Two downcast arms connected to an electrical switch detect belt misalignment in either direction before damage occurs to the belt or conveyor structure.

- Two downcast arms connected to an electrical switch through a glass-reinforced polycarbonate coupling.
- If the belt misaligns to the left or right to the extent of possible damage to belt or structure, it will contact one of the downcast arms.
- A contacted arm will tilt in direction of moving belt and activate the switch.
- Switch coupling mechanism is designed to provide an adjustable mechanical delay to prevent false trips.
- **Additional Specifications:**
  - Enclosure: I.P. 66
  - Housing: High Impact Polycarbonate
  - Switch: Rated 16A/500V (2 normally open and 2 normally closed contacts)

**WHO IS ARCH ENVIRONMENTAL?**
Manufacturer and worldwide distributor of preferred bulk conveyor components since 1975.

**MECHANICAL DIVISION**
- Belt Cleaners • Belt Alignment • Sealing Systems
- Dust Control Systems • Impact/Slider Systems

**ELECTRICAL DIVISION**
- Belt Scales • Metal Detectors • Pull Cord Switches
- Belt Protection Devices • Conveyor Control Systems

800.553.4567  www.archenv.com
CTS 700 RBL® RETURN BELT MISALIGNMENT DETECTOR

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

Note: If available, prices vary with options.