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SAFE-T-DRIFT®

safe-t PRODUCTS

Targeting Safety



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safe-t PRODUCTS

SAFE-T-DRIFT®

CONVEYOR BELT
MISALIGNMENT DEVICE

UV STABLE, IMPACT MODIFIED, FLAME RETARDANT, PC/PBT ENCLOSURE.



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

Tested to IP66/69K

CE Conformity

The Safe-T-Drift heavy duty Protective Stop Control Belt Misalignment Device, 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 device 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 IP66/69K high speed roller ensures long, trouble free operation, in the most severe environmental situations.

DEVICE FEATURES

- UV stable, impact modified, V0 flame retardant, PC/PBT enclosure.
- All external fixings etc. are 316 Stainless Steel.
- Operating shaft bearings are UV stable, flame retardant, 15% GF 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** 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 to 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 IP66/67K 316 Polished Stainless Steel and available in either 50mm diameter or 25m diameter with high speed sealed bearings.
- Arms are fully adjustable through 360°.

ENCLOSURE SPECIFICATIONS

IP66/69K, UV stable, high impact, chemical resistance, flame retardant (V0) PC/PBT material.

STANDARDS COMPLIANCE

AS/NZS 4024 Series **AS/NZS IEC 60947.5.1:2015** **IEC 60947.5.1:2016 RLV**

WHS Regulations 2022 part 5.1 division 2, 187

FOR MORE INFORMATION

YouTube

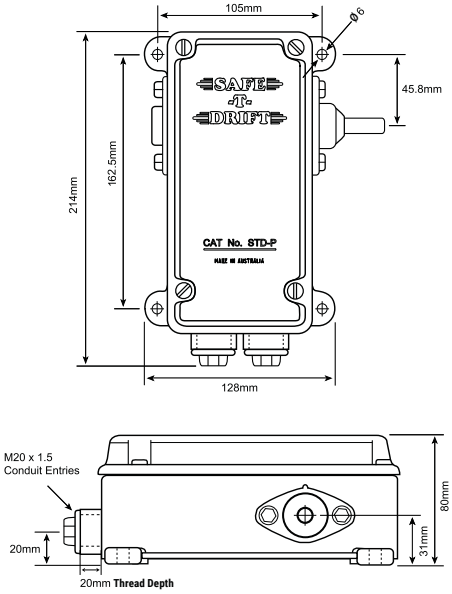
www.safe-t-products.com.au

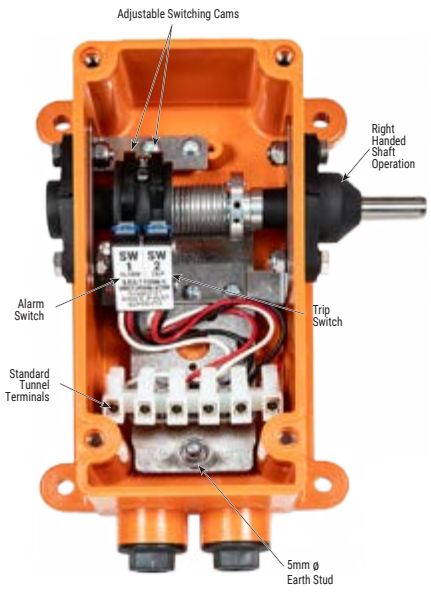
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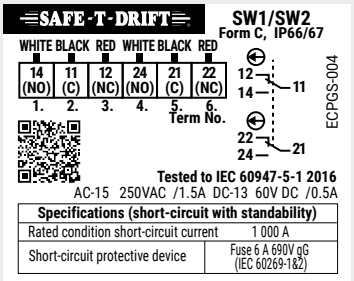
DIMENSIONS

STD-P DEVICE SHOWN

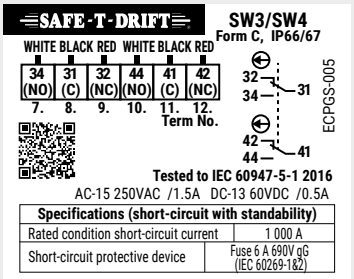




STICKERS



ECPGS-004



ECPGS-005

ELECTRICAL SPECIFICATIONS

IP 67 Safety Micro Switch with Direct Opening Action Specifications

IEC 60947-5-1 Annex K classification	☐ Type 1	☒ Type 2 Direct Opening
Change-over contact element	☒ C ☐ Za	☐ Zb
Contact material	Ag-Ni	
Utilization category	AC-15	DC-13
Operational voltage	250 V	60 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)

ORDERING DETAILS

NOTE: Order Device and Roller Arm

DEVICE TYPE	PART NUMBER
Single Direction Switching (ECGS-004)	STD-P
Dual Direction Switching (ECGS-004)+(ECGS-005)	STD-P-D
Single Direction Switching - DIN Rail Terminals Fitted (ECGS-004)	STD-P-K
Dual Direction Switching - DIN Rail Terminals Fitted (ECGS-004)+(ECGS-005)	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

safe-t PRODUCTS

SAFE-T-DRIFT®

CONVEYOR BELT
MISALIGNMENT DEVICE

2MM 316 ELECTRO POLISHED STAINLESS STEEL



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

Tested to IP66/69K

CE Conformity

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DEVICE FEATURES

- 316 2mm electro polished stainless steel enclosure to IP66/69K.
- All external fixings etc. are 316 Stainless Steel.
- Operating shaft bearings are UV stable, flame retardant 15% GF nylon, for long maintenance free operation.
- Operating shaft sealing via a double lip oil seal, with external dust protecting boot.
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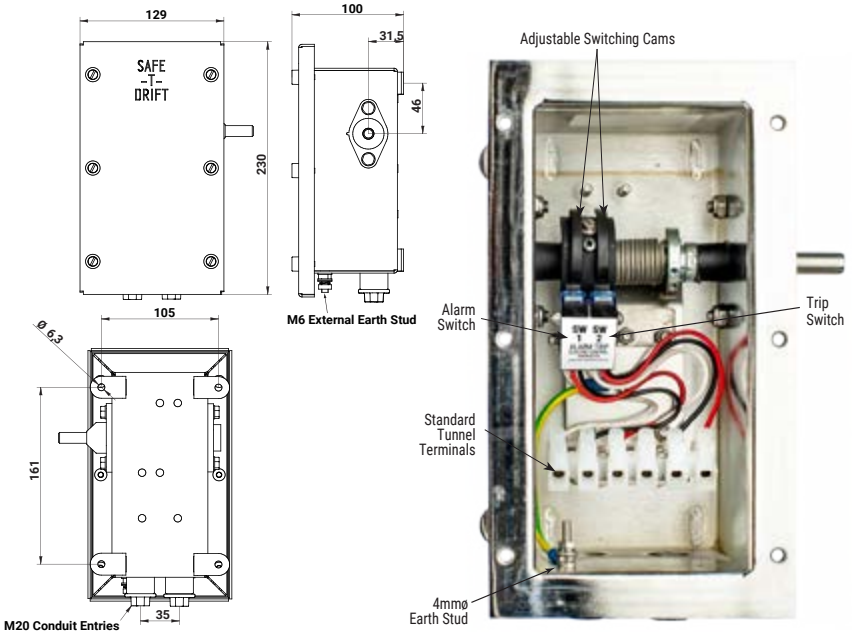
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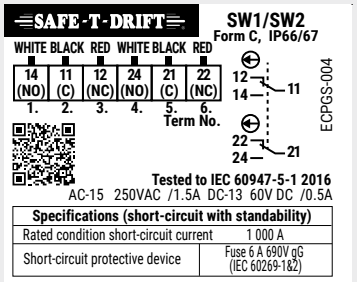
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DIMENSIONS

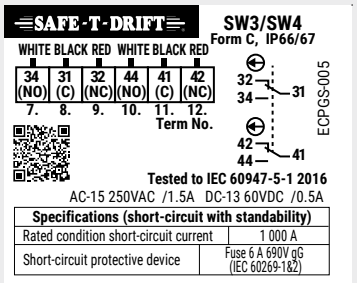
STD-SSB DEVICE SHOWN



STICKERS



ECPGS-004



ECPGS-005

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Dual Direction Switching (ECGS-004)+(ECGS-005)	STD-SSB-D
Single Direction Switching - DIN Rail Terminals Fitted (ECGS-004)	STD-SSB-K
Dual Direction Switching - DIN Rail Terminals Fitted (ECGS-004)+(ECGS-005)	STD-SSB-D-K
Horizontal Roller Arm	STD-HA
Horizontal Sprung Roller Arm	STD-HASR
Vertical Roller Arm	STD-VA
Vertical Sprung Roller Arm	STD-VASR

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