### MICRO SWITCH SAFETY SWITCH COMPARISON

#### DESIGN

<table>
<thead>
<tr>
<th>SERIES</th>
<th>2CCP</th>
<th>1CPS</th>
<th>2CPS</th>
<th>CLSX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable pull</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mechanical actuation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Key actuation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Typical applications
- Conveyor systems, perimeter guarding, packaging equipment, assembly lines
- Position detection, mechanical travel limits, drift detection, machine tools, material handling, doors, apertures
- Doors, apertures, safety interlock, cabinet power isolation, and guard detection

#### Certifications
- UL, cUL, CE, SIL3
- UL, CSA, CE, SIL3
- UL, CSA, CE, SIL3
- UL, CSA, CE, SIL3
- UL, CSA, CE, SIL3
- UL, CSA, CE, SIL3
- UL, CSA, CE, SIL3
- UL, CSA, CE, SIL3
- UL, CSA, CE, SIL3
- UL, CSA, CE, SIL3

#### Mounting centers (mm)
- 172.7 x 55.8
- 152 x 72
- 139 x 104
- 120 x 30
- 924/24 CE
- 924 x 24 CE
- 924 x 24 CE
- 924 x 24 CE
- 924 x 24 CE

#### Housing
- Aluminium
- Zinc
- Zinc
- Aluminium
- Aluminium
- Zinc
- Zinc
- Zinc
- Polyester

#### Body dimensions (l x w [depth] x h)
- 172.7 x 55.8 x 24
- 152 x 72 x 30
- 139 x 104 x 30
- 120 x 30 x 30
- 924/24 CE
- 924 x 24 CE
- 924 x 24 CE
- 924 x 24 CE
- 924 x 24 CE

#### Environmental sealing
- NEMA 1; IP54
- NEMA 1, 4, 13; IP67
- NEMA 1, 4, 12, 13; IP67
- NEMA 1, 4, 12, 13; IP67
- NEMA 1, 4, 12, 13; IP67
- NEMA 1, 4, 12, 13; IP67
- NEMA 1, 4, 12, 13; IP67
- NEMA 1, 4, 12, 13; IP67

#### Operating temperature
- -40 °C to 85 °C
- -40 °C to 80 °C
- -40 °C to 80 °C
- 1 °C to 70 °C
- -40 °C to 70 °C
- -25 °C to 85 °C
- 0 °C to 70 °C
- -25 °C to 85 °C

#### Circuits
- 2NC/2NO
- 3NC/1NO
- 4NC
- 1NC/1NO
- 2NC/2NO
- 3NC/1NO
- 4NC
- 1NC/1NO
- 1NC/1NO BBM
- 2NC/1NO BBM
- 4NC
- 1NC/1NO
- 1NC/1NO BBM
- 2NC/1NO BBM
- 4NC
- 1NC/1NO
- 1NC/1NO BBM
- 2NC/1NO BBM
- 4NC
- 1NC/1NO
- 1NC/1NO BBM
- 2NC/1NO BBM
- 4NC

#### Electrical
- 10A th AC15, A300
- 10A th AC15, A300
- 10A th AC15, A300
- 10A th AC15, A300
- 10A th AC15, A300
- 10A th AC15, A300
- 10A th AC15, A300
- 10A th AC15, A300
- 10A th AC15, A300

#### Positive opening NC contacts
- yes
- yes
- yes
- yes
- yes
- yes
- yes
- yes
- yes

#### Connection
- Conduit
- Conduit
- Conduit
- Conduit
- Conduit
- Pre-Cabled/Connector
- Conduit
- Pre-Cabled
- Conduit

#### Contacts
- Silver
- Silver Gold
- Silver Gold
- Silver Gold
- Silver Gold
- Silver
- Silver Gold
- Silver
- Silver Gold

#### Hazardous approvals
- NEMA 7, Class I Div 1 & 2 Groups B, C, D
- NEMA 9, Class I Div 1 & 2 Groups E, F, G
- Class (Flammable Gas)/Div 1 & 2 Groups B, C, D
- Class (Flammable Dust)/Div 1 & 2 Groups E, F, G
- Class (Combustible Flammable and Filings)/Div 1 & 2
- ATEX, IEC Ex, IMETRO
- IECEx IECEx CE IECEx CE Ex IECEx IECEx
- 1NC/1NO snap
- 1NC/1NO BBM
- 1NC/1NO MBB
- 1NC/1NO

---

**Honeywell Sensing and Internet of Things**
830 East Arapaho Road
Richardson, TX 75081
800-582-4263
www.honeywell.com

Find out more
Honeywell Sensing and Internet of Things services its customers through a worldwide network of sales offices and distributors. For application assistance, current specifications, pricing, or the nearest Authorized Distributor, visit sensing.honeywell.com or call International: +815 618 3231; USA/Canada: +302 613 4491.

© 2022 Honeywell International Inc. All rights reserved.