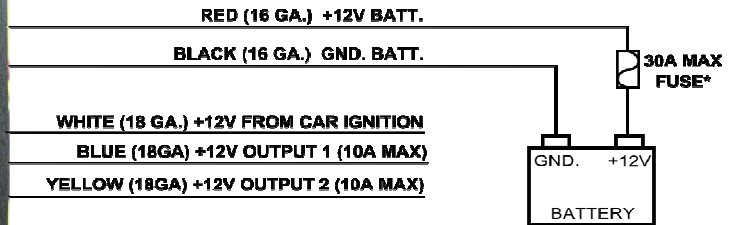
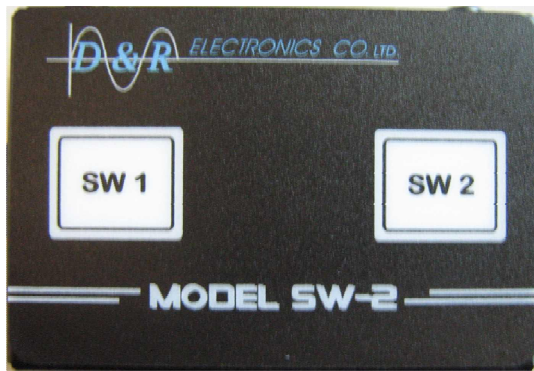


SW-2 DUAL SWITCH MODULE INSTRUCTIONS

The SW-2 dual switch module is a lightweight, small size, microprocessor controlled switch box which can be used in a large variety of applications in the emergency vehicles.

- Main features:**
- microprocessor controlled;
 - 10AMP max. load on each output;
 - each switch can be individually setup as ON/OFF or MOMENTARY;
 - switch backlight active with IGNITION;
 - anti-spill protective front LEXAN®;



* NOTE: 30A maximum fuse to be used when both outputs use the maximum 10A load. For other current loads the fuse rating has to be adjusted accordingly at 1.5 times of total maximum load.

INSTALLATION INSTRUCTIONS

MOUNTING

The SW-2 DUAL SWITCH module can be mounted in any convenient location in the interior of the vehicle, on a flat surface, using the chassis mounting wings and two self tapping screws. *The mounting has to not interfere in any way with the car's factory equipment.*

CONNECTING THE WIRES

BLACK WIRE

Connect this wire to a convenient, reliable ground point.

RED WIRE

Connect this wire to +12V battery.

WHITE WIRE

Locate the *IGNITION RUN* wire, coming out from the

IGNITION SWITCH. Tap the WHITE wire into it. When the IGNITION is ON it will activate the switches backlight.

BLUE WIRE

Provides access to OUTPUT 1 and it can sustain a maximum load of 10A. The output provides +12VDC and it is controlled by SW1 which has the factory default setup as ON/OFF switch. Using jumper J3 from the circuit board the switch can be changed to a MOMENTARY switch.

YELLOW WIRE

Provides access to OUTPUT 2 and it can sustain a maximum load of 10A. The output provides +12VDC and it is controlled by SW2 which has the factory default setup as ON/OFF switch. Using jumper J4 from the circuit board the switch can be changed to a MOMENTARY switch.

OPERATING INSTRUCTIONS

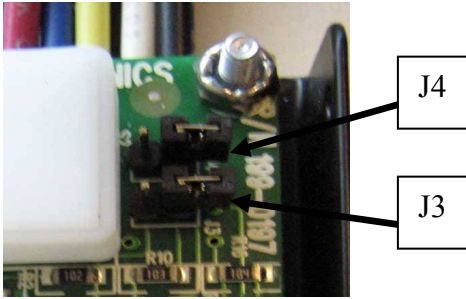
The two outputs are activated once the proper switch it is pressed: – SWITCH 1 activates OUTPUT 1
– SWITCH 2 activates OUTPUT 2

The factory default for the two switches is ON/OFF switch. In order two change the setup of one or both switches follow the steps presented below:

- disconnect the unit from +12V input power;
- open the chassis box by removing the 4 self tapping screws used to assemble the unit;



- setup jumpers J3 and J4 accordingly:



- J3 and/or J4 **OPEN** (like in the picture) it will set Switch 1 and/or Switch 2 as ON/OFF switch
- J3 and/or J4 **CLOSED** it will set Switch 1 and/or Switch 2 as MOMENTARY switch

WARRANTY

D & R Electronics warrants its new products to be free from defects in material and workmanship, under normal use and service, for a period of three years on parts replacement, and one year on labour.

This warranty applies only to original purchasers acquiring the product directly from D & R Electronics, or its authorized dealers. Warranty will not be recognized without proof of purchase or bill of sale. This warranty is not transferable.

The warranty begins on the date of delivery to the first user/purchaser.

This warranty shall not apply to products which must be repaired due to normal wear and tear, negligence, improper installation, abuse, misuse, or which have been altered or modified at a facility other than D & R Electronics, or its authorized depot center.

Units demonstrated to be defective within the warranty period, based on an examination by D & R Electronics, will be replaced or repaired at D & R Electronics' option.

This warranty does not cover travel expenses or labor charges for removal or installation. Lamps, flash tubes or batteries are not covered under warranty.

THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. D & R ELECTRONICS MAKES NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, THAN THE EXPRESS WARRANTIES CONTAINED HEREIN.

IN NO EVENT SHALL D & R ELECTRONICS BE LIABLE FOR OTHER DAMAGES INCLUDING CONSEQUENTIAL OR INDIRECT OR SPECIAL DAMAGES WHETHER LOSS IS DUE TO NEGLIGENCE OR BREACH OF WARRANTY.

**D & R ELECTRONICS CO. LTD
8820 George Bolton Pkwy
Bolton, Ontario
L7E 2Y4**

**ADMINISTRATION: (905) 951-9997 FAX: (905) 951-0019
www.dandrelectronics.com**