



## Hazard Monitoring Systems

KC Supply offers an extensive range of CSA / ATEX / CE approved hazard monitoring systems specifically designed for bucket elevators and conveyors in dust hazard environments. KC Supply can recommend the ideal system to suit your requirements and budget.



### HazardMon.com®

- Secure Cloud Based Hazard Monitoring
- Integrates with Watchdog™ Super Elite & T500 Elite Hotbus™
- Real Time System Status & Alert Email Notifications
- Data logged Automatically
- Automated Maintenance
- View on Any Web-Enabled Device



### T500 Elite Hotbus™

- Designed for Multiple Elevator Legs or Conveyors
- Monitors: Belt Speed, Belt Alignment, Bearing Temperature, Pulley Alignment, Bin/Silo Level Indication & Plug Conditions
- Serial Network System, Accepts Inputs from 256 Sensors
- LCD Displays System Status
- HazardMon.com Cloud Based Monitoring



### Watchdog™ Super Elite

- Designed for One Elevator Leg or One Conveyor
- Monitors: Belt Speed, Belt Alignment, Bearing Temperature, Pulley Alignment & Plug Conditions
- PLC Communications (Modbus TCP/IP)
- Event & Alarm Logging
- HazardMon.com Cloud Based Monitoring



### Watchdog™ Elite

- Designed for One Elevator Leg or One Conveyor
- Monitors: Belt Speed, Belt Alignment, Bearing Temperature, Pulley Alignment & Plug Conditions
- Fully Programmable via Front Panel Touch Buttons
- LCD Displays System Status & Belt Speed
- Logging & Trending Software Available



# 1.800.KC.SUPPLY



**KC SUPPLY**

Knowledgeable Customer Service

[www.kcsupply.com](http://www.kcsupply.com)

1.800.527.8775

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### T400N Elite Hotswitch

- Bearing & Surface Temperature Monitor
- Monitors up to 8 NTC Type Temperature Sensors
- 2 Separate Alarm & 2 Separate Stop Relays
- Status LEDs Show Location of Sensor Alarm
- Short / Open Circuit Fail-Safe Detection
- Test Feature for Simple System Testing



### A400 Elite Trackswitch

- Bucket Elevator Belt Alignment Monitoring
- Uses up to 4 WDA Magnetic (Reluctance) Alignment Sensors
- Monitor Two Bucket Elevators or Top & Bottom of One
- 2 Separate Alarm Relays
- 2 Separate Stop Relays
- Push Button Testing Feature



### B400 Elite Beltswitch

- Bucket Elevator or Conveyor Belt Alignment Monitor
- Uses up to 4 Touchswitch Alignment Sensors
- Monitor Up To Two Bucket Elevators or Belt Conveyors
- 2 Separate Alarm Relays
- 2 Separate Stop Relays
- Push Button Testing Feature



### X400 Elite Alarmswitch

- Centralized Alarm Monitoring for up to 8 Zones
- Multiple Alarm Inputs from Different Sensors
- LED Alarm Indication
- Alarm Mute - Reactivation on New Alarm
- Push Button Testing Feature
- Optional PLC Board

Approvals:

