



Carling Technologies BD-Series battery disconnect switch is designed to minimize battery drain, impart maintenance personnel safety, and when used in conjunction with a padlock, provides vehicle theft protection.

Product Highlights:

- 300 Amps
- 12VDC/24VDC
- IP67 Sealing Protection
- Lock Compatible

Part Numbers:

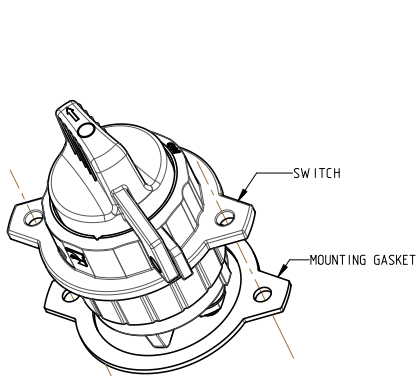
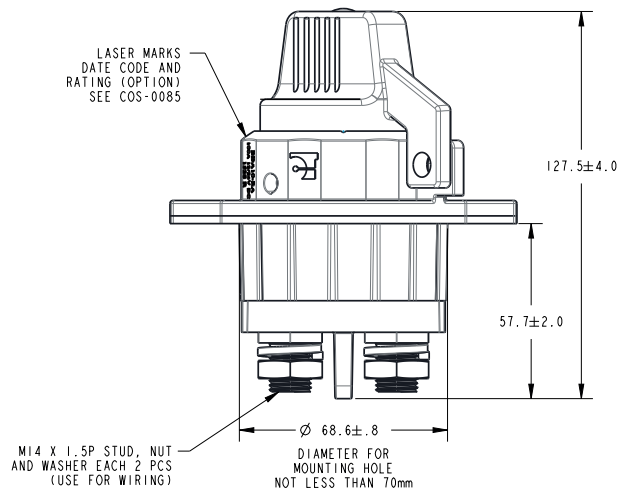
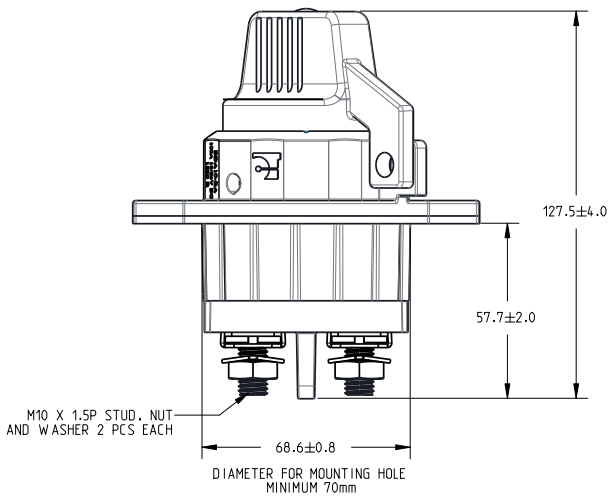
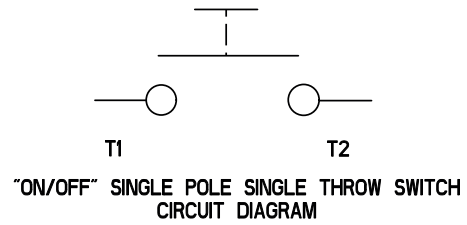
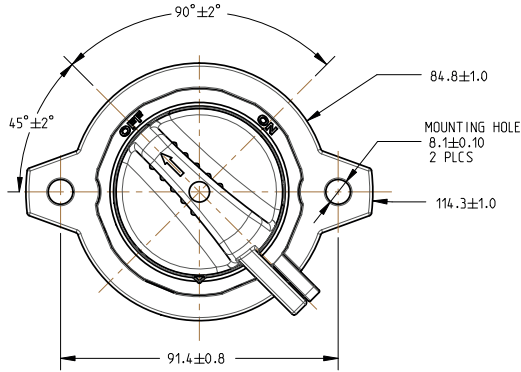
- BDB10-BA Black knob
- BDB10-RA Red knob
- BDB10-YA Yellow knob

General Specifications:

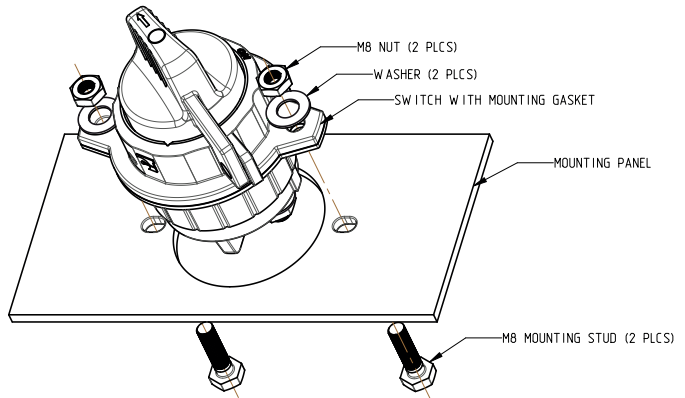
| Electrical | |
|----------------------|---|
| Application Voltage | DC Rated voltage: 12VDC / 24VDC Range of operating voltage: 12VDC: min 9VDC, max 16VDC; 24VDC: min 18VDC, max 32VDC |
| Continuous Current | 12VDC/24VDC: 300A. |
| Intermittent Current | 12VDC/24VDC: 1500A, 3 seconds on, 60 seconds off, 10 cycles: voltage drop should not exceed 400mV between main terminals. |
| Physical | |
| Number of Poles | Single Pole |
| Wiring Terminals | Line/Load terminal: M10 brass nuts; Torque value: (6~8 Nm). |
| Mounting | M8 Iron nut, torque value: 10-15 Nm. |
| Colour | Body: Black Actuator: Black, red or yellow knob, with white color "Arrow" legends. |
| Weight | 340g |
| Materials | Base (PBT glass filled), Bracket & Knob (nylon glass filled), Studs (Copper + Tin plating), Nuts (Brass). |
| Endurance | 2 seconds ON and 6 seconds OFF per operation, load with rated current & voltage. 12V test @14V±0.1V; 24V test @28V±0.2V 3,000 cycles: 300A current |
| Environmental | |
| Operating Temp. | -40 °C to +85 °C. |
| Dust/Waterproof | IP 67, IEC 60529 or GB4208. |
| UV Protection | ASTM G155-05a, cycle 11, 300 hr Xenon Arc, 1.4W/(m ² ·nm), wavelength 420 nm. |



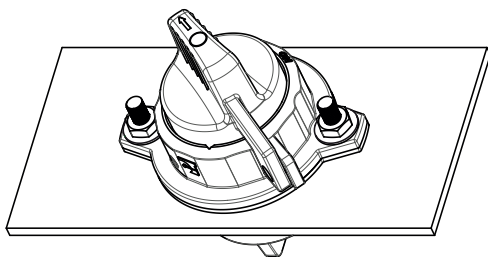
Dimensional Specifications (mm):



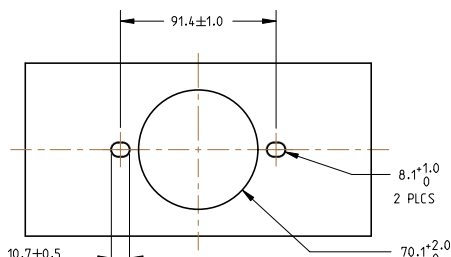
MOUNTING STEP 1: ATTACH MOUNTING GASKET WITH THE SWITCH ORIENTATION AS SHOWN



MOUNTING STEP 2: ORIENT AS SHOWN AND INSTALL THE SWITCH IN MOUNTING PANEL HOLE; THEN INSERT STUDS AND WASHERS



MOUNTING STEP 3: TIGHTEN 2PCS M8 NUTS (REC. TORQUE [10-15Nm])



MOUNTING PANEL

Notes: Switch can be mounted horizontally or vertically.

Proudly distributed by:



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