



**Electroflame** (PTY) LTD

Design | Manufacture | Supply  
Ex Equipment



**Mining**

## Block Chute

### Application

The Blocked Chute Detector is a sensing device used to detect coal blocking a chute feeding onto a conveyor belt. The unit is hung directly inside the chute above the normal path of the falling coal. When the coal blocks the chute and begins to build up the detector will be tilted and the internal electrical contact opened.

### Construction

The unit consists of a machined mild steel housing with a solid rod attached to one end and a 800mm hanging chain to the other end. Inside the housing is a sensor with a normally closed contact that will detect when the unit is tilted in any direction.

A 5 meter screened cable is attached to the tilt switch.

# Technical Data



## Certification

- Ex ta IIIC T85°C Da

IA Number: MASC S/17-2022X

## Electrical Specification

- Normally closed contact rated at 6A at 240VAC
- Contact angle is 30 degree  $\pm$  5 degree

## Order Information

### Part Number

- AMBCD-001

## Dimensions

