

The =**COLLIDE** · **SAFE** switch is a IP67 rated Fail Safe Anti Collision Switch or Emergency Stop Switch. The switch body is made from High Impact UV Stabilised PBT / PC non corrosive material, which is resistant to splash and spillage of most hydrocarbons, mild acids and strong alkali. All external steel fittings are 316 Stainless Steel. The =**COLLIDE** · **SAFE** is activated by pulling the Wire Rope in any direction or the Wire being cut or removed. The Wire Rope can be up to 50m long, depending on the application. The =**COLLIDE** · **SAFE** has a removable Socket assembly, so if the Wire is pulled too far, then the Socket comes off leaving the Switch in a safe and unbroken condition. The =**COLLIDE** · **SAFE** Socket assembly has a Tether Point for easy Wire retrieval and Socket resetting.

The #COLLIDE-SAFEis designed to be Fail Safe.It will trip when:1. The wire is pulled
2. The wire is cut or removed3. The wire is over tensioned
4. A manual trip via the Reset Knob

The Micro switches fitted are S.P.D.T. switches either Positive Break or Snap Action. The **COLLIDE-SAFE** can be used as an over height switch for vehicles, trains or used on a Stacker/Reclaimer so the operator is alerted that the stucture is going to hit the stock pile. The **COLLIDE-SAFE** comes with different Socket Assemblies for different applications.

COLLIDE-SAFE

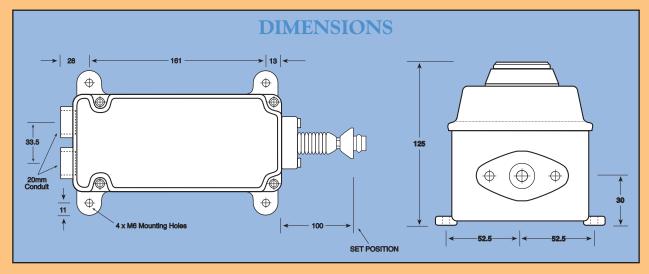
≡COLLIDE-SAFE≡

VARIAIONS

- Max three S.P.D.T Positive Break or Snap Action micro Switches.
- External signal flag.
- Socket assembly with two Sockets.

SWITCH SETTINGS

Tension the wire so the Pull Rod is extended out to the "Set Position", which is 100mm between the body of the switch to the face of the socket attachment plug.



ORDERING DETAILS

Standard Switch with 1 x S.P.D.T. forced open......**CS-P** Trip Contact and 10m Wire Rope kit.

Standard Switch with 1 x S.P.D.T. forced open........**CS-P-2** Trip Contact, 1 x S.P.D.T. Snap Action alarm contact and 10m Wire Rope kit.

Standard Switch with 1 x S.P.D.T. forced open....... CS-P-3 Trip Contact, 1 x S.P.D.T. forced open alarm contact and 10m Wire Rope kit.

Standard Switch with 1 x S.P.D.T. forced open....... CS-P-4 Trip Contact, 2 x S.P.D.T. Snap Action alarm contacts and 10m Wire Rope kit.

Standard Switch with 2 x S.P.D.T. forced open....... CS-P-5 Trip Contact, 1 x S.P.D.T. Snap Action alarm contact and 10m Wire Rope kit.

Standard Switch with 2 x S.P.D.T. forced open........**CS-P-6** Trip Contact, 1 x S.P.D.T. forced open alarm contact and 10m Wire Rope kit.

10m Wire Rope kits with Socket, 3 Rope Grips, 5mm Stainless Steel eye/eye Turnbuckle, M6 x 40 Stainless Steel Eye Bolt and PS-60 Compensation Spring.

Manufactured in Australia by:

Unit 2, 172 Beringarra Avenue, Malaga WA 6090

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www.safe-t-products.com.au

ENCLOSURE SPECIFICATIONS

- High Impact PBT/PC non Corrosive Material.
- UV Stable (see Valox Specs Sheet).
- Flame retardent ASTM:UL94-V0 (1.6mm) Resist splash and spillage of most Hydrocarbon Solvents, mild Acids and strong Alkali (see Valox Specs Sheet).

ELECTRICAL SPECIFICATIONS

| Switch No. | Туре | Voltage | Current | Mechanical Endurance | Operating Temp. |
|------------------|--|--------------|----------|--------------------------------|-----------------|
| CS-P (SW1) | SPDT Forced Open Snap Action Silver Alloy Type | 250v | 6A | 1.5 million Operating Cycle | -25°C to 85°C |
| CS-P-2 (SW1) | | | | | |
| CS-P-3 (SW1/2) | | | | | |
| CS-P-4 (SW1) | | | | | |
| CS-P-5 (SW1/2) | | | | | |
| CS-P-6 (SW1/2/3) | | | | | |
| | | | | | |
| Switch No. | Туре | Voltage | Current | Mechanical Endurance | Operating Temp. |
| CS-P-2 (SW2) | SPDT Snap Action | 125v 250v | 5A 3A | 30 million Operations | -25°C to 85°C |

Sold by:

CS-P-5 (SW3)

Type

PUB.

COLLIDE-SAFE