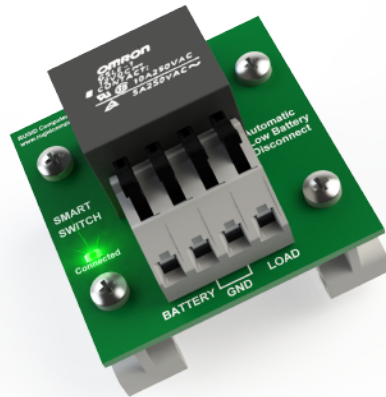


AUTOMATIC LOW BATTERY DISCONNECT



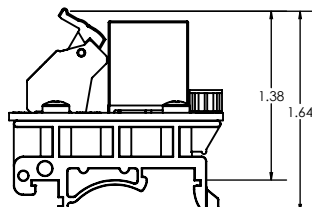
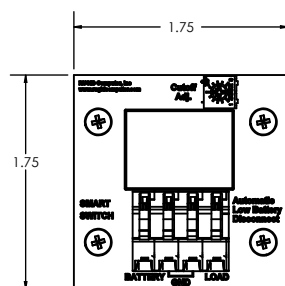
The OTB Engineering **SMART SWITCH** is an automatic low battery / low voltage disconnect (LVD). The Smart Switch is available in two versions designed to work with any 12 or 24 VDC control panel or power supply. To protect electronics from damaging low voltages and prevent a deep discharge of a battery during an extended power outage, the Smart Switch LVD will automatically disconnect the battery when the voltage falls below the user adjustable cutoff voltage. When power is restored the Smart Switch will automatically reconnect the battery.

- LVD protects battery from deep discharge
- LVD protects electronics from brown-out
- Automatic battery reconnect
- User adjustable disconnect voltage
- Quick connect/disconnect wire terminals
- LED provides visual indication when load connected
- Easy to mount DIN rail package or embedded package
- Compact footprint (1.75" x 1.75")

SPECIFICATIONS

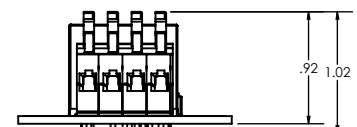
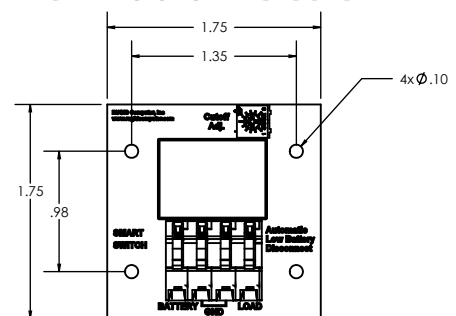
	12VDC SMART SWITCH	24VDC SMART SWITCH
Low battery disconnect voltage adjustable from	8.8VDC - 12.7VDC	20.0VDC - 24.2VDC
Battery reconnect above disconnect voltage	1.3VDC	2.1VDC
Factory set disconnect/reconnect voltage	11.2VDC / 12.5VDC	22.5VDC / 24.6VDC
Relay contacts	10A @ 30VDC; NO	8A @ 30VDC; NO
Battery connect current draw	33.3mA@12VDC	16.7mA@24VDC
Current draw LVD mode	100µA	
Spring clamp terminal block	14 - 28 AWG	
Temperature range	-40 to +85 degrees Celsius	

DIMENSIONS - DIN RAIL MOUNT



Order code: SMART-SWITCH-DIN-XX
XX = 12, 24

DIMENSIONS - EMBEDDED



Order code: SMART-SWITCH-EMB-XX
XX = 12, 24

