



## Conveyor And Crane System Safety Solutions

### Max-Switch Pull Cord Switch

### Series MX-403

**Emergency stoppage for conveyor, bucket elevator, windmill generator, etc.**

- Unique toggle type mechanism provides snap action and local manual reset for models MX4031/4032/4036.
- Cam type actuation for model MX4035 with 1-0-1 operating positions.
- Operating lever carries rings for convenient pull cord termination.



### Max-Switch Belt Sway Switch

### Series MX-402

**Protection against irregular traveling, swaying or mis-alignment of conveyor.**

- Ball or bush bearing options for roller or cam shafts.
- Wide overtravel of the roller permissible without damaging the switch element.
- Robust spring to absorb impact from belt and effect quick self resetting.



### Max-Switch Heavy Duty Limit and Toggle Limit Switch

### Series MX-404 & MX-401

**End position monitoring of gantry crane, divertor, etc.**

- Ball or bush bearing options for cam shafts.
- Wide over travel of the roller permissible without damaging the switch element.
- Robust spring to absorb impact from actuating mechanism and effect quick self resetting.



## Max-Switch Rotary Cam Limit Switch Series MX-407



Programme or position control of hoist, crane, furnace door, wagon tipper, etc.

- Ball bearing mounted cam shaft.
- One contact element (1No+1NC) per cam.
- All cams independently adjustable.
- With or without built on gear reducer.
- Models up to 12 cams available.

## Max-Switch Zero Speed Switch

Series MX-1011  
Series MX-3011

Under speed or over speed monitoring and sequencing of conveyor.



## Max-Switch Belt Loading Monitor

Series MX-4311



To monitor under or over speed and to detect loading on conveyor.

- Ball bearing mounted roller shaft.
- Actuation speeds from 30-3000 RPM in 6 ranges.

## Others

### Max-Switch De-Interlocking Switch

Series MX 406

- Local or sequential selection of conveyor operation.

### Max-Switch Vibration Monitor Series

MX 601

- Protection of reciprocating and rotating machinery against damage due to excessive vibration.

### Max-Switch Tilt Switch

Series MX 501

- Protection against over flowing in chute, hopper, etc.

### Max-Switch Belt Snap/Rupture Detector

Series MX 6057-07/CA

- Belt rupture sensing device capable of detecting falling material of size 50 mm or greater.

### Max-Switch Magnetic Detector

- Self-cleaning & manual-cleaning permanent & oil-cooled electro magnets, lifting, magnet, eddy current separator, wet drum separator, metal detector, plate magnet, magnetic grid, magnet sweeper, magnet bar, magnet rod, etc.

## Construction Features ( Safety Switches )

- Switches available in Cast Aluminum/Cast Iron enclosures in standard as well as Flame-proof execution.
- Switches are also available in Industrial Polymer Enclosure to suit Chemical/Fertilizer/Saline (Seashore) environment.
- Metallic enclosures are epoxy painted by electrostatic powder coating technique.
- Effective sealing provided by specially designed Nitrile Rubber gaskets for the covers and shaft entries to ensure IP65 grade of protection.
- SS screws captive in covers to ensure proper re-tightening after opening for inspection/wiring, etc.
- Built-in terminal box for sophisticated models, incorporating molded stud type terminals for wiring/looping.
- Silver-Cadmium alloy tipped contacts with wide contact separation.
- Threaded cable entries to suit single/double compression type cable glands. (Cable glands on special request at extra cost.)

CEMAX Engineering Sdn. Bhd. (671251-H)

A-305 & A-306, 3rd Floor, Block A, Kelana Square, No. 17, Jalan SS7/26, Kelana Jaya, 47301 Petaling Jaya, Selangor, Malaysia.

(t): +603-7492 3800

(f): +603-7492 3801

(e): info@cemax.com.my

(w): www.cemax.com.my