DBL-17 DRIVER BOARD

SURE GRIP™ CONTROLS INC.
A Bailey Hydraulics Company

TECHNICAL INFORMATION

Description

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

Features

+ 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.
+ 10 inputs operate over a wide input voltage range.
+ 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.
+ Termination of 18 to 22 gauge wire logic applications.
+ Status LED on board shows power on and input state.
+ Compact enclosure with mounting lugs.
+ Factory configurable to match custom

Electrical Specifications

POWER SUPPLY:

Supply Voltage:	6 to 30 VDC
Supply Current (idle):	15 mA
Supply Current (max):	up to 24A, depending on configuration
Reference. Vout:	5VDC, maximum 20 mA

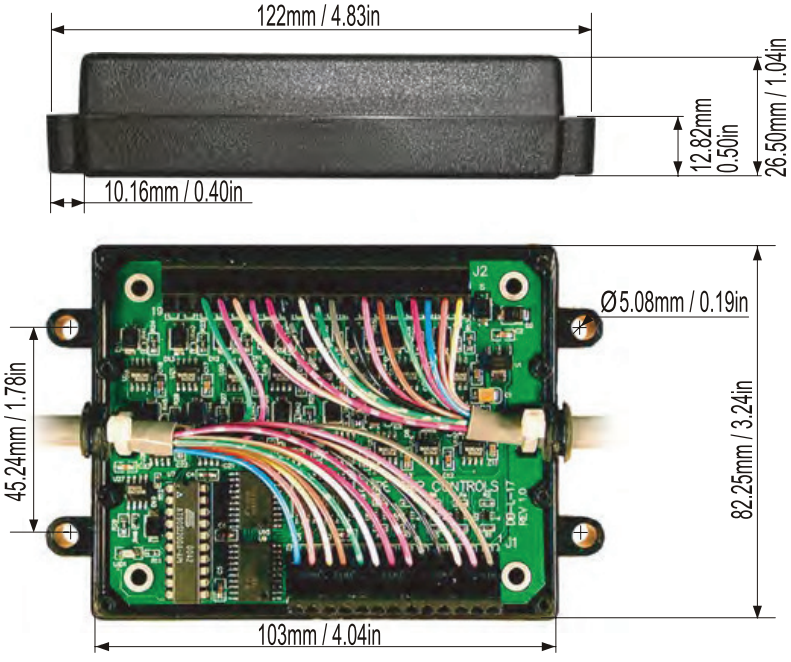
INPUT:

Input Voltage	6V to 28V(supply)

OUTPUT:

Output current	2.5A per output

Dimensions



Applications

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

Specifications are subject to change without notice

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