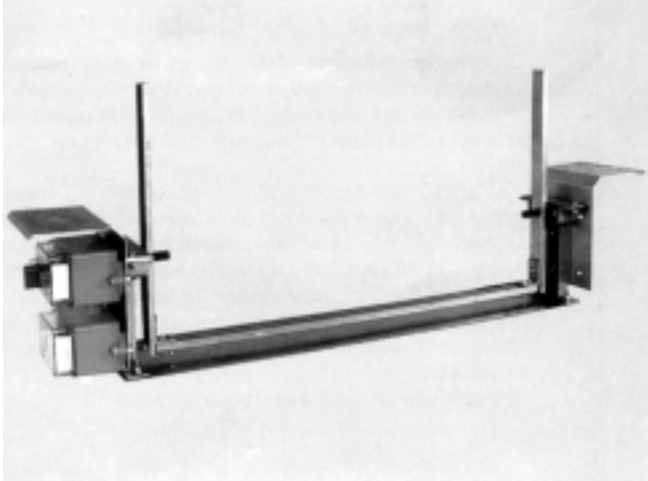


Belt Protection

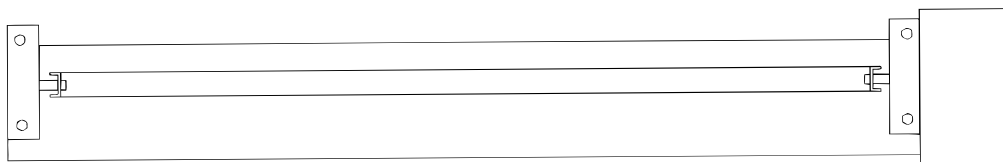


CTS 700 BL

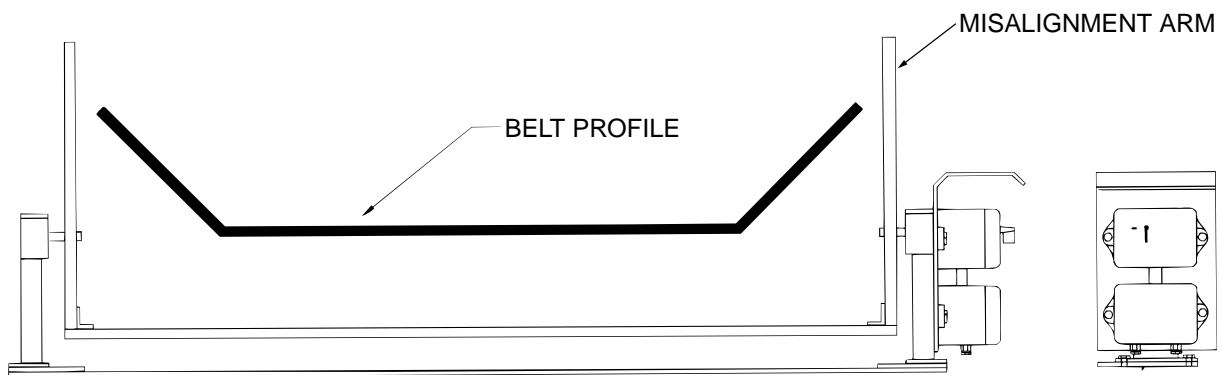
Troughing Belt Misalignment Detector

Misalignment of the troughing belt is detected by two (2) upright arms, which are connected to an electrical switch through the use of a glass-reinforced polycarbonate coupling.

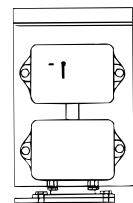
If the belt misaligns in either direction, to the extent it could cause damage to the belt or the conveyor structure, it will contact one of the upright arms. Once the belt has contacted the arm, it will tilt in the direction of the moving belt and activate the switch. The switch coupling mechanism is designed to provide an adjustable mechanical delay in order to prevent false trips.



TOP VIEW



SIDE VIEW



END VIEW

Specifications:

Enclosure: I.P. 66

Housing: High Impact Polycarbonate

Switch: Rated 16A/500V
(2 normally open and 2 normally closed contacts)

Covered under one or more of the following patents:

4,202,437, 4,231,471, 4,436,446, 4,489,823, 4,533,036, 4,779,716, 4,877,125, 4,989,727, 5,149,305, 5,222,588, 5,222,589, 5,219,063, 5,350,053, 5,725,083, other patents pending.