

WET/DRY DIVERTER CONTROL

Part Number: 23854

DESCRIPTION:

This option provides the ability to automatically discharge materials into a central mixer, or directly into a truck. The discharge destination is determined by sequence codes.

OPERATION:

Automatic

- When a wet batch is started, the Divert to Wet output is turned on (if the diverter is not being used for a dry batch). When the Divert at Wet limit is true, materials are discharged into the mixer based on the discharge sequence configuration. The Divert to Wet output remains on until all materials have been discharged into the mixer.
- When a dry batch is started, the Divert to Dry output is turned on (if the diverter is not being used for a wet batch). When the Divert at Dry limit is true, materials are discharged into the truck based on the discharge sequence configuration. The Divert to Dry output remains on until all materials have been discharged into the truck.

Manual

- The Divert to Wet output is turned on when the button is pressed on the manual station. The output remains on until the button is pressed again (latch button).
- The Divert to Dry output is turned on when the button is pressed on the manual station. The output remains on until the button is pressed again (latch button).

Note: In some cases, the “Divert to Dry” output is on when the “Divert to Wet” output is not on, and vice-versa. However, limit switches are still required to ensure that the diverter is in the correct position.

SYSTEM REQUIREMENTS (Maximum):

- Divert to Wet – an unassigned pushbutton on the manual station.
- Divert at Wet – an unassigned pushbutton or LED on the manual station.
- Divert to Dry – an unassigned pushbutton on the manual station.
- Divert at Dry – an unassigned pushbutton or LED on the manual station.

IMPLEMENTATION:

- Install the Opto modules in the correct slots in the J-Box.
- Configure the Diverter buttons (limits may not be located on a pushbutton).
- Configure Sequences.

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