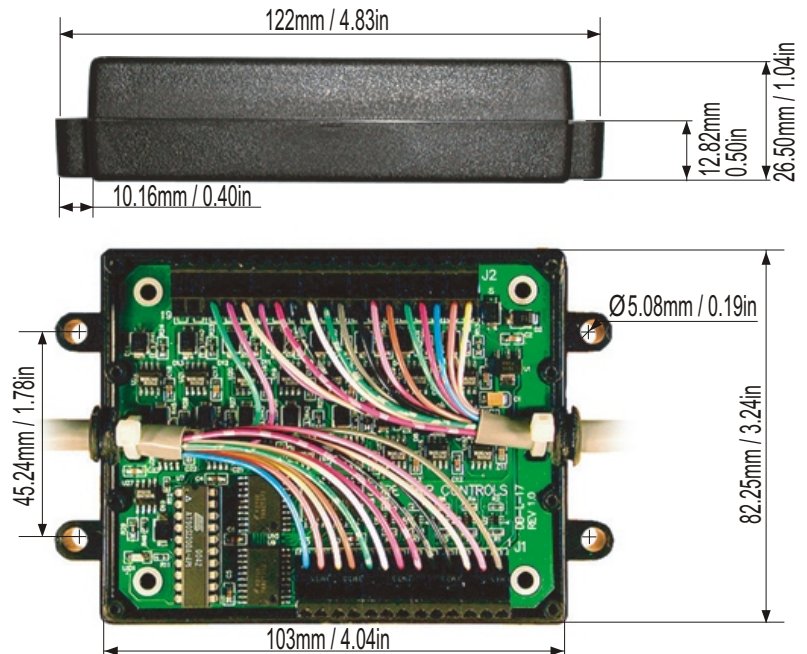
### INPUT

Input Voltage 6V to 28V(supply)

### OUTPUT

Output current 2.5A per output

## Dimensions



## Applications

- + Control switch multiplexing.
- + Keyboard or function re-mapping.
- + Multiple high current outputs.
- + Function interlocks.
- + Sequential, timed or delayed functions