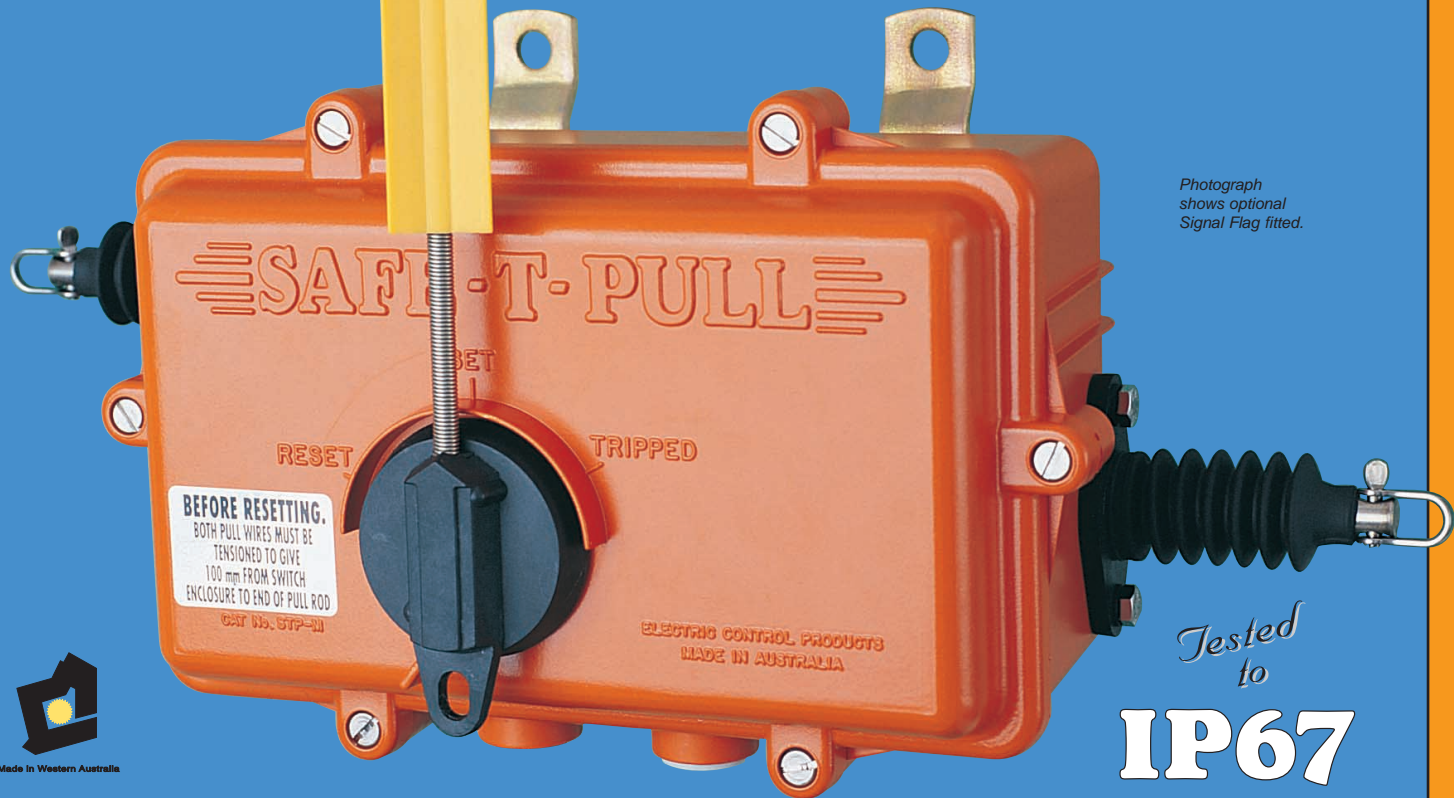


# SAFE-T-PULL



Photograph shows optional Signal Flag fitted.

*Tested to*

# IP67

The **SAFE-T-PULL** Pull Wire Switch has been tested to the requirements of AS 1755 - 2000.

Tripping occurs under the following conditions:-

- (a) One or both trip wires are removed
- (b) One or both trip wires are overtensioned
- (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 via the external reset knob is required after a trip has occurred.

## FEATURES

- 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 external dust protecting boots for seal protection.
- Double lip oil seals on pull rods and reset operator for secure dust and weather protection to IP 67.
- Non-metallic pull rod bushings.
- Positive drive action from cams through to switching contacts provides mechanical forcing of the trip contacts.
- Internal switch connections are fully shrouded for added safety during inspection.
- Switches have double make double break silver contacts for reliable low voltage signalling.
- Cam design compensates for pull wire expansion/contraction up to 30mm either side of the set point. Eliminates nuisance tripping due to vibration.
- Padlock facility provided as standard.

# PULL WIRE SWITCH

# SAFE-T-PULL

## VARIATIONS

- Max 4no + 4nc contacts,
- External signal flag,
- External strobe light,
- Single sided operation, right hand or left hand,
- 316 stainless steel mounting feet,
- Two x M20 stainless steel armoured cable glands.
- Matched stainless steel compensation springs for remote end attachment.

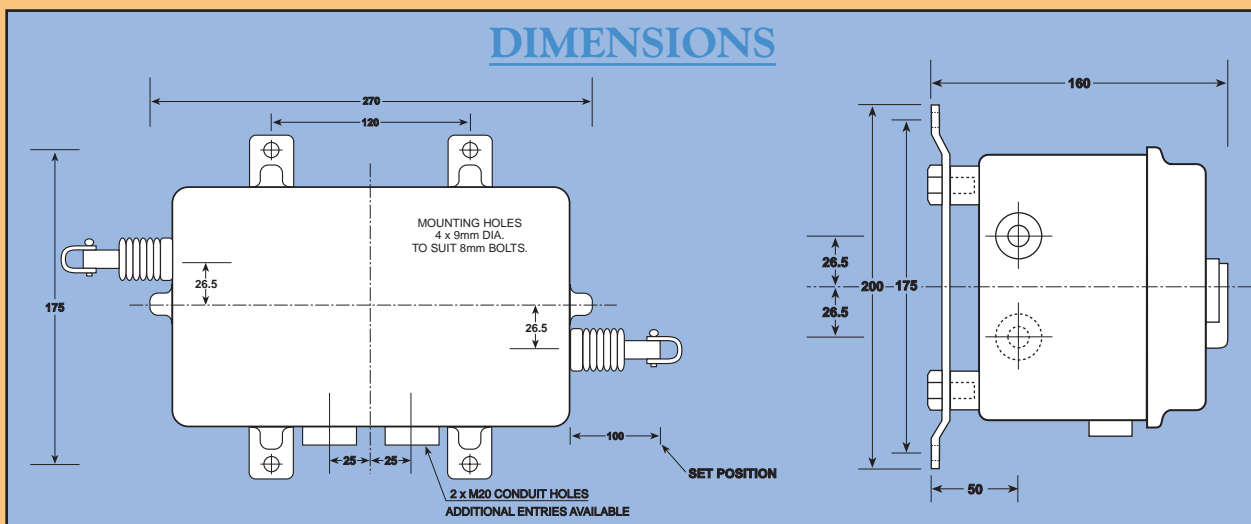
To comply with AS 1755 - 2000 Clause 2.7.9.1 (f). A matched compensation spring must be fitted to the remote end of the Pull Wire to allow tripping in both directions.

## INSTALLATION

One centrally mounted switch for every 200m of pull wire. Consult AS 1755 - 2000 for mechanical installation.

## 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 STP-MC  
 With 316 stainless steel mounting feet STP-MB

Add to above Cat No. for variations:

2 NO and 2 NC contacts -2  
 3 NO and 3 NC contacts -3  
 4 NO and 4 NC contacts -4  
 External signal flag -F  
 External strobe light -S + volts  
 Left hand operation only -LH  
 Right hand operation only -RH  
 Two x M20 stainless steel armoured cable glands -ACGS

Matched SS Compensation Spring STP-H60

## SPECIFICATIONS

- Enclosure – Mineral filled high impact nylon.
- U.V Stabilised
- Flame retarded ASTM.U.L94.V-O (1.6mm).
- Finished in high solids epoxy mastic coating.
- Resists splash and spillage of most hydrocarbon solvents, mild acids and strong alkali.

## ELECTRICAL SPECIFICATION

	Voltage	Resistive	Inductive
AC	125	6A	6A
	250	6A	6A
	415	6A	3A
DC	24	5A	2.5A
	60	1.5A	1.5A
	220	0.3A	0.3A

\* Initial contact resistance 25 milli. Ohms. or less

Manufactured in Australia by:

**Electric Control**  
 PRODUCTS

Unit 2,  
 172 Beringarra Avenue,  
 Malaga WA 6090

Telephone: (08) 9249 1044

Facsimile: (08) 9249 2202

**Power Control**  
 PRODUCTS

Unit 3, 8 Hayden Court, Myaree WA 6154  
 Phone (08) 9317 4322, Fax (08) 9317 4465

PUB. No. STP-M-2004

# PULL WIRE SWITCH