

## Kinder Tilt Switches

**Reliable – Economical - Robust**

**Oil Snap Action Tilt with Time Delay or Mercury Instantaneous Switch**

**Kinder Tilt Switches** are used for high bin level indication, plugged conveyor transfer or chute point detection, crusher bowl control, conveyor loss of feed indication, conveyor belt drift indication and boom and stacker height regulation. They can be used as a “stand alone” micro switch operation with built-in time delay.

### Key Features:

- IP66/IP68 rated
- High Bin level indication and/or control
- Plugged conveyor transfer point detection
- Plugged chute detection
- Crusher bowl level indication and/or control
- Conveyor loss of feed indication and/or control
- Boom stackers
- Radial stackers
- Magnetic internal slug
- IP68 Gland cable entry
- Earth body
- Body material CPVC
- Stainless Steel hanger
- 1” BSP socket
- Ex version available
- **Custom application available, contact Kinder.**



<https://kinder.com.au>

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Issue: 202102


### Kinder Australia Pty Ltd

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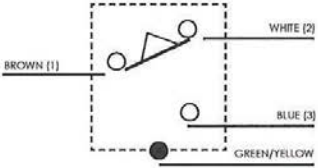
# Kinder Tilt Switches



365 mm nominal


**Model No's:**  
XTSKD-6  
XTSKDHD-6

**Wiring Diagram**



Shown with switch in vertical position

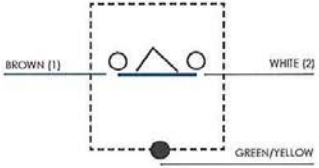
Switch Mode	Vertical – brown (1), white (2) closed
	Tilted – brown (1), blue (3) closed



295 mm nominal

**Model No's:**  
XTSKI-6  
XTSKIHD-6

**Wiring Diagram**



Shown with switch in vertical position

Dimensions	Contact Rating		Time Delay	Temp. Rating	Operating Angle	IP Rating	Cable	Description	Part Number
	Voltage	Current							
Dia. 42mm Length 365mm	24VDC	4A	Approx 1-2 seconds	Max 90 Deg. C	Approx. 20 deg from vertical	IP66/IP68	Standard 6 metre	Snap Action Tilt with Time Delay	K-XTSKD-6
	240VAC	7A							
Dia. 42mm Length 365mm	24VDC	4A	Approx 1-2 seconds	Max 90 Deg. C	Approx. 20 deg from vertical	IP66/IP68	Heavy Duty 6 metre	Snap Action Tilt with Time Delay	K-XTSKDHD-6
	240VAC	7A							
Dia. 42mm Length 295mm	24-60VDC	1-0.8A	Instant	Max 90 Deg. C	Approx. 20 deg from vertical	IP66/IP68	Standard 6 metre	Mercury Instantaneous Switch	K-XTSKI-6
	110-240VAC	1.5-0.8A							
Dia. 42mm Length 295mm	24-60VDC	1-0.8A	Instant	Max 90 Deg. C	Approx. 20 deg from vertical	IP66/IP68	Heavy Duty 6 metre	Mercury Instantaneous Switch	K-XTSKIHD-6
	110-240VAC	1.5-0.8A							



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