Rope Pull Safety Limit Switches

Features:
- Available in 4 body sizes in metal and in 2 body sizes in plastic
- Contacts available in 5 different configurations for SM, SP, SDM and SDP models, and in 8 different configurations for SBM and SCM models
- NC contacts with positive opening operation
- All contacts are electrically separated (Zb shape)
- Bodies available with PG 11, PG 13.5, ½” NPT, M16 or M20 threaded entry

Specifications:
- Metal:
  - Materials: Bodies made of heavy duty aluminum alloy
  - Class I protection against electrical shocks (acc. To IEC 536)
  - Degree of protection: IP 66
- Plastic:
  - Materials: UL-VO thermoplastic fiberglass, with double insulation
  - Class II protection against electrical shocks (acc. To IEC 536)
  - Degree of protection: IP 65
- Switch Current up to 10A
- CSA, cULus and CE approvals

Other Series of Limit Switches Available:
- 30mm Series Plastic or Metal
- 50mm Series Plastic or Metal
- 40mm Series Plastic or Metal
- 60mm Series Metal
- Safety Lever or Safety Shaft
- Key Interlock Safety Series
Available Models/Heads for Rope Pull Safety Limit Switches

<table>
<thead>
<tr>
<th>30mm Series</th>
<th>50mm Series</th>
<th>40mm Series</th>
<th>60mm Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal Body:</td>
<td>Metal Body:</td>
<td>Metal Body:</td>
<td>Metal Body:</td>
</tr>
<tr>
<td>SM•K98-</td>
<td>SDM•K98-</td>
<td>SM•K96-</td>
<td>SDM•K96-</td>
</tr>
<tr>
<td>With reset button</td>
<td>Plastic Body:</td>
<td>Plastic Body:</td>
<td>Plastic Body:</td>
</tr>
<tr>
<td>SP•K98-</td>
<td>SBM•K99-</td>
<td>SP•K96-</td>
<td>SBM•K97-</td>
</tr>
<tr>
<td>Without reset button</td>
<td>Metal Body:</td>
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</tr>
<tr>
<td>Y11 = 1NO &amp; 1NC, Slow action make before break</td>
<td>Z11 = 1NO &amp; 1NC, Snap action</td>
<td>W03 = 3NC, Slow action simultaneous†</td>
<td>Z02 = 2NC, Snap action</td>
</tr>
</tbody>
</table>

How to order Rope Pull Safety Limit Switches:

Complete PREFIX to indicate desired entry threads: Complete SUFFIX to indicate desired contact configuration:

1 = PG 13.5  Z11 = 1NO & 1NC, Snap action  Z02 = 2NC, Snap action
2 = 1/2” NPT  X11 = 1NO & 1NC, Slow action break before make  W02 = 2NC, Slow action simultaneous
3 = PG 11*  X12 = 1NO & 2NC, Slow action break before make†  W03 = 3NC, Slow action simultaneous†
4 = M16*  X21 = 2NO & 1NC, Slow action break before make†  † only available for SBP, SBM or SCM
5 = M20  Y11 = 1NO & 1NC, Slow action make before break

* only available for SP, SM, SDP or SDM

e.g. SP1K98-Z11 = 30mm Rope Pull Switch, plastic body, w/ reset, PG13.5 entry, 1NO & 1NC contacts

Available accessories:

- Stay Bolt: SP-0CC08
- Rope Thimble: SP-RED05
- Rope Clamp: SP-MOR05
- Rope 5mmø, 100m Roll: SP-FN05