Quicklag® Residential Circuit Breakers

Type BR Plug-in Molded Case Circuit Breakers
10-100 Amperes, 240/415 Volts, 40°C
(50°C Rating Available)
Built to BS3671, Part 1

Interrupting Ratings

Stand-alone Interrupting Ratings:
M3 (3,000 AIC)

Series Interrupting Ratings:
Available in combination with larger Westinghouse molded case circuit breakers.

10 KAIC

Specifications
• Modular Circuit Breakers: 25 mm (1 inch) module.
• Current Ratings: 10 to 100 Amps; 1, 2, and 3 poles.
• Thermal-Magnetic design.
• Maximum operating voltages: 240/415 VAC.
• Toggle Handle indicates 'ON', 'OFF' and 'TRIPPED' positions.
• Trip free mechanism in every pole.
• All multi-pole breakers incorporate internal common trip mechanism.
• Ampere ratings clearly visible on handles.
• All ferrous metal parts plated to resist corrosion.
• No internal aluminum parts.
• AB DE-ION Arcs36Extinguishers in every pole.
• Steel frame construction used in every pole.

Selection Data and Catalog Numbers

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<th>Amp Rating</th>
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<td>240/415 VAC</td>
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<tr>
<td>1 Pole</td>
<td>M3</td>
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<tr>
<td>2 Poles</td>
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<td>3 Poles</td>
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Type BR Plug-in Thermal-Magnetic Circuit Breakers

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Quicklag® Residential Circuit Breakers

Typical Exploded View (Type P Plug-in Breaker Shown)

1 Pole

- Cover
- Operating Handle
- Moving Contact
- Bi-Metal
- Base
- Armature
- Gas Vent
- Arc Extinguisher
- Magnet
- Cover Rivets

Circuit Breaker Mounting

**Type BR (Plug-in):**
The load end of the breaker is inserted under the mounting clamp of a panelboard and the line end is merely snapped into position over the bus stab.

**Circuit Breaker Removal**
Before inspecting, installing or removing from a circuit, the circuit breaker should be in the “OFF” position, and if practical, the circuit should be de-energized.

**Inspection and Maintenance**
Good maintenance procedure calls for periodic inspection of all electrical apparatus including molded case circuit breakers. Terminal lugs must be tight to prevent overheating. Due to the inherent wiping action built into the moving contacts of all Westinghouse circuit breakers, operating the breaker several times under load will remove any high resistance film that may have formed.

**Accessories and Modifications**
Accessories and modifications available include: lockdog, handle locks for use with a padlock, moisture and fungus treatment, shunt trip breakers, and earth leakage breakers for special applications.

**Dimensions, Millimeters**
*Not to be used for construction purposes.*

- Width: 73.81 mm
- Depth: 60.32 mm
- Height: 65.09 mm
- Overall: 73.94 mm

**Type BR**
- 2-pole breaker is 50.8 mm wide, 3-pole is 75.9 mm wide.

**Series Rating Combination**

- 10 KAIC
- 220/380 VAC

**Panel**

- 100 AMP QL MAIN
- NON-AUTO/BREAKER
- BR BRANCH