The SW60 is a miniature series single pole contactor - free standing and compact it is designed to fill the gap between 30 ampere relays and 100 ampere contactors. Devised for both interrupted and uninterrupted loads, the SW60 is suitable for switching Resistive, Capacitive and Inductive loads. Typical applications include switching small traction motors, hydraulic power packs and small electric winch motors.

- **Interrupted current** - opening and closing on load with frequent switching (results in increased contact resistance).
- **Uninterrupted current** - no or infrequent load switching requirements (maintains a lower contact resistance).

The SW60 features single pole double breaking main contacts with silver alloy tips, which are weld resistant, hard wearing and have excellent conductivity. The SW60 has M6 stud main terminals and 6.3mm spade coil connections. It can be mounted via M4 tapped holes or mounting brackets – either supplied fitted, or as separate items. Mounting can be on the side or base of the contactor.

### SW60 Contactor Performance

<table>
<thead>
<tr>
<th>Current (Amperes)</th>
<th>0</th>
<th>100</th>
<th>200</th>
<th>300</th>
<th>400</th>
<th>500</th>
<th>600</th>
<th>700</th>
<th>800</th>
<th>900</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time (msec)</td>
<td>0</td>
<td>100</td>
<td>200</td>
<td>300</td>
<td>400</td>
<td>500</td>
<td>600</td>
<td>700</td>
<td>800</td>
<td>900</td>
</tr>
</tbody>
</table>

**Figures are for guideline purposes only**

### Connection Diagram

- **SW60C**
- **SW60A**

### AUXILIARY CONTACT

- **SW60C**
- **SW60A**

### SW60 Available Options

<table>
<thead>
<tr>
<th>General</th>
<th>Suffix</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auxiliary Contacts</td>
<td>A</td>
</tr>
<tr>
<td>Auxiliary Contacts - V4</td>
<td>C</td>
</tr>
<tr>
<td>Magnetic Blowouts</td>
<td>B</td>
</tr>
<tr>
<td>Magnetic Blowouts - High Powered</td>
<td>X</td>
</tr>
<tr>
<td>Armature Cap</td>
<td>X</td>
</tr>
<tr>
<td>Mounting Brackets (See Stud Contactor Series Catalogue)</td>
<td></td>
</tr>
<tr>
<td>Magnetic Latching (Not fail safe)</td>
<td>M</td>
</tr>
<tr>
<td>Closed Contact Housing</td>
<td>O</td>
</tr>
<tr>
<td>Environmentally Protected IP66 (see SW60P Catalogue sheet)</td>
<td>P</td>
</tr>
<tr>
<td>EE Type (Steel Shroud)</td>
<td>X</td>
</tr>
</tbody>
</table>

### Key:
- **X**: Not Available
- **A**: Optional
- **C**: Standard
- **B**: Not Available X
- **O**: Connections become polarity sensitive
- **P**: Open Housing Available

### Auxiliary Details

- **Auxiliary Thermal Current Rating**: 5A
- **Auxiliary Contact Switching Capabilities (Resistive Load):**
  - **SW60C:**
    - 5A at 24V D.C.
    - 1A at 60V D.C.
    - 0.5A at 120V D.C.
    - 0.25A at 240V D.C.
  - **SW60A**

### Advised Connection Sizes for Maximum Continuous Current

- **Copper busbar**: 52mm² (0.08inch²)
- **Cable**: Rated suitable for Application

### Contact Performance Key:

- **Interrupted & Uninterrupted Current**

### Connection Performance

- **SW60C**
- **SW60A**

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*Albright reserve the right to change data without prior notice.*