

SAFE-T-DRIFT®

CE Conformity

Conveyor Belt Misalignment Switch

Illustration only, actual product may differ.
Photograph displays vertical roller arm fitted.
Order as separate item.



The **SAFE-T-DRIFT** heavy duty Protective Stop Control Belt Misalignment Switch, is made for applications requiring a unit which caters for high speed belt applications, having a cam driven drift alarm micro switch with direct opening action and direct opening action trip micro switch. The cams are individually adjustable for finer alarm and trip points.

The switch may be ordered in either the standard right handed shaft operation or left handed shaft. It's unique dual direction sprung cam operator system coupled with the IP66/67 high speed roller ensures long, trouble free operation, in the most severe environmental situations.

FEATURES

Switch Unit:

- Robust UV stable, flame retardant (V0 rating) PBT/PC non corrosive plastic enclosure to IP 66/67.
- All external fixings etc. are 316 Stainless Steel.
- Operating shaft bearings are UV stable, flame retardant, 30% Mineral Filled Nylon 66 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 S.P.D.T Change-over Safety Micro Switches with Direct Opening Action (IEC 60947-5-1 Annex K) in contact element form C tested and passed too IEC 60947-5-1.
- Micro switches pre wired to terminals.

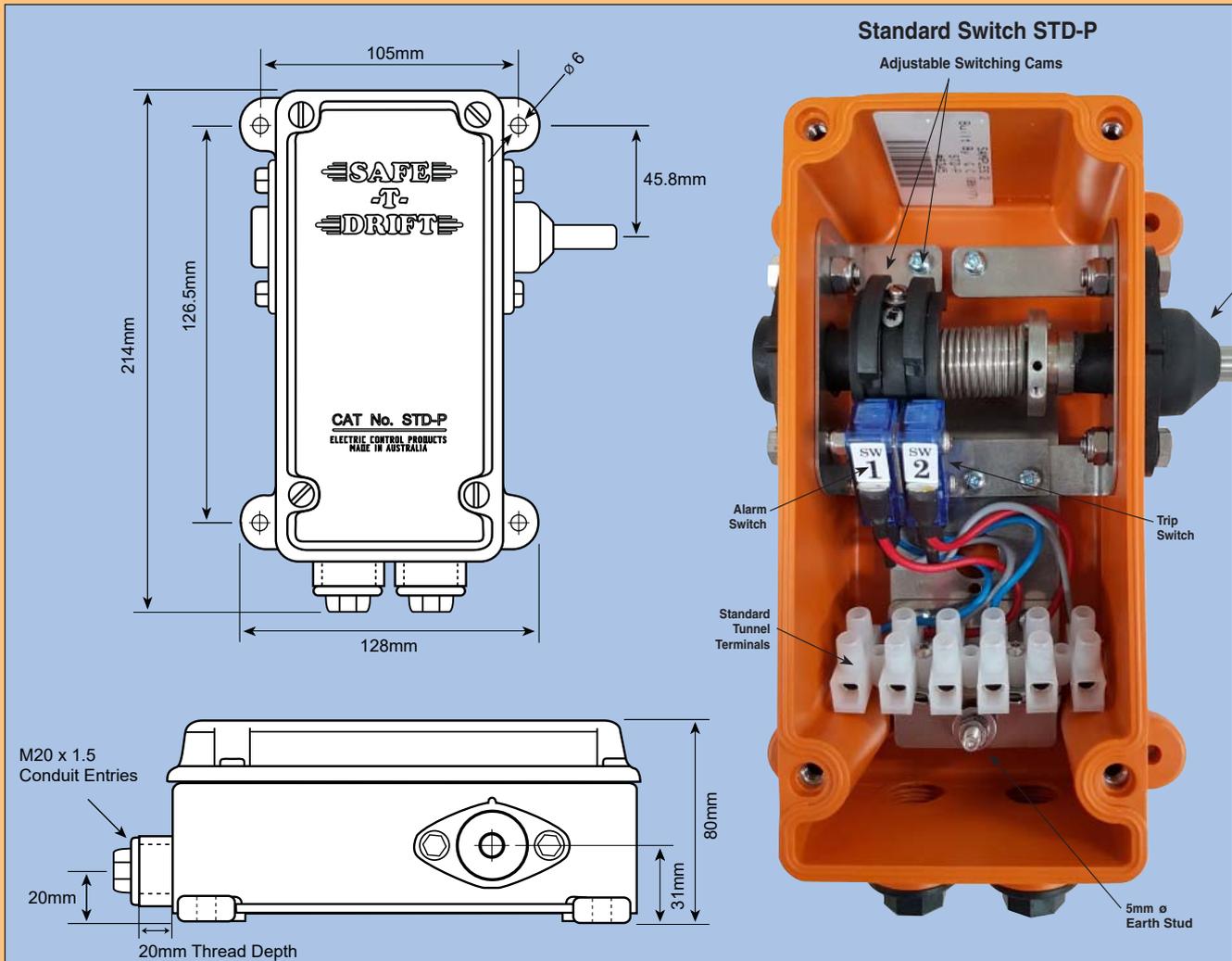
Roller Arms: (NOTE: Ordered separately)

- Solid or sprung shaft roller mounting arms, available either vertical or horizontal.
- Rollers are IP66/67 316 Polished Stainless Steel and available in either 50mm diameter or 25m diameter with high speed sealed bearings.
- Arms are fully adjustable through 360°.



BELT MISALIGNMENT SWITCH

DIMENSIONS



ENCLOSURE SPECIFICATIONS

IP67, UV stable, high impact, chemical resistance, flame retardant (V0) PBT/PC material.

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: Contact your distributor

SAFETY MICRO SWITCHES WITH DIRECT OPENING ACTION

Safety Micro Switch with Direct Opening Action Specifications

IEC 60947-5-1 Annex K classification	<input type="checkbox"/> Type 1	<input checked="" type="checkbox"/> Type 2 Direct Opening
Change-over contact element	<input checked="" type="checkbox"/> C	<input type="checkbox"/> Za <input type="checkbox"/> Zb
Contact material	Ag-Ni	
Utilization category	AC-15	DC-13
Operational voltage	230 V	24 V
Operational current	1.5 A	0.5 A
Frequency	50/60 Hz	—
Number of electrical cycles	6050 (6 min ⁻¹)	
Number of mechanical cycles	6050 (6 min ⁻¹)	
Conventional free air thermal current	10 A	
Conventional enclosed thermal current	—	
Operating Temperature	-35° C No Icing	+80° C

Specifications (short-circuit with standability)

Rated conditional short-circuit current	3 00 A	1 000 A
Short circuit protective device	Fuse 6 A gG (IEC 60269-2)	Fuse 6 A gR (IEC 60269-4)

Manufactured in Australia by:



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Sold by: