**GLOBAL-TWIN**

Conforming to IEC & local Standards

The G-TWIN series is a global breaker series that satisfies all major standards.

- **IEC standards**
  - EN 60947-2
  - UL 489 model
  - CE marking
  - UL mark (cUL)
  - JIS C 8201-2-2
  - IEC 60947-4-1

- **CCC model**
  - UL 489

**Conforming to certifications and standards in major world markets**

- **Europe**: Conforming to EN 60947-2 (IEC marking, TÜV) + CCC approved + JIS C 8201-2-2
- **North America** (UL489 model)
  - UL 489
  - UL mark (cUL)
  - JIS C 8201-2-1
  - CE marking (TÜV) + CCC approved + JIS C 8201-2-1

**Standards of MCCB and ELCB**

- **MCCB**
  - UL 489
  - CE marking
  - UL mark (cUL)
  - JIS C 8201-2-2
  - IEC 60947-2
  - CAN/CSA C22.2 NO.5

- **ELCB**
  - UL 489
  - CE marking
  - UL mark (cUL)
  - JIS C 8201-2-2
  - IEC 60947-2
  - CAN/CSA C22.2 NO.5

**Usefulness**

**Leading the way in user-friendliness**

- **Compact & High performance**
  - Compact size meeting UL489 480V requirements
  - Same dimensions as ELCB

- **Ecology**
  - Advanced environmental technology
  - Arc and gas flow control technology
  - Effect of "salvation breaking technology"

- **Usefulness**
  - Linearizing and reducing the type of dimensional accessories
  - Sharing integral accessories

**The Twin Breakers have advanced to an entirely new stage.**

- **Global series**
  - Conforming to certifications and standards in major world markets
  - EXPANDED frame sizes in world markets
  - Conforming to IEC & local Standards
  - Conforming to the RoHS Directive

**FUJI Molded Case Circuit Breakers**

- **FUJI MCCC and ELCB**
  - Compact models with unified dimensions meeting UL489 480V and IEC 440V requirements

**GLOBAL TWIN History**

- 1990 TWIN
- 1992 Super TWIN
- 1995 Super 80
- 2001 J-TWIN
- 2006 G-TWIN

**FUJI Electric FA Components & Systems Co., Ltd.**

- 5-7, Nihonbashi Odemma-cho, Chuo-ku, Tokyo 103-0011, Japan
- URL: http://www.fujielectric.co.jp/globalg/
**G-TWIN series**

<table>
<thead>
<tr>
<th>Type</th>
<th>250AF</th>
<th>300AF</th>
<th>400AF</th>
<th>500AF</th>
<th>600AF</th>
<th>750AF</th>
<th>800AF</th>
<th>900AF</th>
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</thead>
<tbody>
<tr>
<td>Rated current</td>
<td>25/7</td>
<td>30/15</td>
<td>40/20</td>
<td>50/25</td>
<td>50/30</td>
<td>60/40</td>
<td>75/30</td>
<td>100/50</td>
<td>100/60</td>
</tr>
<tr>
<td>Rated impulse withstand voltage</td>
<td>U(V)</td>
<td>DC</td>
<td>225</td>
<td>250</td>
<td>300</td>
<td>350</td>
<td>400</td>
<td>450</td>
<td>500</td>
</tr>
<tr>
<td>Rated frequency</td>
<td>50/60</td>
<td>AC</td>
<td>10/5</td>
<td>15/8</td>
<td>20/10</td>
<td>25/13</td>
<td>30/15</td>
<td>40/20</td>
<td>50/25</td>
</tr>
<tr>
<td>Rated current capacity</td>
<td>Icu/Ics</td>
<td>DC</td>
<td>250</td>
<td>300</td>
<td>350</td>
<td>400</td>
<td>450</td>
<td>500</td>
<td>600</td>
</tr>
<tr>
<td>Rated insulation voltage</td>
<td>Uimp</td>
<td>DC</td>
<td>250</td>
<td>300</td>
<td>350</td>
<td>400</td>
<td>450</td>
<td>500</td>
<td>600</td>
</tr>
<tr>
<td>Dimensions</td>
<td>(mm)</td>
<td>L</td>
<td>180</td>
<td>200</td>
<td>220</td>
<td>250</td>
<td>300</td>
<td>350</td>
<td>400</td>
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Notes:
- Mass: kg
- Ratings capacity: AC or DC
- Topping device: Thermal-magnetic

**H series, S series**

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Notes:
- Mass: kg
- Ratings capacity: AC or DC
- Topping device: Thermal-magnetic
- *1 Specify DC only when ordering circuit breakers for DC circuit.
- *2 The rating "NEMA AB-1*" does not appear on the nameplates of the BW32 to BW100, BW125-4P to BW250-4P, and BW400-4P to BW800-4P.
- *3 Contact FUJI.