The SW82P is sealed to IP66 and has been designed for direct current loads, particularly motors as used on electric vehicles such as industrial trucks. Developed for both interrupted and uninterrupted loads, the SW82P is suitable for switching Resistive, Capacitive and Inductive loads.

- **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 SW82P features double pole double breaking main contacts with silver alloy tips, which are weld resistant, hard wearing and have excellent conductivity. The SW82P is compact in size and features an encolosed top cover and offers environmental protection to IP66. The SW82P has M8 stud main terminals and 6.3mm spade coil connections. Mounted using supplied brackets, mounting can be horizontal or vertical, when vertical the M8 contact studs should point upwards. If the requirement is for downwards orientation we can adjust the contactor to compensate for this.

### SW82P Contact Performance

**Contact Performance Key:**

- Interrupted and Uninterrupted Current

---

**Dimensions in mm [Inches]**

---

**Connection Diagram**

---

**SW82P Available Options**

<table>
<thead>
<tr>
<th>General</th>
<th>Suffix</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auxiliary Contacts</td>
<td>X</td>
</tr>
<tr>
<td>Auxiliary Contacts - V3</td>
<td>X</td>
</tr>
<tr>
<td>Magnetic Blowouts</td>
<td>X</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</td>
<td>•</td>
</tr>
<tr>
<td>(See Stud Range Catalogue)</td>
<td>○</td>
</tr>
<tr>
<td>Magnetic Latching² (Not fail safe)</td>
<td>○</td>
</tr>
<tr>
<td>Closed Contact Housing</td>
<td>•</td>
</tr>
<tr>
<td>Environmentally Protected IP66</td>
<td>•</td>
</tr>
<tr>
<td>EE Type (Steel Shroud)</td>
<td>X</td>
</tr>
</tbody>
</table>

---

**Contacts**

- L Large Tips
- T Textured Tips
- X Silver Plating

---

**Coil**

- AC Rectifier Board (Fitted)
- Coil Suppression³
- Flying Leads
- Manual Override Operation
- M4 Stud Terminals
- M5 Terminal Board
- Vacuum Impregnation

---

**Key:**

- Optional
- Standard
- Not Available
- X Connections become polarity sensitive

---

Copyright © 2019 Albright International LTD

Albright International Ltd, Evingar Trading Estate, Ardgreen Road, Whitchurch, Hampshire, RG28 7BB, UK
Tel: +44 (0)1256 890030, Fax: +44 (0)1256 890043, Dedicated Sales Tel: +44 (0)1256 890030, Fax: +44 (0)1256 890043
E-mail: sales@albrightinternational.com or technical@albrightinternational.com Web Site: www.albrightinternational.com  

© 2019 Albright International LTD

v3-02-19