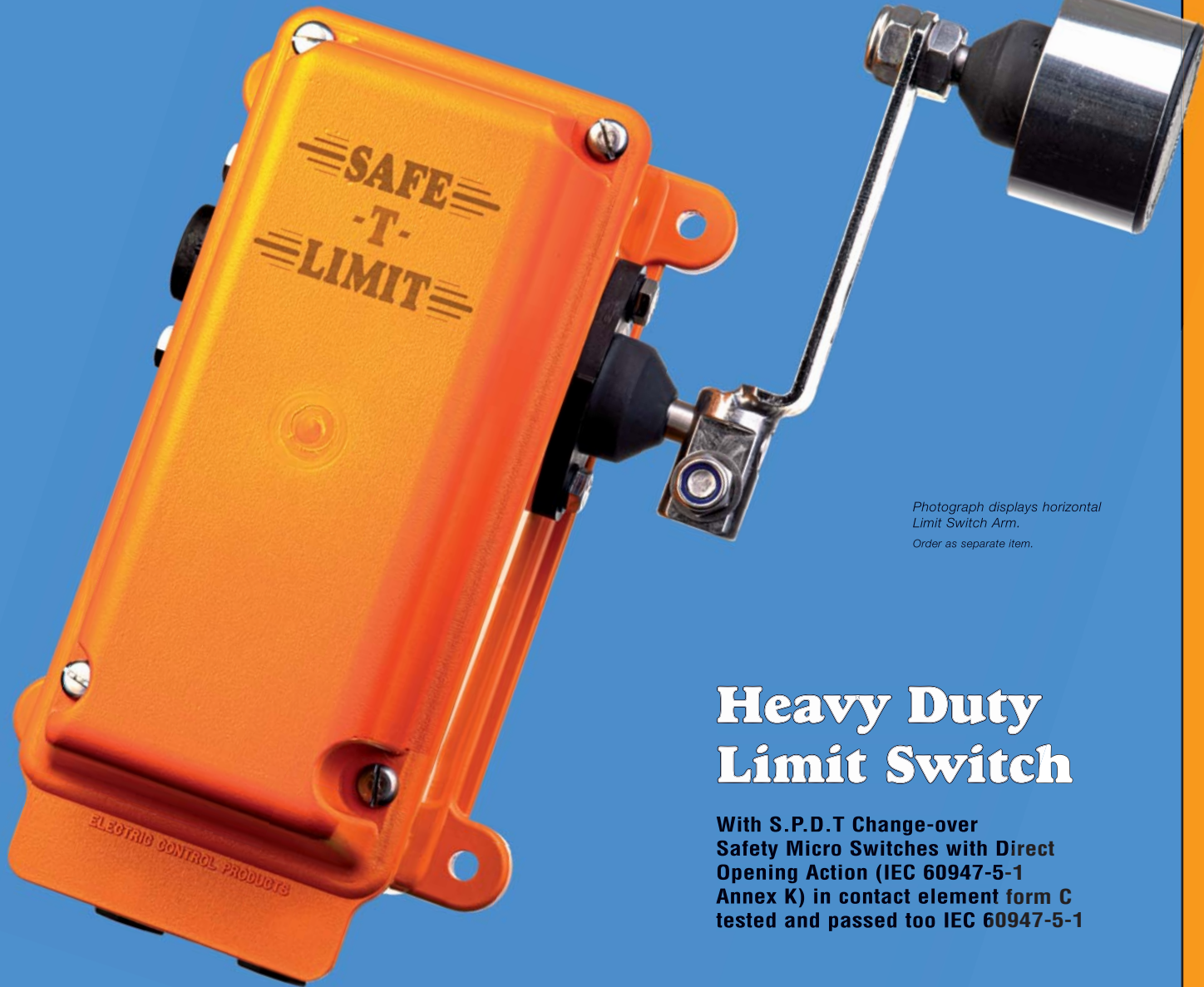


SAFE-T-LIMIT[®]



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

Heavy Duty Limit Switch

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

The **SAFE-T-LIMIT** Heavy Duty Limit Switch, is made for applications requiring a switch 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.

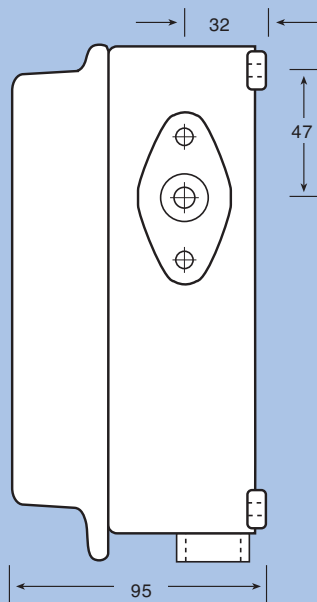
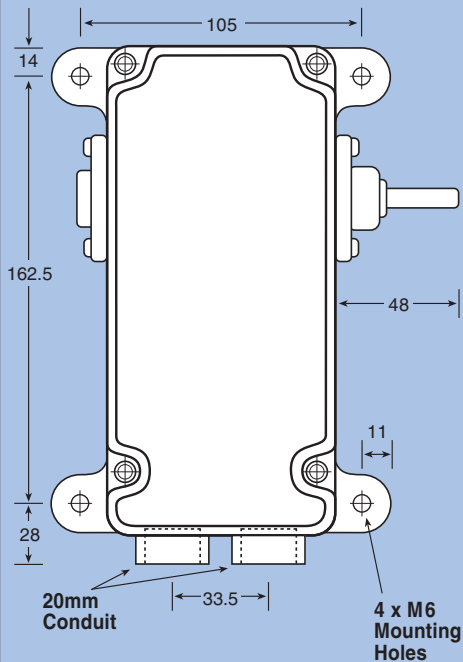
FEATURES

Switch Unit:

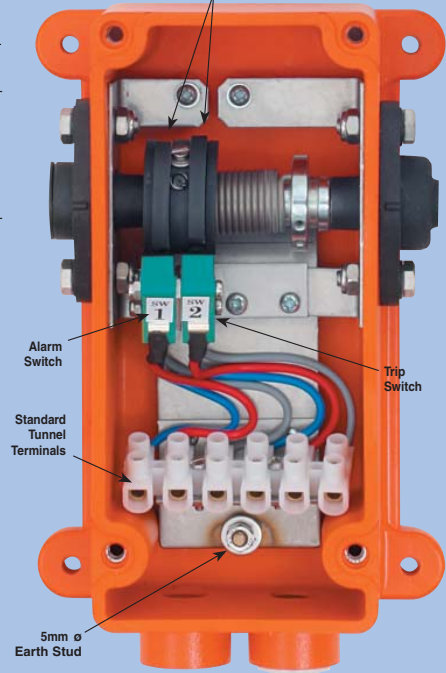
- Robust UV stable, flame retardant (V0 rating) PBT/PC non corrosive plastic enclosure to IP66 / IP67.
- All external fixings etc. are 316 Stainless Steel.
- Operating shaft bearings are UV stable, flame retardant PBT/PC plastic, for long maintenance free operation.
- Operating shaft sealing via a double 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.

HEAVY DUTY LIMIT SWITCH

DIMENSIONS



Standard Switch STLS-P-PB
Adjustable Switching Cams



Ordering Details

NOTE: Order Switch Unit and Limit Switch Arm

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.....	STLS-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

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)

Enclosure Specifications

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

Manufactured in
Australia by:

**Electric
Control**
PRODUCTS

18 Tambrey Way, Malaga
Western Australia 6090

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Facsimile: (08) 9248 6292

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