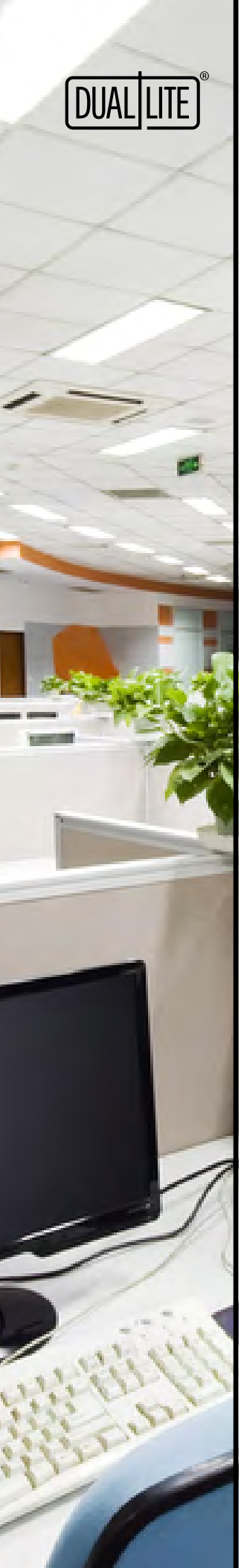

BCCR20

FREQUENTLY ASKED QUESTIONS

What is the functional difference between Dual-Lite's model ATSD20 and model BCCR20?

While both of these emergency bypass controls share several common attributes (see FAQs below), the primary difference is that the ATSD20 is essentially a branch circuit emergency lighting transfer switch (BCELTS) that transfers external power (from normal to emergency) in branch circuits, while the BCCR20 operates as both a load control relay that is used to bypass lighting controls (such as dimmers), as well as a BCELTS to transfer between power sources. As such, the ATSD20 is only listed to UL 1008 (Transfer Switch Equipment) as a BCELTS device, while the BCCR20 is listed to both UL 924 (Emergency Lighting and Power Equipment) as well as to UL1008.

Can the BCCR20 derive its output power from the normal power source?

Yes, since BCCR20 is approved as a BCELTS which is designed to transfer power from a normal source to an emergency source.

Will the BCCR20 allow for switching of normal lighting and emergency lighting from the same switch or dimmer?

Yes. Unlike a UL 924 Listed shunt relay (which requires a dedicated switch on the emergency power circuit), the BCCR20 (as a UL 1008 transfer switch) permits switching of normal and emergency lighting from the same switch/dimmer during normal operation. Not only does this attribute support a wider breadth of applications, but the cost savings of eliminating a dedicated emergency switch typically offsets any price difference between the BCCR20 and a shunt relay.

Are there any physical differences between Dual-Lite's model ATSD20 and model BCCR20?

There is no physical difference. Both are enclosed in a surface-mountable, gray-colored, steel housing that measures 9" tall x 6" wide x 3.5" deep.

Will the BCCR20 offer universal voltage inputs?

Yes, like the ATSD20, the BCCR20 will operate with a universal input voltage of 120 through 277VAC, 50/60Hz.

What is the maximum load of the BCCR20?

Like the ATSD20, the BCCR20 is rated for a maximum of 20A.

What is the approved operating temperature of the BCCR20?

Like the ATSD20, the BCCR20 is approved for damp locations where the ambient temperature is -20°C to 55°C (-4°F to 131°F).

Is there a way to locally test for proper operation of the BCCR20?

Yes, provided emergency power is available to the BCCR20. In addition to the "Normal Power Present" and "Emergency Power Available" LED indicators, there is a "Push to Test" button located on the front panel of the BCCR20. As long as emergency power is available (i.e. the red LED is illuminated), when this "Push to Test" button is depressed, the green "Normal Power Present" LED should extinguish, and the controlled lighting load should illuminate regardless of the local switch/dimmer position. Note that this quick test is not a substitute for a full exercise of the central inverter or generator, and all designated emergency loads.

Does the BCCR20 require any routine maintenance?

No, routine maintenance is not required, however, like other life safety equipment, it should be tested periodically to ensure proper operation.

Will there be any replacement parts available for the BCCR20?

No. The BCCR20 is not field serviceable, therefore replacement parts are not required.

What kind of warranty does the BCCR20 come with?

The BCCR20 carries a 5-year full warranty.

The Dual-Lite team appreciates your support.
Feel free to contact us if you have additional questions.
Good Luck and Good Selling!

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HUBBELL Lighting

DL_BCCR_FAQ 06/20