BOCATECH
Switches

NEXT GENERATION SOLUTIONS



www.bocatechswitches.com

Surge Voltage Protection
Available in 12 or 24VDC

SPECIFICATIONS/FEATURES

- Stainless steel 316 (marine rated)
- IP67/IK08 Rated
- Color LED rings clearly indicate status of power
- Solid state circuitry to handle 20ADC
- Operation travel: about 3.1mm
- Operation pressure: 3-5N
- LED Life: 40,000 hours
- Operating temperature: -20° - +55°C
- Outer diameter: 19mm
- Panel thickness: 1-10mm
- Switches available in on/off & momentary
- Used for 12 or 24VDC marine and automotive systems
- Ignition proof
- Surge protection
- 4ft Pigtail (tin plated)
- LED can be seen in direct sunlight

Adaptor Kit Optional



Mini LED Resettable Power Switch*



BT20LEDSW
*patent approved

IBEX 2015 INNOVATION AWARDS WINNER

Bocatech's 20ADC, solid state **Resettable Push Button Mini LED Switch** defines the word innovation. It is built with stainless steel components, is environmentally rugged and hosts a stylish blue or red light.

Most switches in this size and form are only capable of 3-5DC amps. Bocatech's self-contained ressettable switch delivers high power up to 20ADC.

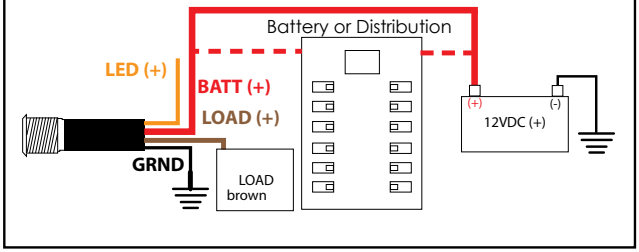
Because of its size, the distribution, dash, etc., can be smaller and/or populated more densely and still provide high current to branch circuitry. The Resettable Switch is cost efficient; no need for external fuses or breakers. Installation is very simple; a ¾ inch hole is all that's needed to provide power for high current products.

Available in 5A, 10A, 15A & 20A, On/Off and Momentary Type as well as in Blue and Red.

CONFIGURATIONS

MODEL	AMPS	ACTION	COLOR
BT5LEDSW-BF	5ADC	On/Off	Blue
BT5LEDSW-MBF	5ADC	Momentary	Blue
BT5LEDSW-RF	5ADC	On/Off	Red
BT5LEDSW-MRF	5ADC	Momentary	Red
BT10LEDSW-BF	10ADC	On/Off	Blue
BT10LEDSW-MBF	10ADC	Momentary	Blue
BT10LEDSW-RF	10ADC	On/Off	Red
BT10LEDSW-MRF	10ADC	Momentary	Red
BT15LEDSW-BF	15ADC	On/Off	Blue
BT15LEDSW-MBF	15ADC	Momentary	Blue
BT15LEDSW-RF	15ADC	On/Off	Red
BT15LEDSW-MRF	15ADC	Momentary	Red
BT20LEDSW-BF	20ADC	On/Off	Blue
BT20LEDSW-MBF	20ADC	Momentary	Blue
BT20LEDSW-RF	20ADC	On/Off	Red
BT20LEDSW-MRF	20ADC	Momentary	Red

BT15LEDSW-BF WIRING DIAGRAM



Attach the LED (+) wire to either Load (+) wire or external +12VDC adjustment.

IMPORTANT: Proper wiring must be followed! Improper wiring may cause damage to switch.

DUAL SERIES

- 2CKT
- NAV/ANCHOR
- MOMENTARY

&

NON-RESETTABLE RESETTABLE

SWITCH LINE

SPACE SAVING

LABOR CUTTING

www.bocatechswitches.com

DUAL SERIES

2 channel, bi-color
5 Amp per channel

SPECIFICATIONS/FEATURES

- Stainless Steel 316 (Marine rated)
- IP67/IK08 rated
- Dual color LED rings clearly indicate status of power
- LED Life: 40,000 hours
- Operation travel: about 3.1mm
- Operation pressure: 3-5N
- Panel thickness: 1-10mm
- Outer diameter: 19mm
- Switch Length: 3"
- 4' pigtails (tin plated)
- Used for 12/24VDC marine systems
- Operating temperature: -20° - +55°C
- Solid State
- 5ADC per channel
- Ignition proof
- LED can be seen in direct sunlight

Adaptor Kit Optional



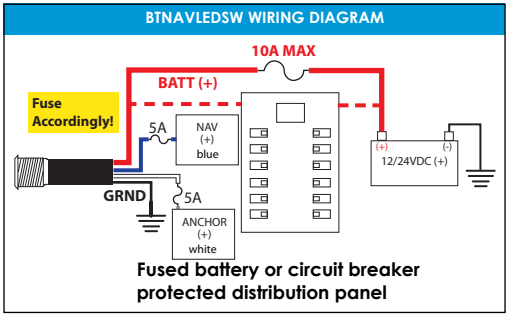
Mini LED Nav/Anchor Switch*



BTNAVLEDSW
*patent approved
(On/On) (Off/On) (Off/Off)

Bocatech's Mini LED NAV/Anchor Push Button Switch is built with 316 stainless steel components, is environmentally rugged and hosts a stylish bi-color function LED. One switch provides two channel outputs.

How it works:
First press turns on the Navigation & Anchor lights (LED ring turns Blue). Second press leaves Anchor light on and turns off Navigation light (LED ring turns Red). Third press turns all lights off.



IMPORTANT: Proper wiring must be followed! Improper wiring may cause damage to switch.

Mini LED 2 Circuit Switch*



BT5LEDSW-2CKT

*patent approved

(On/Off) (Off/On) (Off/Off)

DUAL SERIES

2 channel, bi-color
5 Amp per channel

SPECIFICATIONS/FEATURES

- Stainless Steel 316 (Marine rated)
- IP67/IK08 rated
- Dual color LED rings clearly indicate status of power
- LED Life: 40,000 hours
- Operation travel: about 3.1mm
- Operation pressure: 3-5N
- Panel thickness: 1-10mm
- Outer diameter: 19mm
- Switch Length: 3"
- 4' pigtails, tin plated
- Used for 12/24VDC marine systems
- Operating temperature: -20° - +55°C
- Solid State
- 5ADC per channel
- Ignition proof
- Surge protection
- LED can be seen in direct sunlight

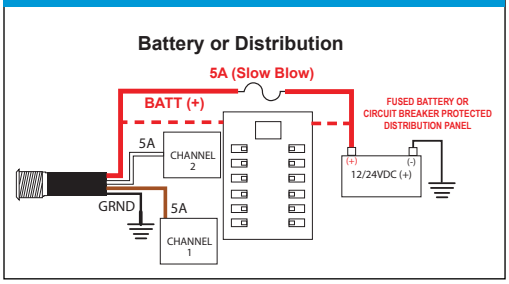
Adaptor Kit Optional



Bocatech's Mini LED 2 Circuit Push Button Switch is built with 316 stainless steel components, is environmentally rugged and hosts a stylish bi-color function LED. One switch provides two channel outputs.

How it Works:
First press turns on Channel 1 (LED ring turns Blue). Second press, Channel 1 turns Off and Channel 2 turns On (LED ring turns Red). Third press turns all off.

BT5LEDSW-2CKT WIRING DIAGRAM



IMPORTANT: Proper wiring must be followed! Improper wiring may cause damage to switch.

DUAL SERIES

2 channel, bi-color
5 Amp per channel

SPECIFICATIONS/FEATURES

- Stainless Steel 316 (Marine rated)
- IP67/IK08 rated
- Dual color LED rings clearly indicate status of power
- LED Life: 40,000 hours
- Operation travel: about 3.1mm
- Operation pressure: 3-5N
- Panel thickness: 1-10mm
- Outer diameter: 19mm
- Switch Length: 3"
- 4' pigtails, tin plated
- Used for 12/24VDC marine systems
- Operating temperature: -20° - +55°C
- Solid State
- 5ADC per channel
- Ignition proof
- Surge protection
- LED can be seen in direct sunlight

Adaptor Kit Optional



Mini LED Momentary 2CKT*



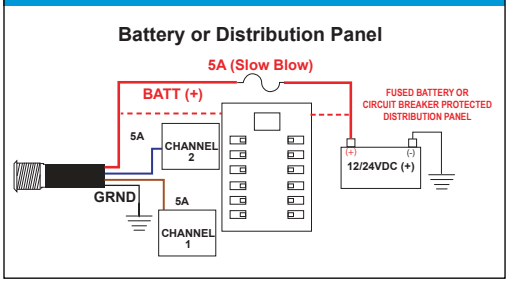
BT5LEDSW-M2CKT

*patent approved

Bocatech's Mini LED Momentary 2 Circuit Push Button Switch is built with 316 stainless steel components, is environmentally rugged and hosts a stylish bi-color function LED. One switch provides two channel outputs.

How it Works:
A short press will alternate between the blue light (channel 1) and the red light (channel 2). A long press of either of these states will deliver power to the selected channel for the duration of the press.

BT5LEDSW-M2CKT WIRING DIAGRAM



IMPORTANT: Proper wiring must be followed! Improper wiring may cause damage to switch.

Mini LED Power Switch*

Surge Protection
Available in 12 or 24VDC

SPECIFICATIONS/FEATURES

- Stainless steel 316 (marine rated)
- IP67/IK08 Rated
- Large 0.6" diameter, various color LED rings clearly indicate status of power
- Solid state circuitry to handle 15ADC
- Operation travel: about 3.1mm
- Operation pressure: 3-5N
- LED Life: 40,000 hours
- Operating temperature: -20° - +55°C
- Outer diameter: 19mm
- Panel thickness: 1-10mm
- Switches available in on/off & momentary
- Used for 12 or 24VDC marine and automotive systems
- Ignition proof
- Surge protection
- LED can be seen in direct sunlight
- 4' pigtails, tin plated

CONFIGURATIONS

MODEL	AMPS	ACTION	COLOR
BT15LEDSW1-B	15ADC	On/Off	Blue
BT15LEDSW-MB	15ADC	Momentary	Blue
BT15LEDSW1-R	15ADC	On/Off	Red
BT15LEDSW-MR	15ADC	Momentary	Red

Adaptor Kit Optional





BT15LEDSW1

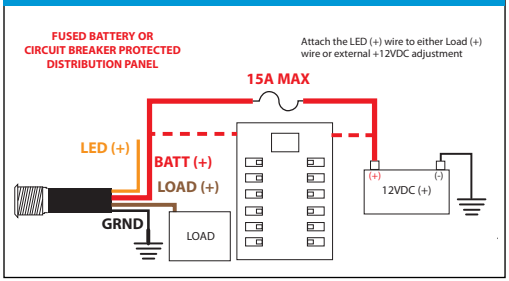
*patent approved

Bocatech's 15ADC, solid state Mini LED Push Button Power Switch is built with stainless steel 316 components, is environmentally rugged and hosts a stylish blue light.

Most switches in this size and form are only capable of 3-5DC amps. **Bocatech's** self-contained switch delivers high power 15ADC with no external electronics needed.

Because of its size, the distribution, dash, etc., can be smaller and/or populated more densely and still provide high current to branch circuitry. The Mini Switch is cost efficient; no need for external electronic control or wiring. Installation is very simple; a ¾ inch hole is all that's needed to provide power for high current products.

BT15LEDSW-15ADC WIRING DIAGRAM

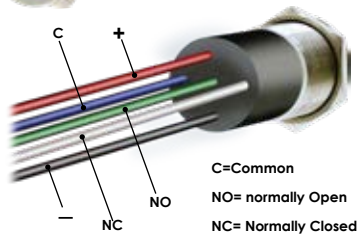


IMPORTANT: Proper wiring must be followed! Improper wiring may cause damage to switch.

Mini Rugged LED Switch
5ADC



BTRWPSW



Available in 3.3, 5, 12 & 24V

SPECIFICATIONS/FEATURES

- Stainless Steel 316 (Marine Rated)
- IP67/Ik08 rated
- Ignition proof (certification 20802-1)
- Large 0.6" diameter, various color LED rings indicate status of power
- Mechanical life: 1,000,000 cycles
- Operation travel: about 3.1mm
- Operation pressure: 3-5N
- LED Life: 40,000 hours
- Operating temperature: -20° - +55°C
- Outer diameter: 19mm
- Panel thickness: 1-10mm
- Switches available in on/off & momentary
- Contact resistance: 50mΩ
- Insulation resistance: 1000MΩ
- Electrical life: 50,000 cycles
- The LED can be seen in direct sun light
- Vibration resistant
- 4ft pigtail (tin plated)

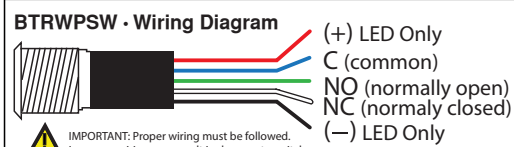
Adaptor Kit Optional



CONFIGURATIONS

MODEL	AMPS	ACTION	COLOR
BTRWPSW-12BL	5ADC	On/Off	Blue
BTRWPSW-12MBL	5ADC	Momentary	Blue
BTRWPSW-12RD	5ADC	On/Off	Red
BTRWPSW-12MRD	5ADC	Momentary	Red
BTRWPSW-5MBL/R	5ADC	Momentary	Blue/Red
BTRWPSW-12MBL/R	5ADC	Momentary	Blue/Red
BTRWPSW-3MBL	5ADC	Momentary	Blue

BTRWPSW WIRING DIAGRAM



Available in
3.3, 5, 12 & 24V

SPECIFICATIONS/FEATURES

- Stainless Steel 316 (Marine Rated)
- IP67/IK08 rated
- Large 0.6" diameter, various color LED rings clearly indicate status of power
- Mechanical life: 1,000,000 cycles
- Operation travel: about 3.1mm
- Operation pressure: 3-5N
- LED Life: 40,000 hours
- Operating temperature: -20° - +55°C
- Outer diameter: 19mm
- Panel thickness: 1-10mm
- Available in on/off & momentary
- Contact resistance: 50mΩ
- Insulation resistance: 1000MΩ
- Electrical life: 50,000 cycles



Harness BTSSS-HRN/TIN

4ft pigtail attached (not shown)

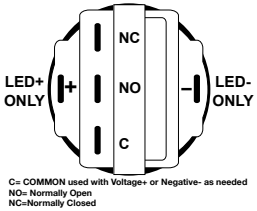
Adaptor Kit Optional



Mini LED Push Button Switch
5ADC



BTSSS



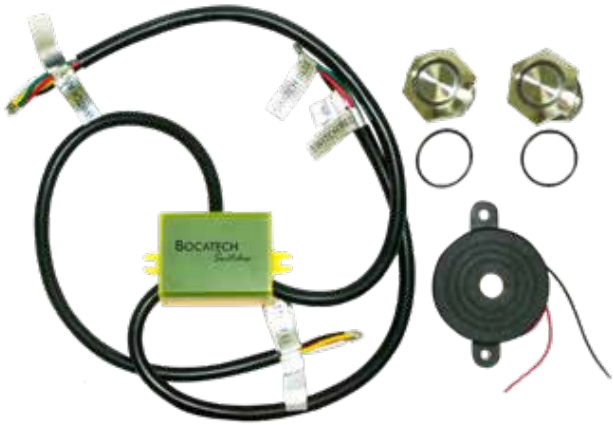
Connection Posts

CONFIGURATIONS

MODEL	AMPS	ACTION	COLOR
BTSSS-24BL	5ADC	On/Off	Blue
BTSSS-24MBL	5ADC	Momentary	Blue
BTSSS-24RD	5ADC	On/Off	Red
BTSSS-24MRD	5ADC	Momentary	Red
BTSSS-12BL	5ADC	On/Off	Blue
BTSSS-12MBL	5ADC	Momentary	Blue
BTSSS-12RD	5ADC	On/Off	Red
BTSSS-12MRD	5ADC	Momentary	Red
BTSSS-12MBL/R	5ADC	Momentary	Blue/Red
BTSSS-5MBL/R	5ADC	Momentary	Blue/Red
BTSSS-3.3MBL	5ADC	Momentary	Blue
BTSSS-3.3MRD	5ADC	Momentary	Red

LiveWell Kit BTLWPDVR-KIT

SPECIFICATIONS
Input voltage range: 12VDC
Maximum load current: 5 A/ch
Dimensions - Inches/mm L x W x H: 1.83 / 0.95 / 1.36 46.48 / 24.13 / 34.54



FEATURES

- **Two pump system (up to 5ADC each)**
- **Three Timer Modes:**
  1 min On - 6 min Off=blue, 3 min On-4 min Off=blue flashing, On all the time=red
- **Visual alarm (flashing red)**
- **Audio alarm (12 Volts 100mA)**
- **Monitors pumps in real time**
- **12 Volts battery system**
- **Solid state**

Our new **LiveWell Timer Module Kit** is unique in that it can monitor in real time 2 pumps independently.

Capable of controlling 2 pumps simultaneously (aereator & recirculator), it provides 3 timer modes which can be applied individually to either pump, providing optimum control of the LiveWell system.

In conjunction with **Bocatech's** 5 Amp, bi-color switches (included), it is possible to know at a glance the operational status and the Timer Mode setting applied. In other words, if a pump fails, a visual (flashing red) and audible indication activates.

The **LiveWell Timer Module Kit** provides everything you need:
2 **BTSSSS-5MBL/R** mini LED switches & a piezo (12V, 100 milliamps).

Automatic Power Selectors

BTAPS1-2B BTAPS1-3B BTAPS1-4B





Solid stainless steel mounting platforms

SPECIFICATIONS/FEATURES

- **Provides a simple, solid state solution to the requirement for redundant DC power for vital electronic equipment**
- **Rated for systems up to 48VDC**
- **Maintains isolation of the DC power sources**
- **Maximum Load Current: 160ADC**
- **Higher torque-accepting stainless steel fixtures**
- **Rugged anodized aluminum case**
- **Designed with low voltage drop of .3V Schottky diodes**
- **Also available with regular .6V drop diodes: BTAPS-2B• BTAPS-3B •BTAPS-4B**

The **Bocatech Automatic Power Selectors** (APS) provides a simple, solid state solution for redundant DC power for vital electronic equipment while maintaining isolation of the DC power sources.

The independent batteries are wired to higher torque-accepting terminals and internal diodes maintain total isolation between them. They are combined in a single output which is wired to the load. Current is automatically drawn from the battery with the higher voltage. Isolation prevents the higher-charged battery from “dumping” into the lower charged or failed battery.

The unit is ruggedly constructed with heavy-duty wiring studs and epoxy potted components in an anodized aluminum case. Nuts, washers and mounting screws are included.

Battery Isolators

BTBI-1B2 BTBI-1B3 BTBI-2B3



SPECIFICATIONS/FEATURES

- Easy Installation
- Rated for systems up to 48VDC negative ground
- Maximum Load Current: 160ADC
- Higher torque-accepting stainless steel fixtures
- Rugged anodized aluminum case
- Designed with low voltage (.6V) drop

Bocatech's Battery Isolators have the ability to charge multiple batteries from 1 or 2 alternators, eliminating overcharging. They are available in three configurations: 1 alternator and 2 batteries, 1 alternator and 3 batteries; and 2 alternators and 3 batteries.

Solid stainless steel mounting platforms



Custom Switches








Our Team

Morgan Schaetzer
CEO/President
ms@bocatechswitches.com

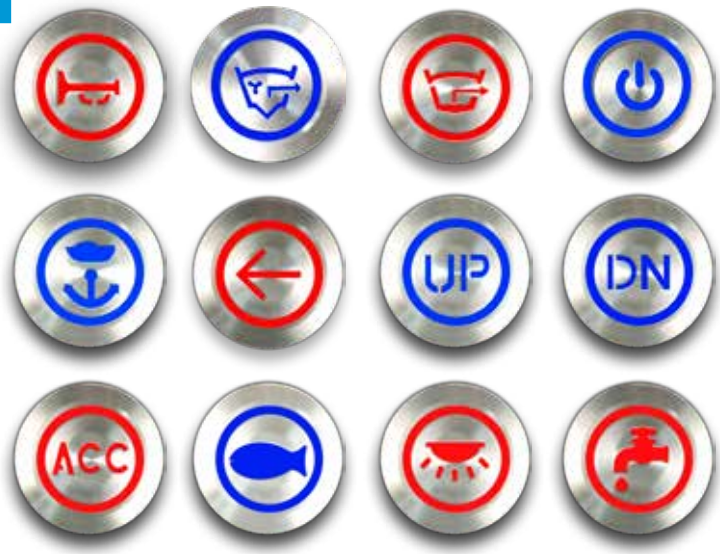
Dylan Rollinson
Jr. Engineer/Tech Support
dr@bocatechswitches.com

Gianna Suriani
Executive Assistant/Purchasing
purchasing@bocatechswitches.com

ICON SWITCHES

Metal Cut Outs

NEW!





DC Panel Adaptor Kit

Available in Black & White



Front Adaptor Plate Rubber Gasket Back Adaptor Plate


CONTENDER
JUPITER
CONTENDER
MARATHON
LIVEWELL PUMP 1
LIVEWELL PUMP 2
Yellowfin
Accessory
SPREADER LTS
T-TOP LTS
HORN



www.bocatechswitches.com

706.303.4818

204 Pitcarin Way, Suite A, Augusta, Georgia 30909