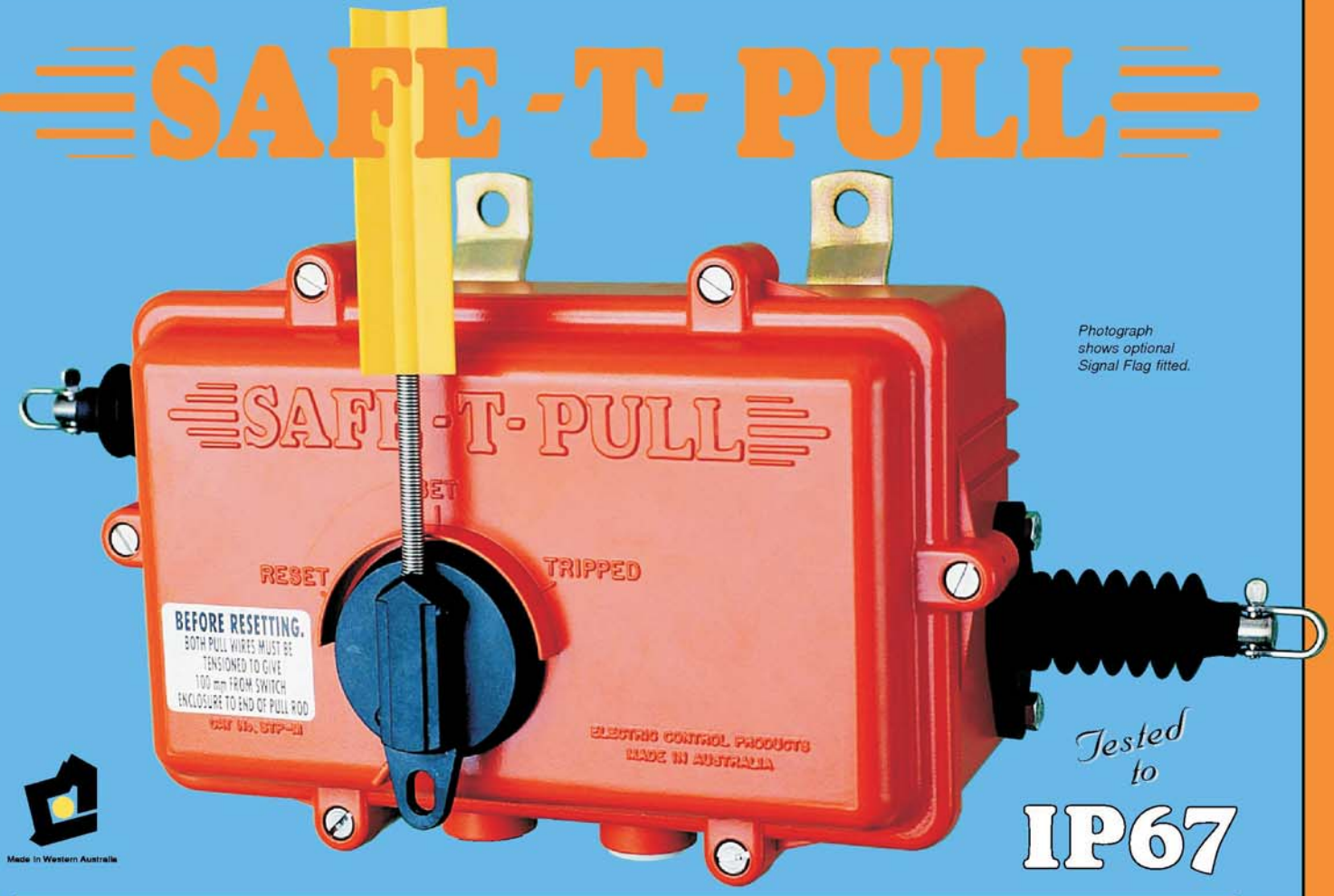
SAFE-T-PULL



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.

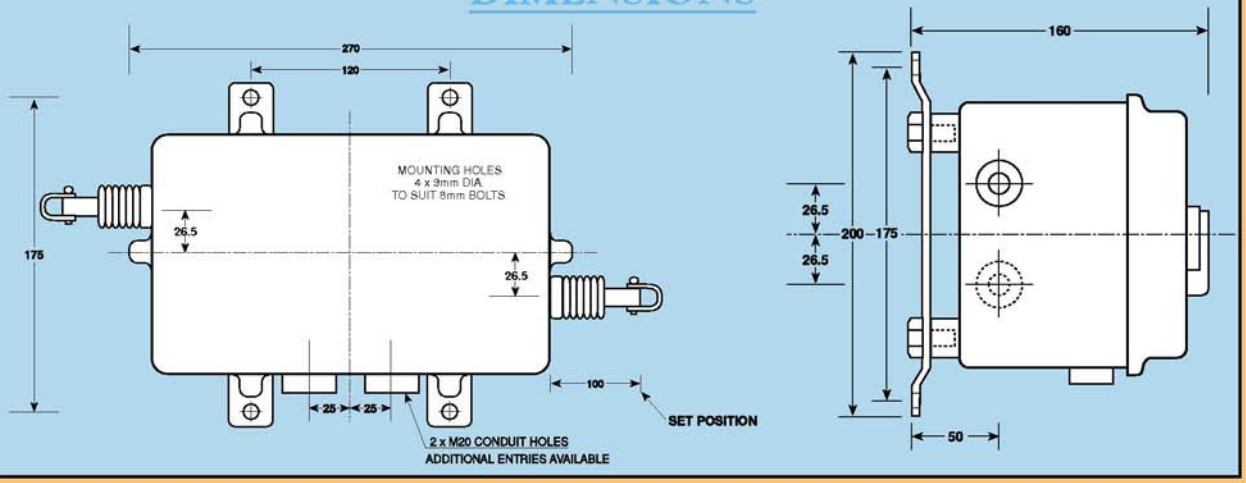
INSTALLATION

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.

DIMENSIONS



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.UL94.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*

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PULL WIRE SWITCH