**SAFE - T - R I P**

**Conveyor Belt Tear Detector**

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The **SAFE - T - R I P** heavy duty Belt Rip Detector is magnetically or mechanically operated, utilising the inherent reliability of Reed Switches or Micro Switches. The Reed Switches are encapsulated in a robust, non-metallic enclosure.

Various trip tensions can be achieved by simple external adjustment.

An external santoprene rubber boot assists in excluding dust and dirt from the plug and magnetic socket assembly.

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**FEATURES**

- UV stable, flame retardant (V0 rated) PBT/PC non corrosive enclosure to IP67.
- All external fixings etc. are 316 Stainless Steel.
- Dust boot on socket assembly.
- Socket can be mounted on either side, top or rear of enclosure. (as per Cat No.)
- Two x 20mm stainless steel amoured cable glands available.
- Two 20mm conduit entries.
- Label attachment lug on lid.
- Switches pre-wired to terminals.

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**CONVEYOR BELT TEAR DETECTOR**

Head Office - 08 8723 3333  Adelaide - 08 8251 3204

**DIMENSIONS and INSTALLATION**

- Top operation: 34 mm x 60 mm x 57.5 mm
- Right hand operation: 13 mm x 161 mm x 28 mm
- Back operation: 47 mm x 95 mm
- 4 x M6 Mounting Holes

Move stainless steel spring clip for Socket detachment tensions.

Tensions:
- No. 1: Highest tension
- No. 4: Lowest tension

See install instructions for more detail.

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**ORDERING DETAILS and ELECTRICAL DATA**

<table>
<thead>
<tr>
<th>CAT No.</th>
<th>Switch Device</th>
<th>Contact Configuration</th>
<th>Switched Power</th>
<th>Switched Voltage Max.</th>
<th>Switched Current Resistive AC (IM*) Max.</th>
<th>Inductive Load (Power Factor 0.4)</th>
<th>Typical Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>STR-P1</td>
<td>Dry Reed Switch</td>
<td>S.P.S.T.</td>
<td>12w</td>
<td>230V AC 230V DC</td>
<td>1A</td>
<td>Not suitable</td>
<td>PLC &amp; Control Circuits</td>
</tr>
<tr>
<td>STR-P2</td>
<td>Dry Reed Switch</td>
<td>S.P.D.T.</td>
<td>5w</td>
<td>175V AC 175V DC</td>
<td>0.25</td>
<td>Not suitable</td>
<td>PLC &amp; Control Circuits</td>
</tr>
<tr>
<td>STR-P3</td>
<td>Dry Reed Switch</td>
<td>2 x S.P.D.T.</td>
<td>5w</td>
<td>175V AC 175V DC</td>
<td>0.25</td>
<td>Not suitable</td>
<td>PLC &amp; Control Circuits</td>
</tr>
<tr>
<td>STR-P4</td>
<td>Micro Switch</td>
<td>1 x S.P.D.T.</td>
<td>N/A</td>
<td>250V AC 250V DC</td>
<td>15A</td>
<td>10A at 250V AC 03 A at 250V DC</td>
<td>General AC or DC Control Circuits</td>
</tr>
<tr>
<td>STR-P5</td>
<td>Micro Switch</td>
<td>2 x S.P.D.T.</td>
<td>N/A</td>
<td>250V AC 250V DC</td>
<td>15A</td>
<td>10A at 250V AC 03 A at 250V DC</td>
<td>General AC or DC Control Circuits</td>
</tr>
<tr>
<td>STR-P6</td>
<td>Micro Switch</td>
<td>3 x S.P.D.T.</td>
<td>N/A</td>
<td>250V AC 250V DC</td>
<td>15A</td>
<td>10A at 250V AC 03 A at 250V DC</td>
<td>General AC or DC Control Circuits</td>
</tr>
</tbody>
</table>

**Socket Positions**

- RH: Right hand operation
- LH: Left hand operation
- BK: Back operation
- TP: Top end operation

**Variations**

- Stainless steel armoured cable entry glands 2 x M20 – ACGS
- Tunnel rail mount terminals – K

**Enclosure Specifications**

- High Impact PBT/PC Non Corrosive Material
- UV Stable (See Valox Specs Sheet)
- Flame Retardent ASTM:UL94-V0 (1.0mm) Resist Splash and Spillage of Most Hydrocarbon Solvents, Mild Acids and Strong Alkali.
- (See Valox Specs Sheet)

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www.seconveyors.com.au