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SAFE-T-LIMIT

safe-t PRODUCTS

HEAVY DUTY LIMIT DEVICE

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



Photograph displays horizontal Limit Device Arm.
Order as separate item.

With 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

Tested to IP66/67

CE Conformity

The Safe-T-Limit Heavy Duty Limit Device, is made for applications requiring a device which caters for heavy duty applications, having a pre-warn direct opening trip contact and a final direct opening trip contact.

Dual direction 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 UV stable, flame retardant (V0 rating) PC/PBT non corrosive plastic enclosure to IP66/67.
- All external fixings etc. are 316 Stainless Steel.
- Operating shaft bearings are UV stable, flame retardant PC/PBT plastic, 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 tunnel terminals or rail type terminals.

FOR MORE INFORMATION

www.safe-t-products.com.au

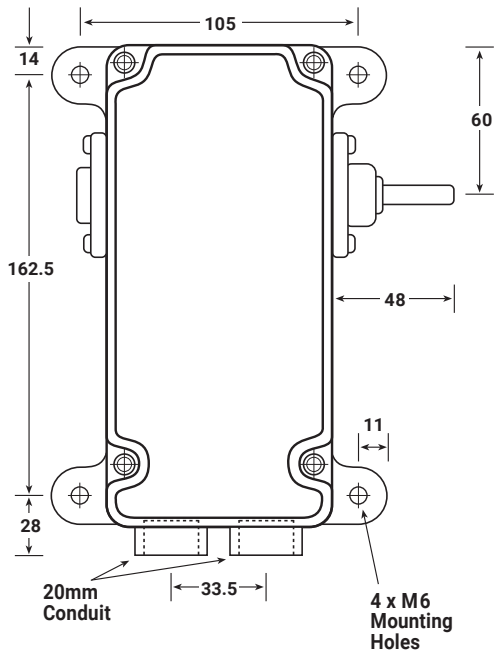
AUSTRALIAN Designed & Manufactured

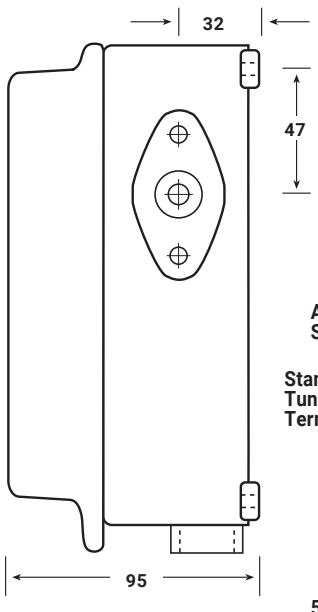
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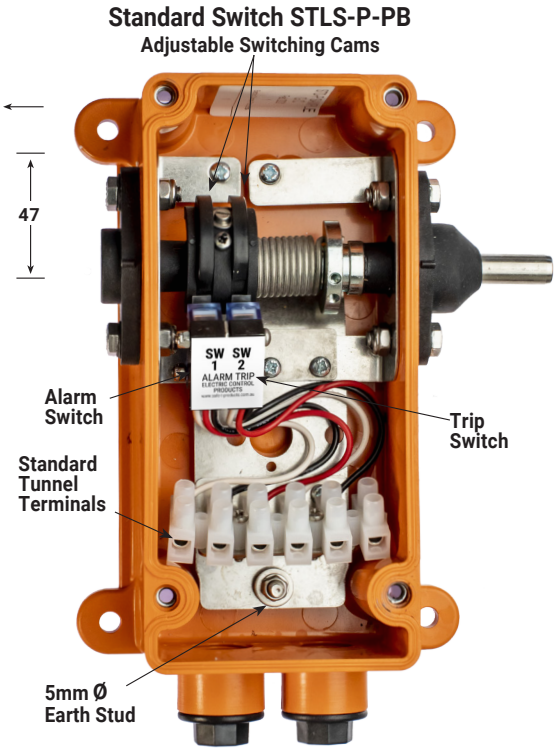
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DIMENSIONS







ENCLOSURE SPECIFICATIONS

IP66/67, UV stable, high impact, chemical resistance, flame retardant (V0) PC/PBT material.

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	230 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 Unit and Roller Arm

STANDARD DEVICE	PART NUMBER
Standard Switch	STLS-P
Dual Switching	STLS-P-D
Standard Switch w/- spec Terminals	STLS-P-K
Dual Switching w/- spec Terminals	STLS-P-D-K
Horizontal Roller Arm	STLS-HA
Horizontal Stainless Steel Roller Arm	STLS-HASS
Vertical Stainless Steel 10mm x 200mm Lever Rod Arm	STD-VA
Vertical Stainless Steel 10mm x 200mm Lever Rod Arm mounted on sprung VA clamp	STLS-VASR
Limit Arm Roller	STLS-LA
Limit Arm Roller Stainless Steel	STLS-LA-SS
Long Limit Roller Arm	STLS-LS
Long Limit Roller Arm Stainless Steel	STLS-LS-SS
Straight Bar Arm Stainless Steel	STLS-VASB
L Bar Arm Stainless Steel	STLS-VALB

NOTE: See installation instructions for dimensions

TARGETING CONVEYOR SAFETY