Safe-T-Rip Belt Tear Detector

The Safe-T-Rip 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.

Features:
- UV stable, flame retardant (VO rated) PBT/PC non-corrosive enclosure to IP67
- All external fittings 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 20mm conduit entries.
- Label attachment lug on lid.
- Switches are pre-wired to terminals

Galvanized Pig Tail, Polypropylene Rope Grips, PVC Coated Stainless Steel Wire Rope and Stainless Steel Turnbuckle included as standard.
(Stainless Steel Pig Tail Available.)
SAFE-T-RIP BELT TEAR DETECTOR

DIMENSIONS and INSTALLATION

- Top operation: 53mm x 60mm
- Right-hand operation: 34mm x 60mm
- Back operation: 28mm x 33.5mm
- 4 x M6 Mounting Holes
- Spring clip for Socket detachment tensions
- 34mm x 60mm

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</th>
<th>Resistant AC (Mhos) Max.</th>
<th>Inductive Loads (Power Factor 0.4)</th>
<th>Typical Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>STR-P-1</td>
<td>Dry Reed Switch</td>
<td>S.P.S.T.</td>
<td>12w</td>
<td>230V AC 230V DC</td>
<td>1.0</td>
<td>Not suitable</td>
<td>PLC &amp; Control Circuits</td>
<td></td>
</tr>
<tr>
<td>STR-P-2</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>
<td></td>
</tr>
<tr>
<td>STR-P-3</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>
<td></td>
</tr>
<tr>
<td>STR-P-4</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>Not suitable</td>
<td>General AC or DC Control Circuits</td>
<td></td>
</tr>
<tr>
<td>STR-P-5</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>Not suitable</td>
<td>General AC or DC Control Circuits</td>
<td></td>
</tr>
<tr>
<td>STR-P-6</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>Not suitable</td>
<td>General AC or DC Control Circuits</td>
<td></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
- Tunnel rail mount terminals

Sample Examples:

- STR-P-1-RH
- STR-P-1-RH-K
- STR-P-1-RH-S

Spare Parts:
- Socket, 3 metres of Wire Rope and 2 x Rope Grips

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