The SAFE-T-DRIFT® Heavy Duty Belt Misalignment Switch, is made for applications requiring a unit which caters for high speed belt applications, having a pre-warn trip contact and a final trip contact, both individually adjustable. Dual operation (i.e. right hand/left hand is also available). Its unique spring/cam operator ensures long, trouble free operation, in the most severe environmental situations.

**FEATURES**

**Switch Unit:**
- Robust UV stable, flame retardant (V0 rating) PBT/PC non corrosive plastic enclosure to IP67.
- All external fixings etc. are 316 Stainless Steel.
- Operating shaft bearings are UV stable, flame retardant PBT/PC plastic, for long maintenance free operation.
- Operating shaft sealing via a double lip oil seal, with external dust protecting boot.
- 90° full movement of operating arm with easily adjustable switching points from 5° to 75°.
- Standard unit has both ALARM & TRIP micro switches, each with 1no +1nc change over contacts.
- Micro switches pre-wired to tunnel terminals.

**Roller Arms:**
- Solid or sprung shaft roller mounting arms, available either vertical or horizontal.
- Rollers are Stainless Steel, 50mm diameter with high speed sealed ball bearings.
- Arms are fully adjustable through 360°.
### DIMENSIONS

![Dimensions Diagram]

### SWITCHING CAPACITY PER LOAD (REFERENCE VALUES)

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Resistive Load</th>
<th>Inductive Load</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Non-Inductive Load</td>
<td>Inductive Load</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Resistive Load</td>
<td>Lamp Load</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NC</td>
<td>NO</td>
</tr>
<tr>
<td>V-15</td>
<td>250 VAC</td>
<td>15 A</td>
<td>2 A</td>
</tr>
<tr>
<td>8 VDC</td>
<td>15 A</td>
<td>4 A</td>
<td>4 A</td>
</tr>
<tr>
<td>30 VDC</td>
<td>10 A</td>
<td>4 A</td>
<td>10 A</td>
</tr>
<tr>
<td>125 VDC</td>
<td>0.6 A</td>
<td>0.1 A</td>
<td>0.6 A</td>
</tr>
<tr>
<td>250VDC</td>
<td>0.3 A</td>
<td>0.05 A</td>
<td>0.3 A</td>
</tr>
</tbody>
</table>

### ORDERING DETAILS

**NOTE:** Order Switch Unit and Roller Arm

- Standard Switch: STD-P
- Dual Switching: STD-P-D
- Standard Switch w/ spec Terminals: STD-P-K
- Dual Switching w/ spec Terminals: STD-P-D-K
- Horizontal Roller Arm: STD-HA
- Horizontal Sprung Roller Arm: STD-HASR
- Vertical Roller Arm: STD-VA
- Vertical Sprung Roller Arm: STD-VASR

*Other variations available: See price list*

### ENCLOSURE SPECIFICATIONS

- IP67, UV stable, high impact, chemical resistance, flame retardant (V0) PBT/PC material.