

## 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



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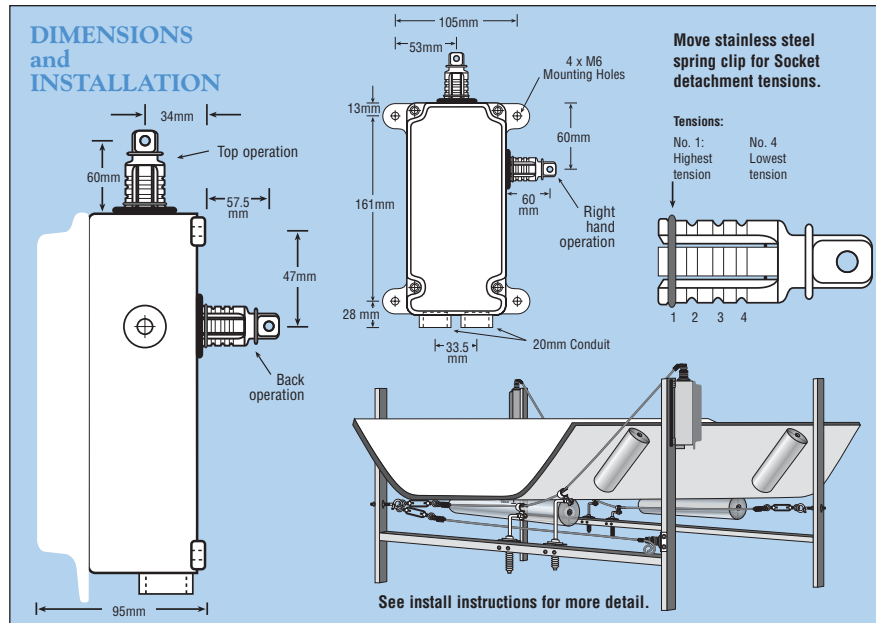
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# Safe-T-Rip Belt Tear Detector



## ORDERING DETAILS and ELECTRICAL DATA

CAT No.	Switch Device	Contact Configuration	Switched Power	Switched Voltage Max.	Switched Current Resistive AC (IMS) Max.	Inductive Loads (Power Factor 0.4)	Typical Application
STR-P-1 .....	Dry Reed Switch	S.P.S.T.	12w	230V AC 230V DC	1A	Not suitable	PLC & Control Circuits
STR-P-2 .....	Dry Reed Switch	S.P.D.T.	5w	175V AC 175V DC	0.25	Not suitable	PLC & Control Circuits
STR-P-3 .....	Dry Reed Switch	2 x S.P.D.T.	5w	175V AC 175V DC	0.25	Not suitable	PLC & Control Circuits
STR-P-4 .....	Micro Switch	1 x S.P.D.T.	N/A	250V AC 250V DC	15A	10A at 250V AC 0.3A at 250V DC	General AC or DC Control Circuits
STR-P-5 .....	Micro Switch	2 x S.P.D.T.	N/A	250V AC 250V DC	15A	10A at 250V AC 0.3A at 250V DC	General AC or DC Control Circuits
STR-P-6 .....	Micro Switch	3 x S.P.D.T.	N/A	250V AC 250V DC	15A	10A at 250V AC 0.3A at 250V DC	General AC or DC Control Circuits

### Socket Positions

Add to CAT No.

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

Example: STR-P-1 -RH

### Variations

Add to CAT No.

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

Example: STR-P-1-RH -K

### Enclosure Specifications

- High Impact PBT/PC Non Corrosive Material
- UV Stable (See Valox Specs Sheet)
- Flame Retardent ASTM:UL94-V0 (1.6mm) Resist Splash and Spillage of Most Hydrocarbon Solvents, Mild Acids and Strong Alkali. (See Valox Specs Sheet)

**SPARES:** Socket, 3 metres of Wire Rope and 2 x Rope Grips.....Part No. STR-SOC  
For Extra Rope Length, Add Meters e.g.. STR-SOC-4 (4m of Wire)



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