

WeatherDeck® Waterproof Switch Only Panels

PN 4303 / PN 4305 / PN 4307 / PN 4309

For use where circuit protection is located off the panel

- Does not include circuit protection or backlighting
- Integrated switch guards reduce the risk of accidental switching
- Panels can be mounted in four different orientations
- Panel front rated waterproof IP67 when properly mounted with the watertight mounting gasket
- UV stabilized weather-resistant faceplate snaps on and off providing access to components and concealing mounting screws
- Square Format Label Set PN 4215 included

GUARANTEE: Blue Sea Systems stands behind its products for as long as you own them. Find detailed information at www.blueseasystems.com/about. For customer service, call 800-222-7617.

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980800000 Rev.003

Specifications

| | |
|----------------------------|-------------------------------------|
| Maximum Operating Voltage | 24V DC |
| Maximum Operating Amperage | 15A (per circuit) 30A (PN 4303) |
| Panel Cumulative Rating | 45A (PN 4305, PN 4307, PN 4309) |
| Switch Rating | 15A maximum |
| Material: Cover | UV Resistant Thermoplastic |
| Panel | UL-V0 Flame Resistant Thermoplastic |

Regulatory

Waterproof IP67—Protected against immersion up to 1 meter for 30 minutes

| PN | Positions | Voltage | Width in (mm) | Height in (mm) | Depth in (mm) | Width Mounting Centers in (mm) | Height Mounting Centers in (mm) |
|------|-----------|--------------|---------------|----------------|---------------|--------------------------------|---------------------------------|
| 4303 | 2 | 12V / 24V DC | 3.88 (98.55) | 2.60 (66.04) | 2.50 (63.50) | 3.31 (84.07) | 2.04 (51.82) |
| 4305 | 4 | 12V / 24V DC | 3.88 (98.55) | 4.30 (109.22) | 2.50 (63.50) | 3.31 (84.07) | 3.74 (95.00) |
| 4307 | 6 | 12V / 24V DC | 3.88 (98.55) | 6.00 (152.40) | 2.50 (63.50) | 3.31 (84.07) | 5.44 (138.18) |
| 4309 | 8 | 12V / 24V DC | 3.88 (98.55) | 7.70 (195.58) | 2.50 (63.50) | 3.31 (84.07) | 7.14 (181.36) |

Specifications subject to change. See blueseasystems.com for additional information and specifications

Installation

⚠ CAUTION ⚠

CAUTION symbol refers to a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

⚠ WARNING ⚠

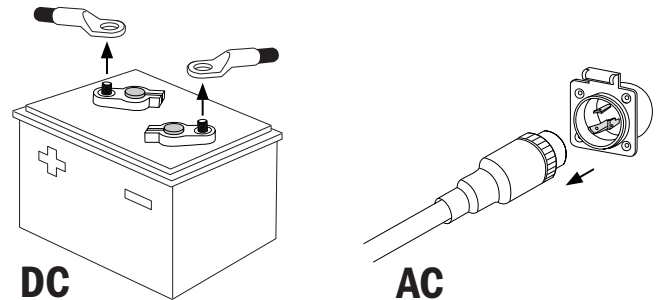
WARNING symbol refers to a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION ⚠

- ✓ If you are not knowledgeable about electrical systems, consult an electrical professional.
- ✓ If the panel front is to be exposed to water, it must be properly sealed to the surface. The included gasket must be in place and the panel screwed down securely.
- ✓ Panel switches are not ignition proof—the panel must NOT be installed in an explosive environment such as a gasoline engine room or battery compartment.

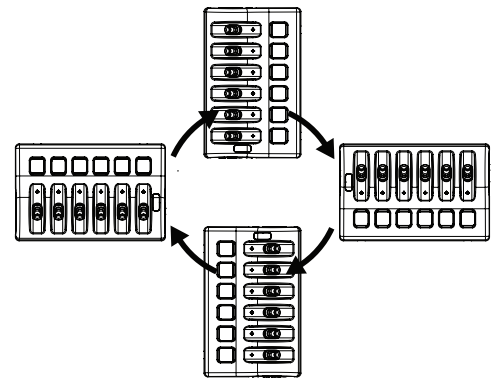
⚠ WARNING ⚠

1. Before beginning electrical installation, disconnect all AC and DC power sources.

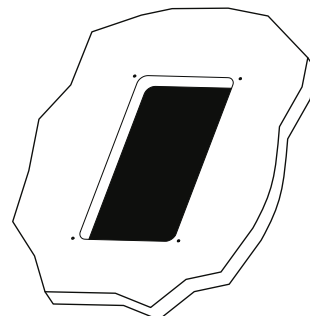


⚠ WARNING ⚠

2. Select mounting location and panel orientation away from flammable areas. Panel can be mounted in any of the four orientations shown below.

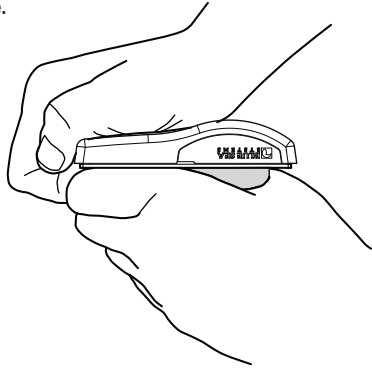


3. Cut opening with template provided.

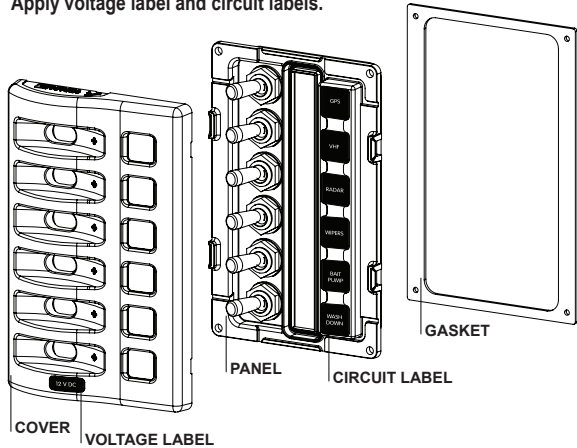


Installation (continued)

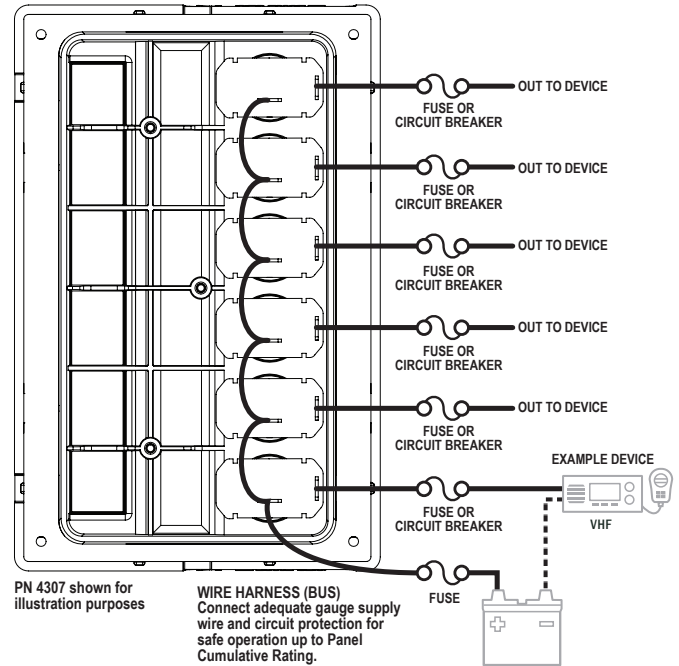
- To remove cover, apply heel of hand to label area and pull back on the cover edge.



- Apply voltage label and circuit labels.



- Make connections as per diagram below.
 - Connect + 12V DC or 24V DC to the 12 AWG wire supply harness (Bus). Use adequate gauge supply wire and circuit protection for safe operation up to Panel Cumulative Rating.
 - Connect positive side of each appliance to a switch output terminal. Connect the negative side to DC negative.



- Check that toggle switch boots are securely tightened.
- Mount panel in cutout with provided gasket and screws.

Application Example

WeatherDeck® Switch Only Panel with ST-Blade Independent Circuit Fuse Block

