

## RETRACTABLE CHUTE WITH LIMIT SWITCH

Part Number: 25632

### DESCRIPTION:

This option provides control for a “single action” retractable charging chute on a central mix plant. Hardware interlocks are used to control the movement of the mixer and the retractable chute.

### OPERATION:

#### *Automatic*

- The Chute Extend output is enabled by pressing the latching button on the manual station. If the mixer is at the right limit and is ready to be charged, the chute extends into the mixer charging point.
- After all materials have been discharged into the mixer, the batching system turns on the Chute Retract signal. The mixer will not tilt or right until the chute is at the retracted limit.

#### *Manual*

- The chute may be extended if the mixer is at the right limit by pressing the Chute Extend (latching) button on the manual station.
- The chute may be retracted by pressing the Chute Retract (latching) button on the manual station, or by deactivating the Chute Extend button.

### SYSTEM REQUIREMENTS:

- Chute Extend – an unassigned pushbutton on the manual station
- Chute Retract – an unassigned location on the manual station
- Chute Retracted – an unassigned pushbutton or LED on the manual

### IMPLEMENTATION:

- Configure manual station pushbuttons.
- Install Opto modules in the correct positions and configure jumpers.
- Wire relay and other hardware interlocks in J-Box.
- Write activates to manual station firmware.

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