Reed Switch Technology

Standex-Meder offers the most comprehensive listing of reed switches that cover the majority of low power switching requirements. Reed relays and reed sensors both use the reed switch as the heart of their switching mechanism. New applications continue to arise at a significant pace for both products because of the reed switch’s unique switching capability. What is driving these new applications is the ever broadening of new reed relay, reed sensor and fluid level designs by Standex-Meder.

For example, Standex-Meder offers a reed switch where the overall glass length is only 3.95 mm long (KSK-1A04) - the smallest in the industry. These small sizes pave the way for unique new applications in RF switching, medical applications and many more applications.

Because reed switches are hermetically sealed (glass to metal seal) they are impervious to almost all environments. This opens up a vast number of applications where they are the only technology capable of meeting specific requirements where certain mechanical switches and semiconductor switches are environmentally limited. Many thousands of reed switch applications currently exist with many more added on a regular basis. These applications span across all the major market segments.

Our engineers are always available to discuss your design requirements where specialized packaging is available in a very economical manner.

With the recent acquisition of the KOFU (formerly OKI) reed switch manufacturing our portfolio includes the ORD228VL, ORD324, ORD219, ORD211, ORD213, ORD2210V, ORD229, ORD872, ORT551, among others.

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### Form A (KSK-1A Series)

<table>
<thead>
<tr>
<th>Dimensions in mm (inches)</th>
<th>Specifications</th>
<th>KSK-1A04</th>
<th>KSK-1A10</th>
<th>KSK-1A10 *</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Length:</td>
<td>GP400 *</td>
<td>A - 54 (2.125)</td>
<td>B - 10 (0.394)</td>
<td>C - 1.9 (0.075)</td>
</tr>
<tr>
<td>Glass Length Max.:</td>
<td></td>
<td>D - 0.43 (0.017)</td>
<td>E - 1.2 (0.047) x 0.2 (0.008)</td>
<td></td>
</tr>
<tr>
<td>Glass Dia Max.:</td>
<td></td>
<td>F - 0.5 (0.019)</td>
<td>G - 10 (0.394)</td>
<td></td>
</tr>
<tr>
<td>Lead Dia.:</td>
<td></td>
<td>H - 0.047 (0.008)</td>
<td>I - 0.5 (0.019)</td>
<td></td>
</tr>
<tr>
<td>Contact Form:</td>
<td></td>
<td>J - 0.5 (0.019)</td>
<td>K - 0.5 (0.019)</td>
<td></td>
</tr>
<tr>
<td>Pull-In Range:</td>
<td></td>
<td>L - 10 (0.394)</td>
<td>M - 10 (0.394)</td>
<td></td>
</tr>
<tr>
<td>Rated Power Max.:</td>
<td></td>
<td>N - 0.5 (0.019)</td>
<td>O - 0.5 (0.019)</td>
<td></td>
</tr>
</tbody>
</table>

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### Form C (KSK-1C Series)

<table>
<thead>
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<th>Specifications</th>
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<th>KSK-1A80 *</th>
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<td>B - 10 (0.394)</td>
</tr>
<tr>
<td>Glass Length Max.:</td>
<td></td>
<td>C - 1.9 (0.075)</td>
<td>D - 0.43 (0.017)</td>
</tr>
<tr>
<td>Glass Dia Max.:</td>
<td></td>
<td>E - 1.2 (0.047) x 0.2 (0.008)</td>
<td>F - 0.5 (0.019)</td>
</tr>
<tr>
<td>Lead Dia.:</td>
<td></td>
<td>G - 10 (0.394)</td>
<td>H - 0.047 (0.008)</td>
</tr>
<tr>
<td>Contact Form:</td>
<td></td>
<td>I - 0.5 (0.019)</td>
<td>J - 0.5 (0.019)</td>
</tr>
<tr>
<td>Pull-In Range:</td>
<td></td>
<td>K - 0.5 (0.019)</td>
<td>L - 0.5 (0.019)</td>
</tr>
<tr>
<td>Rated Power Max.:</td>
<td></td>
<td>M - 0.5 (0.019)</td>
<td>N - 0.5 (0.019)</td>
</tr>
</tbody>
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### Form A (GR/GP, NL, PR Series)

<table>
<thead>
<tr>
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<th>Specifications</th>
<th>KSK-1A87</th>
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</thead>
<tbody>
<tr>
<td>Overall Length:</td>
<td>GP400 *</td>
<td>A - 54 (2.125)</td>
</tr>
<tr>
<td>Glass Length Max.:</td>
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<td>B - 10 (0.394)</td>
</tr>
<tr>
<td>Glass Dia Max.:</td>
<td></td>
<td>C - 1.9 (0.075)</td>
</tr>
<tr>
<td>Lead Dia.:</td>
<td></td>
<td>D - 0.43 (0.017)</td>
</tr>
<tr>
<td>Contact Form:</td>
<td></td>
<td>E - 1.2 (0.047) x 0.2 (0.008)</td>
</tr>
<tr>
<td>Pull-In Range:</td>
<td></td>
<td>F - 0.5 (0.019)</td>
</tr>
<tr>
<td>Rated Power Max.:</td>
<td></td>
<td>G - 10 (0.394)</td>
</tr>
</tbody>
</table>

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We reserve the right to make any changes according to technological progress or further developments.

* Most Used
## Form A

### Dimensions in mm (inches)
- **Overall Length:**
- **Glass Length Max.:**
- **Glass Dia Max.:**
- **Lead Dia.:**

### Specifications
- **Contact Form:**
- **Pull-In Range:**
- **Rated Power Max.:**

### GR100
- **Contact Form:**
- **Pull-In Range:**
- **Rated Power Max.:**

### NL126
- **Contact Form:**
- **Pull-In Range:**
- **Rated Power Max.:**

### PR126
- **Contact Form:**
- **Pull-In Range:**
- **Rated Power Max.:**

### KSK-1A85
- **Contact Form:**
- **Pull-In Range:**
- **Rated Power Max.:**

### KSK-1A69
- **Contact Form:**
- **Pull-In Range:**
- **Rated Power Max.:**

### KSK-1A83
- **Contact Form:**
- **Pull-In Range:**
- **Rated Power Max.:**

### KSK-1A55
- **Contact Form:**
- **Pull-In Range:**
- **Rated Power Max.:**

### KSK-1A52
- **Contact Form:**
- **Pull-In Range:**
- **Rated Power Max.:**

### KSK-1A53
- **Contact Form:**
- **Pull-In Range:**
- **Rated Power Max.:**

### KSK-1A54
- **Contact Form:**
- **Pull-In Range:**
- **Rated Power Max.:**

### KSK-1B85
- **Contact Form:**
- **Pull-In Range:**
- **Rated Power Max.:**

### KSK-1C90U
- **Contact Form:**
- **Pull-In Range:**
- **Rated Power Max.:**

### KSK-1C90F
- **Contact Form:**
- **Pull-In Range:**
- **Rated Power Max.:**

### KSK-1C10
- **Contact Form:**
- **Pull-In Range:**
- **Rated Power Max.:**

### KSK-1E85
- **Contact Form:**
- **Pull-In Range:**
- **Rated Power Max.:**

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