

# 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:

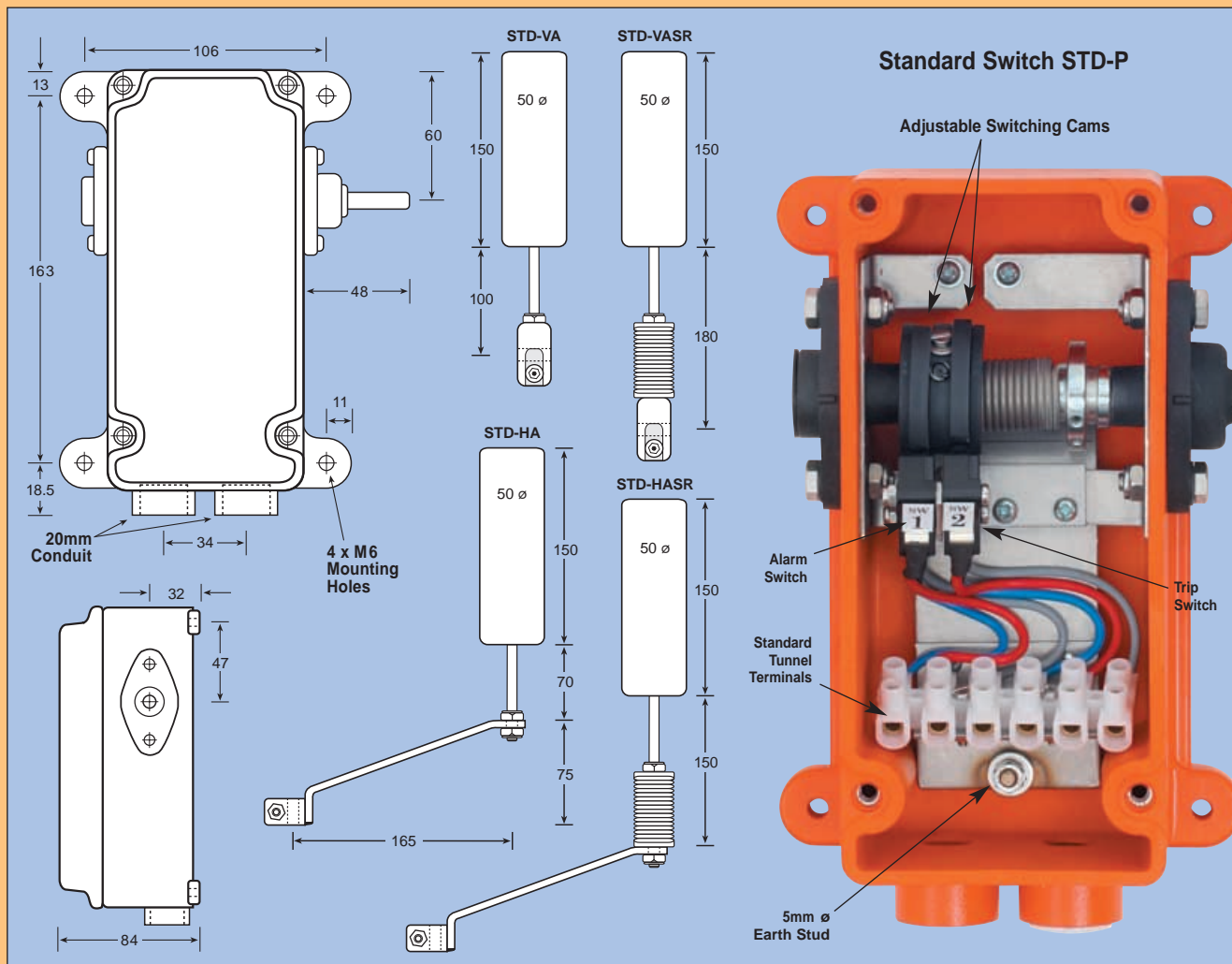
- Solid or sprung shaft roller mounting arms, available either vertical or horizontal.
- Rollers are Stainless Steel, 50mm diameter with high speed sealed ball bearings.
- Arms are fully adjustable through 360°.



## 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

Manufactured in Australia by:

**Electric Control**  
PRODUCTS

Unit 2,  
172 Beringarra Avenue,  
Malaga WA 6090

Telephone: (08) 9249 1044

Facsimile: (08) 9249 2202

**Power Control**  
PRODUCTS

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PUB. No. STD-07/05

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