

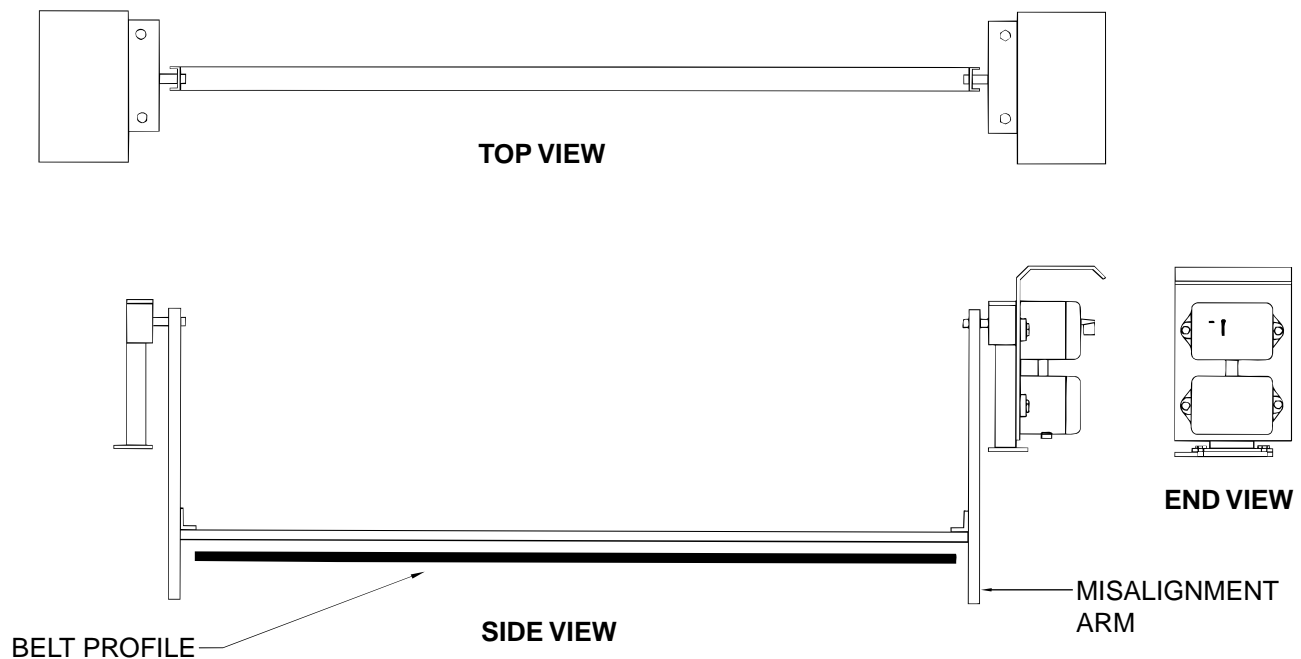
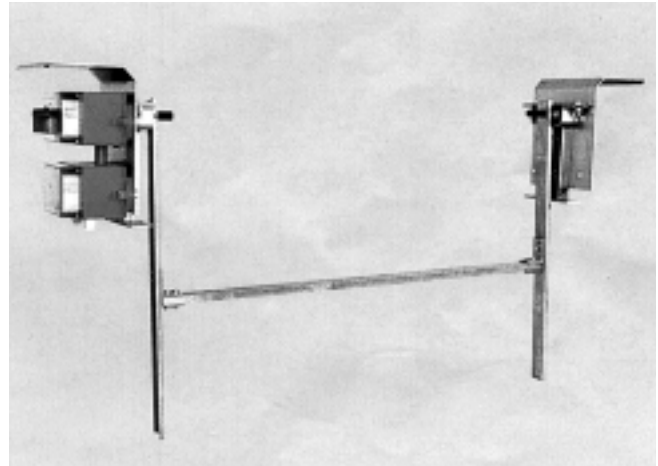
Belt Protection

CTS 700 RBL

Return Belt Misalignment Detector

Misalignment of the return belt is detected by two (2) downcast 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 downcast 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.



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.