Appendix A -

Touchscreen Button Color Coding Guide

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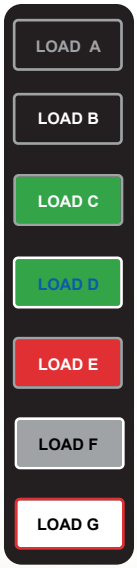


This is a DC Breaker (ECB) which is currently not active. The distribution panel is most likely not receiving any DC power.

This is a DC Breaker (ECB) which is active, but currently in the OFF position. Pressing the button will turn the ECB ON.

This is a DC Breaker (ECB) which is active and currently in the ON position. Pressing the button will turn the ECB OFF.

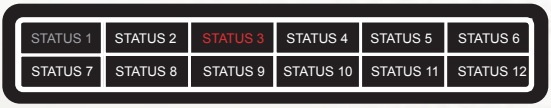
This is a DC Breaker (ECB) which is active and currently in the ON position. The blue text indicates that there is little if any current being used by the load.

This is a DC Breaker (ECB) which is active, but has been tripped by an over-current situation. Pressing the button will reset the breaker, which can then be turned back ON with an additional press.

This is a DC Breaker (ECB) which has been placed in override (local) mode so that the ECB can be controlled directly from the distribution panel using toggle switches.

This is a DC Breaker (ECB) in an Error State. Use the Config function for the button to gain access to the breaker status page which will indicate the actual error reason.

The display to the right is commonly found at the bottom of each page on the Touchscreen. In this situation, STATUS 1 is inactive, STATUS 2 is active but 'off', STATUS 3 is active and 'on'. All others are active and 'off'.



This button is used to lock breakers in either the ON or OFF position. Press once to put the display in "LOCK" mode, then press any breakers to be locked. Press again to place the display back into a normal mode of operation. Locked breakers will have a yellow border.

This button is used to unlock breakers. Press once to put the display in "UNLOCK" mode, then press any breakers to be unlocked. Press again to place the display back into a normal mode of operation. Locked breakers will have a yellow border.

This button is used to dim DC breakers from the Touchscreen (if enabled). Press the DIM button, then press the breaker to be dimmed. A '+' and '-' button will be displayed allowing the breaker to be dimmed up or down.

This button allows a user to view and/or change (if enabled) the settings of an AC or DC breaker. Pressing the button, and then pressing a breaker button will display the breakers settings. A password may be required.

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CLEAN	Pressing this button will cause the Touchscreen to ignore "touches" for approximately 10 sec. to allow the screen to be cleaned without inadvertantly turning breakers OFF or ON.
DIAG	Pressing this button will select a page which provides diagnostic tools for basic troubleshooting of the network.
TOGGLE BACKLIGHT	Pressing this button will turn the backlight OFF in the Touchscreen. Touching any part of the screen will turn the backlight ON.
SCREEN DIM	Pressing this button will decrease the brightness of the screen for night time viewing.
SCREEN BRIGHT	Pressing this button will increase the brightness of the screen for day time viewing.

STATUS A	This is a system status indication that is currently inactive. System status indication signals come from a System Monitor (SIU). The SIU is most likely not receiving power or not connected to the network.
STATUS B	This is a system status indication that is currently active, but is not ON or in an alert type of condition.
STATUS C	This is a system status indication that is currently active, and is ON.
STATUS D	This is a system status indication that is currently active, and is in an alert type of condition.

SYSTEM NORMAL	This message usually found at the top of the display on the main page indicates that there are no alerts or tripped breakers.
BATTERY ALERT	This message usually found at the top of the display on the main page indicates that a battery monitor parameter is out of range as defined by the boat builder. Use the DIAG or Battery Monitor page for details.
BREAKER TRIPPED	This message usually found at the top of the display on the main page indicates that an AC or DC circuit breaker has tripped. Touching the message on the display will take the user directly to the tripped breaker. There should also be a "path of red" leading to the page with the tripped breaker.

LOAD H	This is an AC Breaker which is currently not active. The distribution panel is most likely not receiving any AC power or the distribution panel's main breaker is in the OFF position.
LOAD I	This is an AC Breaker which is active, but currently in the OFF position. Pressing the button will turn the breaker ON.
LOAD J	This is an AC Breaker which is active and currently in the ON position. Pressing the button will turn the ECB OFF.
LOAD K	This is an AC Breaker which is active, but has been tripped by an over-current situation. Pressing the button will reset the breaker, which can then be turned back ON with an additional press.

LOAD L	This is an AC or DC breaker that has been locked in the OFF position. The 'unlock' button can be used to unlock this breaker.
LOAD M	This is an AC or DC breaker that has been locked in the ON position. The 'unlock' button can be used to unlock this breaker.