The SW600 is designed for use in telecommunication and power distribution applications where an uninterrupted load is switched. These contactors are primarily for use with Direct Current loads but can also be used with Alternating Currents.

- **Uninterrupted current** - no or infrequent load switching requirements (maintains lower contact resistance).

### SW600 Contact Performance

![SW600 Contact Performance Diagram](image)

**Connection Diagram**

- **Uninterrupted Current**

### SW600 Available Options

<table>
<thead>
<tr>
<th>General</th>
<th>Suffix</th>
<th>Suffix</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auxiliary Contacts</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>Auxiliary Contacts - V3</td>
<td>C</td>
<td>C</td>
</tr>
<tr>
<td>Magnetic Blowouts</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Magnetic Blowouts - High Powered</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Amature Cap</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Mounting Brackets</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>(see Busbar Series Catalogue)</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>Magnetic Latching</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td>(Not fail safe)</td>
<td>M</td>
<td>M</td>
</tr>
<tr>
<td>Closed Contact Housing</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Environmentally Protected IP66</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>EE Type (Steel Stroud)</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

### SW600 Specifications

- **Thermal Current Rating (100%)**: 250A, 350A
- **Intermittent Current Rating**:
  - Highly Intermittent Rated Types (Max 25% Duty Cycle): 80% Ua
  - Intermittently Rated types (Max 70% Duty Cycle): 60% Ua
  - Prolonged Operation (Max 80% Duty Cycle): 60% Ua
  - Continuously Rated Types (100% Duty Cycle) 66% Ua
- **Drop-Out Voltage Range**: 10 - 30% Ua
- **Typical Pull-In Time**: 40ms
- **Typical Bounce Period**: 10ms
- **Without Suppression**: 10ms
- **Auxiliary Contact Switching Capabilities (Resistive Load)**:
  - **SW600A**
    - 5A at 24V D.C.
    - 2A at 48V D.C.
    - 0.5A at 240V D.C.
  - **SW600C**
    - 5A at 24V D.C.

### SW600 Features

- **Auxiliary Details**
  - **Auxiliary Thermal Current Rating**: 5A
  - **Auxiliary Contact Switching Capabilities (Resistive Load)**:
    - **SW600A**
      - Rated for continuous use up to 5A at 24V D.C.
    - **SW600C**
      - Rated for continuous use up to 5A at 24V D.C.

### Performance Data

- **Performance data provided should be used as a guide only. Some de-rating or variation from figures may be necessary according to application.**
- **Thermal current ratings stated are dependent upon the size of conductor being used.**
- **For further technical advice email: technical@albrightinternational.com**
- **Albright reserve the right to change data without prior notice.**

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*Note: Where applicable values shown are at 20˚C*

*Please check our web site for product UL status*