

SAFE-T-DRIFT

Conveyor Belt Misalignment Switch

Photograph displays vertical roller arm fitted. Order as separate item.



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 (ie. right hand/left hand is also available). It's unique spring/cam operator ensures long, trouble free operation, in the most severe environmental situations.

FEATURES

Switch Unit:

- Robust glass filled Nylon 66 non corrosive enclosure to IP67.
- All external fixings etc. are 316 Stainless Steel.
- Operating shaft bearings are mineral filled Nylon, 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:

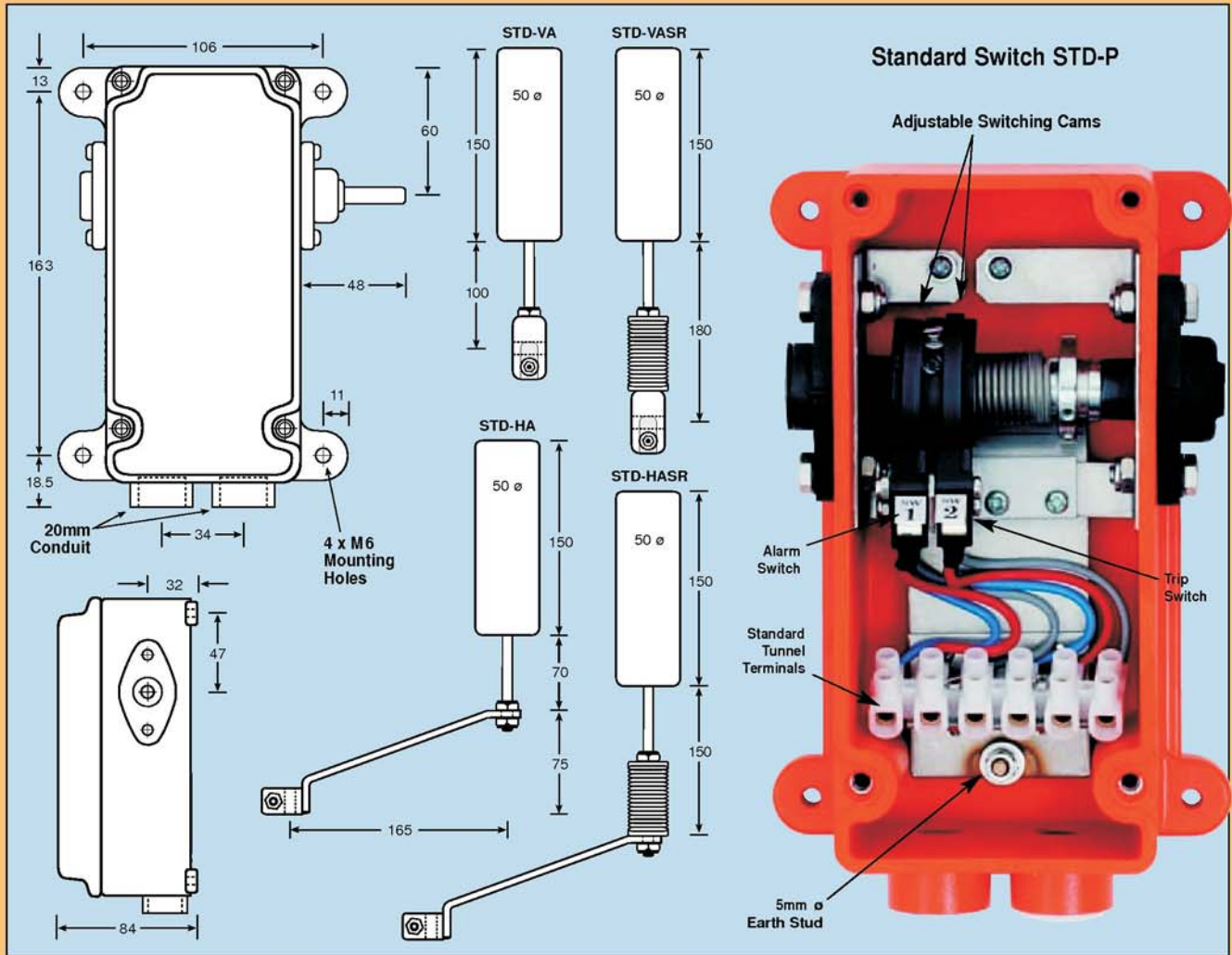
- Solid or sprung shaft roller mounting arms, available either vertical or horizontal.
- Rollers are Stainless Steel, 50mm diameter with high speed sealed ball bearings.
- Arms are fully adjustable through 360°.



BELT MISALIGNMENT SWITCH

SAFE-T-DRIFT

DIMENSIONS



ENCLOSURE SPECIFICATIONS

Glass filled, high impact Nylon 66. Finished in high solids epoxy mastic coating, resistant to splash or spillage of most hydrocarbon solvents, mild acids and strong alkali.

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

ELECTRICAL SPECIFICATION

| | Voltage | Resistive | Inductive |
|----|---------|-----------|-----------|
| AC | 250 | 10A | 6A |
| DC | 250 | 0.3A | 0.3A |
| DC | 125 | 0.6A | 0.6A |
| DC | 30 | 3A | 6A |

| | |
|---------------------|--------------------------|
| OPS/MIN Electrical | = 60 |
| INS RES | 100 M.OHms |
| Contact Res Initial | 15 m.OHms |
| Shock Res | 30G.Min |
| Life Expectancy | 100,000 OPS Min |
| Amb Temp. | -25°C to 80°C (No Icing) |
| Humidity Operating | 85% Max |

P. O. Box 488
 Carletonville
 2500
 www.armaco.co.za
 VAT No. 4720116112



Tel (018) 786 3116
 Int (+27) 18 786 3116
 Fax (018) 786 3892
 Int (+27) 18 786 3892
 elisme@armaco.co.za

Reg. No.: CK88/04577/23

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