

## Safe-T-Pull Pull Wire Switch

The Safe-T-Pull Pull Wire Switch has been tested to the requirements of AS/NZS 4024.3610:2015.

Tripping occurs under the following condition:

- (a) One or both trip wires are removed
- (b) One or both trip wires are over tensioned
- (c) One or both trip wires are activated
- (d) Manual trip via reset knob.

The switch cannot be reset unless both trip wires are attached and correctly tensioned, Manual reset done via the external reset knob is required after a trip has occurred.

Features:

- Tamper Proof Switch Plate Mechanism.
- Absolute simplicity in initial setup and adjustment.
- Robust non-metallic enclosure.
- Simple design ensures low maintenance.
- Stainless steel internal compression type springs.
- Pull rods 316 stainless steel.
- Pull rods have spring loaded external dust protecting boots so the pull rod is always covered for extra seal protection.

- Double lip oil seals on pull roads and reset operator for secure dust and weather protection to IP 67.
- Non-metallic pull rod bushings.
- Positive drive action switching contacts provides mechanical forcing of the trip contacts.
- Complies to AS/NZS IEC 60947.5.5:2015.
- Three fail safe trip mechanism to ensure safety.
- Internal switch connections are fully shrouded for added safety during inspection.
- Switches have forced open double break, double make Gold Flashed/Silver contacts for reliable low voltage signaling.
- Cam design compensates for pull wire expansion/contraction up to 30mm either side of the set point.
- Eliminates nuisance tripping due to vibration.
- Pull forces to actuate trip @ 60Nm (6Kg) 90° to pull wire axis and 90Nm (9Kg) along pull wire axis.
- Padlock facility provided as standard.



Switch features 3 Fail Safe Trip Modes designed for high performance levels.

Photograph shows optional Signal Flag fitted.

# Safe-T-Pull Pull Wire Switch

## VARIATIONS

- Max 4no + 4nc contacts,
- External signal flag,
- External light,
- Single sided operation, right hand or left hand,
- 316 stainless steel mounting feet,
- Two x M20 stainless steel armoured cable glands,
- Gold Plated Fail Safe Contacts.

## INSTALLATION

One centrally mounted switch for every 200m of pull wire. Consult AS/NZS 4024.3610:2015 for mechanical installation.

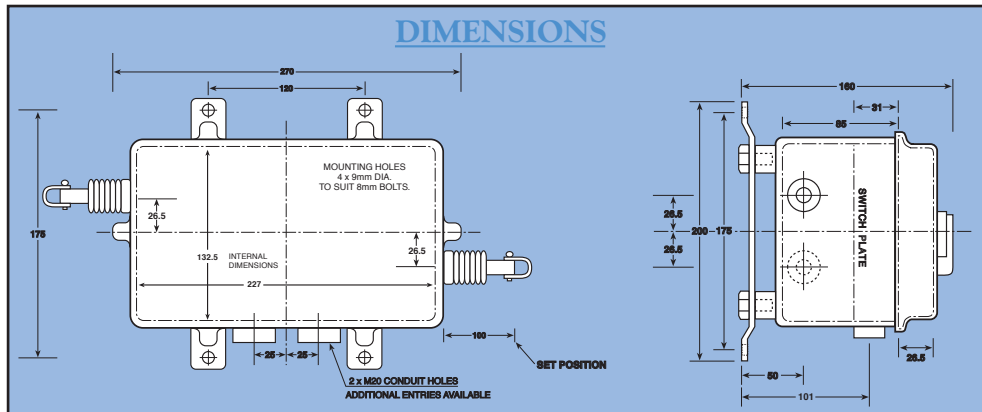
## REMOTE END

- Matched stainless steel compensation springs for remote end attachment. P/N STP-E60

To comply with AS/NZS 4024.3610:2015. A matched compensation spring must be fitted to the remote end of the Pull Wire to allow tripping in both directions.

## SWITCH SETTINGS

Adjust each pull wire until there is 100mm from the end of the pull rod to the switch housing.



## ORDERING DETAILS

Standard Switch with 2 NO 2 NC S.P.D.T Fail Safe Contacts..... **STP-M-C-2**

With 316 stainless steel mounting feet and 2 NO 2 NC S.P.D.T Fail Safe Contacts.... **STP-M-B-2**

*Add to above Cat No. for variations:*

4 NO and 4 NC contacts ..... **-4**

External signal flag ..... **-F**

External strobe light..... **-S + volts & color**

Left hand operation only..... **-LH**

Right hand operation only..... **-RH**

Two x M20 stainless steel armoured cable glands..... **-ACGS**

Matched SS Compensation Spring..... **STP-E60**

## ENCLOSURE SPECIFICATIONS

- High Impact PBT/PC Non Corrosive Material.
- U.V Stabilised. (See Valox Specs Sheet)
- Flame retarded ASTM.UL94.V-0 (1.6mm)
- Resists splash and spillage of most hydrocarbon solvents, mild acids and strong alkali. (See Valox Specs Sheet)

## GENERAL CHARACTERISTICS

### Forced Open Snap Action Switches

Comply with	IEC / EN61058, UL 1054
Rated Insulation voltage Ui	V 250V
Rated impulse withstand volt. Uimp	V 1500
Rated thermal current Ith	A 8
Rated operating current Ie:	ac 8A - 250V resistive load, 3A - 250V inductive load
Ambient temperature	°C -25 +85
Electric shock protection	Class II
Pollution class	2
Life	cycles Mechanical 10 <sup>6</sup> , electrical 5x10 <sup>5</sup>
Termination type	6.3 x 0.8 faston terminal



[www.kinder.com.au](http://www.kinder.com.au)

**Kinder Australia Pty Ltd**

P | +61 3 8587 9111 F | +61 3 8587 9101 E | sales@kinder.com.au

26 Canterbury Rd, Braeside VIC 3195 (PO Box 1026, Braeside VIC 3195)

**Subject to © Kinder Australia Pty Ltd**