**RANGE**
Underground hydraulic operator for swing gates

**SUB UL/CSA**
P930012 00007 - SUB R UL/CSA DX
P930012 00008 - SUB R UL/CSA SX
P930010 00007 - SUB G UL/CSA DX
P930010 00008 - SUB G UL/CSA SX

DX = Motor on right hand side of driveway from inside the property.
SX = Motor on left hand side of driveway from inside the property.

**A MODEL FOR EVERY NEED**
- Two versions available, for 125° and 180° opening angles.

**SAFE USE**
- Anti-crushing protection guaranteed by two adjustable bypass valves.

**SIMPLER INSTALLATION**
- Maintenance is carried out without any need to raise or disassemble the gate.
- The special foundation case makes it possible to remove the operator without taking off the gate leaf.

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**TECHNICAL FEATURES**

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<th>SUB R UL/CSA</th>
<th>SUB G UL/CSA</th>
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<tr>
<td>Control panels</td>
<td>RIGEL 4 UL/CSA (suggested)</td>
<td>RIGEL 4 UL/CSA (suggested)</td>
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<td>Reversible/irreversible operator</td>
<td>irreversible</td>
<td>irreversible</td>
</tr>
<tr>
<td>Power supply</td>
<td>120 V 60 Hz single-phase</td>
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<tr>
<td>Absorbed power</td>
<td>0.33 hp (250W)</td>
<td>0.33 hp (250W)</td>
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<tr>
<td>Opening or closing time</td>
<td>14 s</td>
<td>33 s</td>
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<tr>
<td>Impact reaction</td>
<td>hydraulic clutch</td>
<td>hydraulic clutch</td>
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<tr>
<td>Lock</td>
<td>hydraulic opening/closing</td>
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<td>fast key release</td>
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<td>intensive use</td>
<td>intensive use</td>
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<tr>
<td>Environmental conditions</td>
<td>from 14°F to +140°F</td>
<td>from 14°F to +140°F</td>
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<tr>
<td>Degree of protection</td>
<td>IP67</td>
<td>IP67</td>
</tr>
<tr>
<td>Operator weight</td>
<td>48lb</td>
<td>53lb</td>
</tr>
<tr>
<td>Degree of opening</td>
<td>125°</td>
<td>180°</td>
</tr>
</tbody>
</table>
**SUB UL/CSA**

**DIMENSIONS**

**ACCESSORIES**

- **N733066 00001 - CPS DX**
  Bearing foundation case for SUB operator (right hand). Maintenance can be carried out without disassembling the gate.

- **N733066 00002 - CPS SX**
  Bearing foundation case for SUB operator (left hand). Maintenance can be carried out without disassembling the gate.

- **N733092 - CPS G**
  Bearing foundation case for either left hand or right hand SUB G operator. Maintenance can be carried out without disassembling the gate.

- **D111704 - SSR5**
  Traffic light and preheating board for RIGEL 5 control panel.

- **D113050/110 - SPL 120 V**
  Pre-heating board for 1 or 2 LUX, SUB, P4,5-P7 and E5 operators. Can be fitted inside control panels RIGEL 4 UL/CSA, ALCOR UL/CSA.

- **D610256 - CLS/82**
  Release key for Sub.

- **KD113693 00001 - RIGEL 5 WITH CAPACITORS**
  Fuse value: transformer 2A T, logic 1A T.

- **D113236 00003**
  RIGEL 4 UL/CSA Small enclosure

- **N733392**
  SCC Release for SUB for use with FCS Box only

- **N728002 - BSC**
  SUB sliding arm.

- **BFT-1200MLKIT**
  Magnetic lock Kit including bracket, relay and power supply.

- **N73348000001**
  FCS BOX For use with SCC above ground release key

- **D730177 - PFS**
  Foundation plate for SUB and SUB G.

- **KERIG4C010U**
  RIGEL 4 LE 12" x 14" large fiberglass enclosure. Pre-wired with Rigel4

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