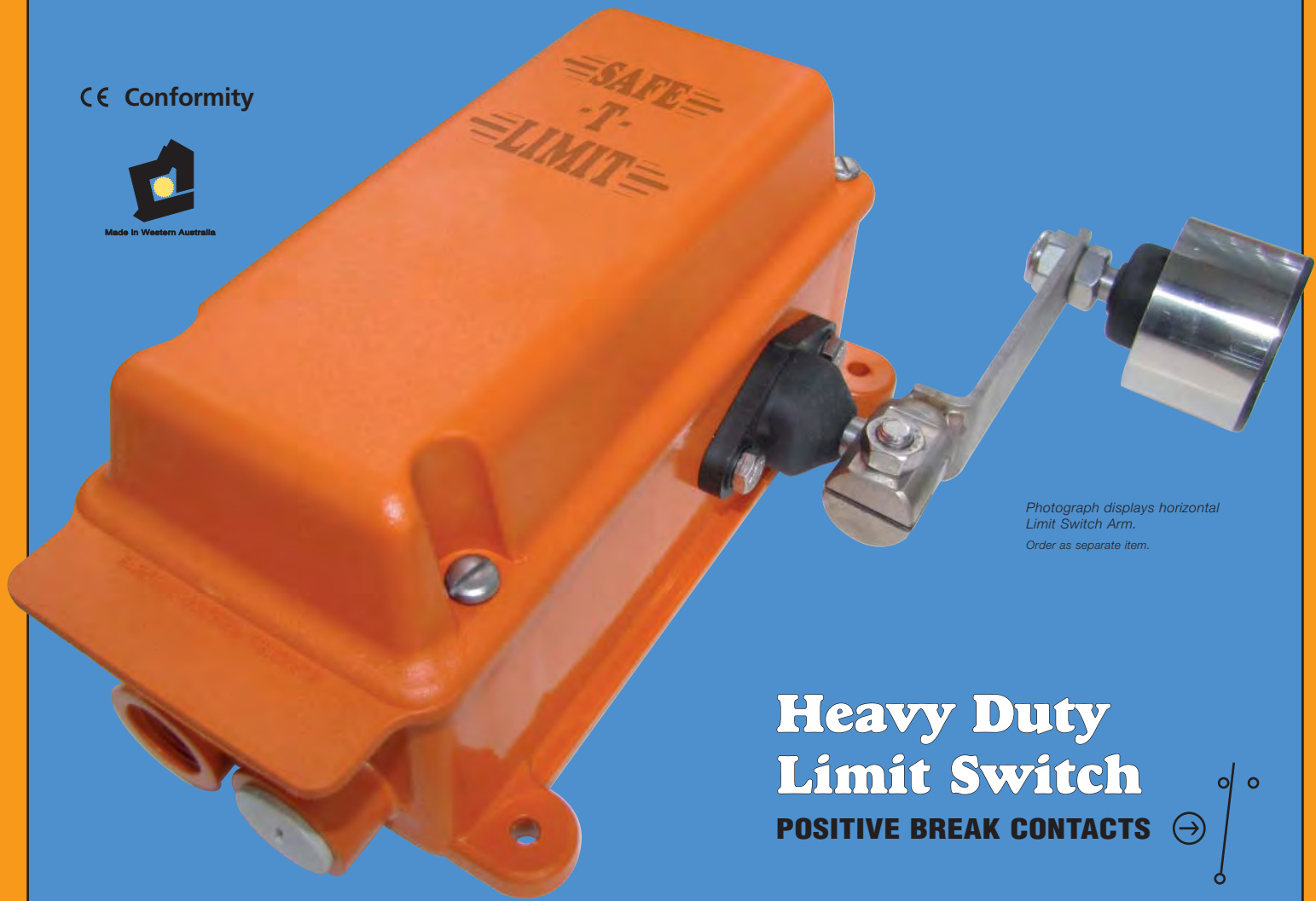


# SAFE-T-LIMIT®

CE Conformity



Made in Western Australia



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

## Heavy Duty Limit Switch

**POSITIVE BREAK CONTACTS**



The **SAFE-T-LIMIT** Heavy Duty Limit Switch, is made for applications requiring a unit which caters for heavy duty applications, having a pre-warn positive break trip contact and a final positive break trip contact. 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 UV stable, flame retardant (V0 rating) PBT/PC non corrosive plastic enclosure to 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 micro switches, each with 1no +1nc positive break change over contacts.
- Micro switches pre wired to tunnel terminals.

#### Limit Arms:

- 10mm Diameter x 200mm long Stainless Steel vertical rod lever type arm or 50mm Diameter horizontal roller type arm.

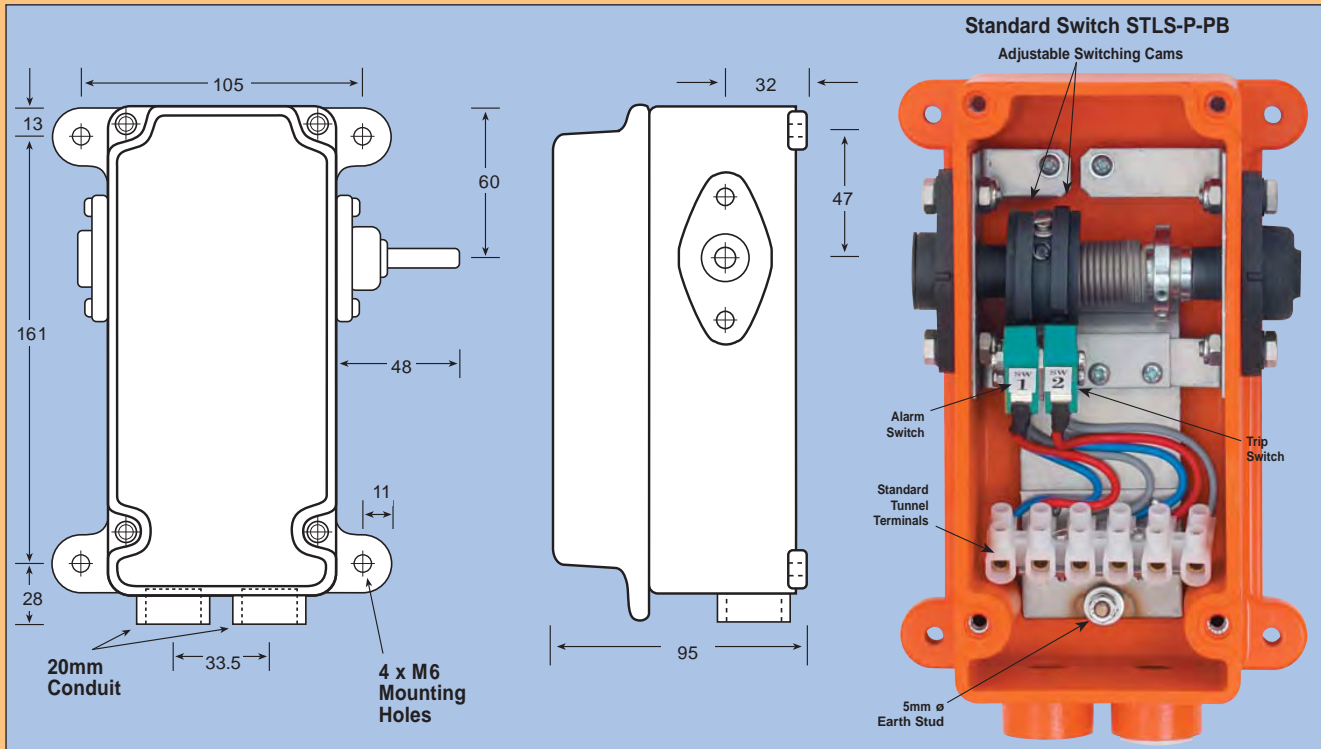
# HEAVY DUTY LIMIT SWITCH

**POSITIVE BREAK CONTACTS**



# SAFE-T-LIMIT

## DIMENSIONS



### Micro Switch Features

- Performance according to standards VDE0660, IEC/EN60947, UL508.
- Positive opening contacts.
- Housings in “visual safety” transparent blue polycarbonate – easy contact inspection!
- Protection degree IP40.
- Terminals – Soldered cable joints.
- Self cleaning contacts.
- Extremely fast switching operation.

### Ordering Details

**NOTE: Order Switch Unit and Limit Switch Arm**

Standard Switch.....	STLS-P-PB
Dual Switching.....	STLS-P-PB-D
Standard Switch w/-spec Terminals.....	STLS-P-PB-K
Dual Switching w/-spec Terminals....	STLS-P-PB-D-K
Horizontal Roller Arm.....	STLS-HA
Horizontal Sprung 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

### Micro Switch Rating

<b>UL508</b>	6A/125 or 250 VAC 0.5A/125 or 250 VAC
<b>IEC</b>	AC-15 6A/230VAC (10A MAX) DC-13 6A/24VDC (10A MAX)

### Micro Switch Characteristics

Operating Speed	0.01 to 1m/sec.
Operating Frequency	mechanically: 300 operations/min.
Contact Resistance	30m Ohm max.
Dielectric Strength	1000 VAC, 50/60 Hz for 1 minute between non continuous terminals.
Ambient Operating Temp.	(-40C ~ +85C)
Storage Humidity	85% RH max.
Service Life	Mechanically: 10,000,000 cycles Electrically: 5,000,000 cycles
Protection Degree	IP 40
Circuitry	1 NO + 1NC Contact

### Enclosure Specifications

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

Manufactured in  
Australia by:

Unit 2,  
172 Beringarra Avenue,  
Malaga WA 6090

Telephone: (08) 9249 1044  
Facsimile: (08) 9249 2202

**Electric  
Control**  
PRODUCTS

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# HEAVY DUTY LIMIT SWITCH

**POSITIVE BREAK  
CONTACTS**

