

TECHNICAL DETAILS:

- B3 Breakers back feed the current without connection to the load center bus bar
- Current passes through an internal bus bar back to the service line
- B3 Breakers are UL classified and are designed and tested to be both mechanically and electrically compatible with load centers from most service panels
- Construction incorporates 2 duplex breakers assembled together to provide various combinations of 2-pole and single-pole devices in a 2-inch package

MECHANICAL SPECIFICATIONS

- Enclosure type: Injection-molded, glass-reinforced polyamide, UL 94-VO flame rating
- Cooling: Natural convection
- Dimensions (H x W x D): 2.9 x 4 x 4.6in (74 x 102 x 117mm)
- Weight: 15 oz. (0.43kg)
- Shipping weight: 17oz. (.48kg)

SAFETY INFORMATION

- B3 Breakers are UL classified circuit breakers
- Applicable safety standards: UL 67 and UL 489
- File Number: E478699

UTILITY INTERACTIVE SOURCE RATINGS

- Maximum voltage: 240 V
- The B3 Breaker may comprise up to two(2) 50 Amp duplex breakers(each capable of continuously back feeding 40 Amps-maximum continuous PV backfed current of 80 Amp per B3 Breaker
- Inverter wiring termination: Box lugs, maximum wire size 4AWG
- Grid connection type: 1Ø/3W

OVERCURRENT PROTECTION

- Type: B3220220-B3250250 Type B3, 120/240V, externally resettable
- Overcurrent ratings available: 20-50A in 5A increments; per duplex breaker
- Current interrupting rating: 10k AIC

ENVIRONMENTAL

- Ambient air operating temperature range: 40°C
- For other operating temperature, contact the manufacturer

WARRANTY

- Standard warranty: 10 years
- Under the Magnusson-Moss Warranty Act manufacturers are prevented from making warranties contingent upon the use of their replacement parts as long as the third party part is deemed safe under UL 67

PERMITTING

- No additional permit required for install

