

# U.S. TSUBAKI SHOCK RELAY

# U.S. Tsubaki Shock Relay - the Electronic Shear Pin!



## Protect your equipment and your investment with the U.S. Tsubaki Shock Relay.

Unexpected shock loads – overloads and underloads – can damage chains, drives, gears, turbines – the entire mechanical assembly. That means high maintenance, costly repairs and expensive downtime.

Mechanical devices like shear pins and torque limiters don't provide enough protection. They are just not reliable.

### Electronic Shock Relay from U.S. Tsubaki Acts before the Damage Occurs

These accurate, adjustable devices can determine if the equipment is operating properly. If the Shock Relay detects a problem, it shuts down the line – fast, safe and secure. That means big savings in time and money for you or your customers.

### Reset at the Touch of a Button

After the problem is corrected, the Shock Relay can be reset at the touch of a button. No teardown is required. That means improved efficiency and reduced downtime.



- Accurate Protection
- Repeatable Performance
- Rapid, Easy Reset
- Quick Installation
- Wide Range of Applications
- Easy Selection

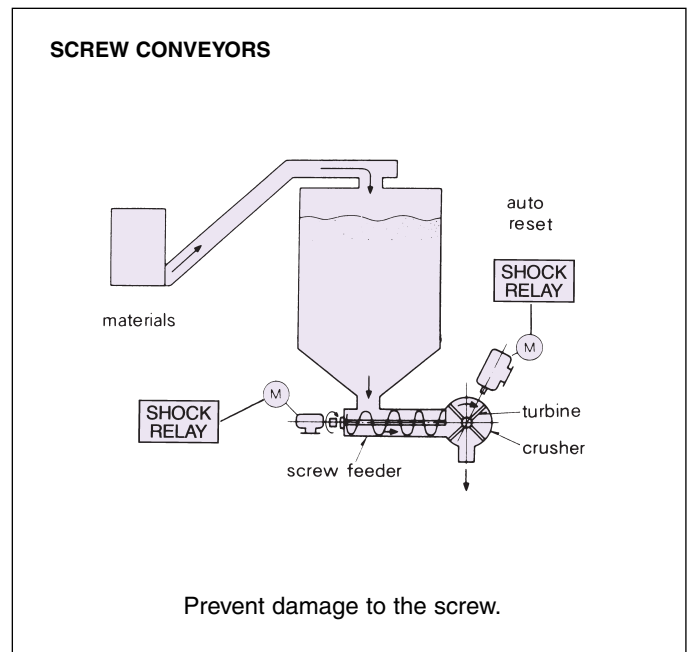
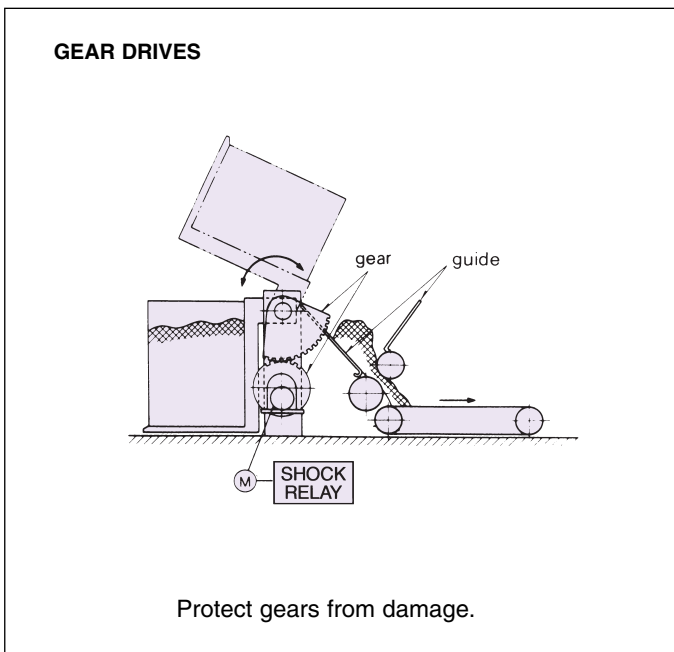
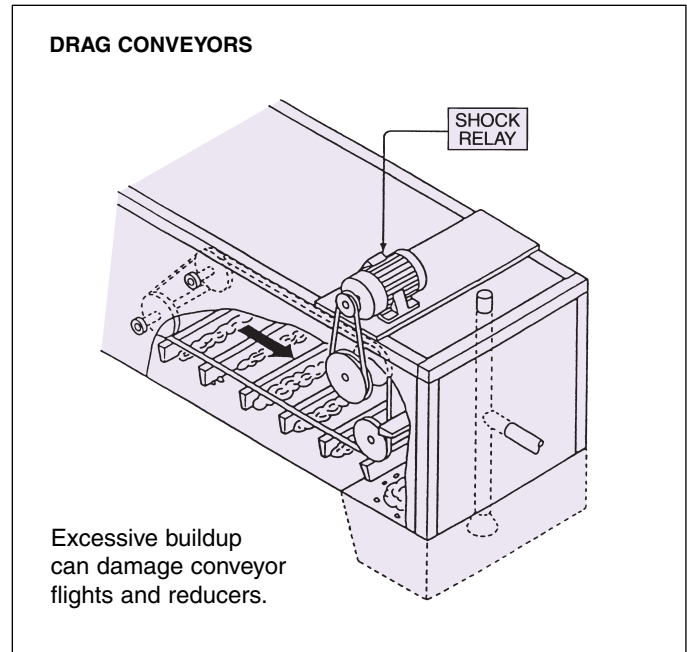
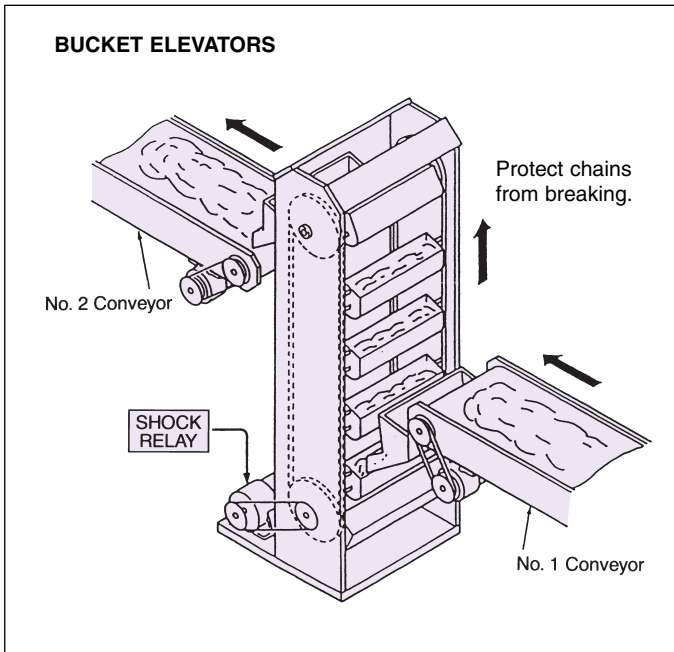


Features	U.S. Tsubaki Shock Relay	Mechanical Device
Stability of operation	excellent	poor
Accuracy of operation	excellent	unsatisfactory
Adjustment of operational range	simple	difficult
Fine adjustment	yes	no
Reset	only push the "RESET" button	considerable time and labor is required
Selection	simple	new design for each application required
Life cycle	long	short
Threshold point	low	high

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## U.S. Tsubaki Shock Relay

Invented by U.S. Tsubaki, the Shock Relay is a precise electronic protector that adapts to virtually all types of equipment driven by an electric motor. The Shock Relay is installed on applications in the Material Handling Industry, Water Treatment Industry, Food Processing Industry, Agriculture Industry, Machine Tool Industry, Chemical Industry, and others.

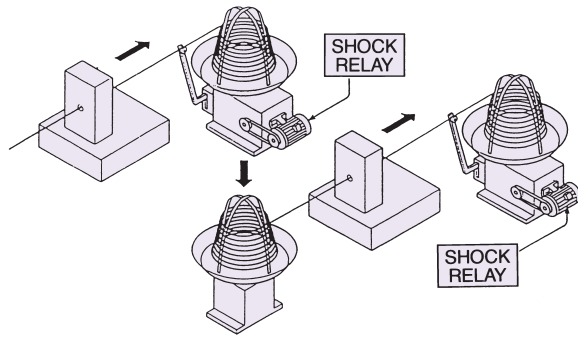


D - PT COMPONENTS

# Protects Your Application!

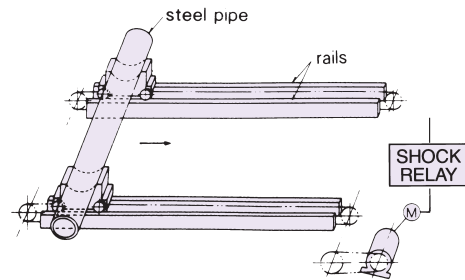
- **Material Handling**  
Conveyors, Turntables, Elevators
- **Water Treatment Plants**  
Pumps, Scrappers, Water Screens
- **Food Machinery**  
Pumps, Agitators, Mixers
- **Agriculture**  
Screw and Belt Conveyors, Bucket Elevators
- **Machine Tool**  
Tapping Machines, Drill Press
- **Chemical Industry**  
Pumps, Agitators, Packagers

## WINDING APPLICATIONS



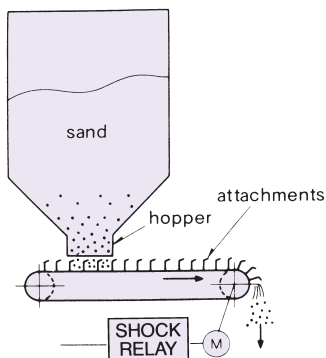
Sense excessive torque and shut off the equipment prior to damage occurring.

## CONVEYOR APPLICATIONS



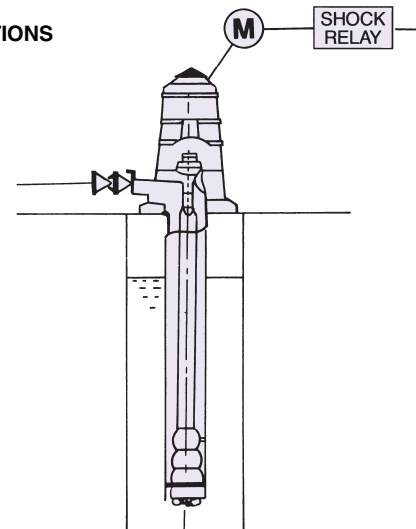
Detect damaging overloads that lead to downtime.

## CHAIN FEEDERS



Protect attachments from damage.

## PUMP APPLICATIONS



Protect pump from both overloads and underloads.