

Colibri One Pulse Relay Action

Overview

This document gives information about the One Pulse Relay Action enhancement in the Colibri rules engine. (Colibri Console Software 1.6.3) See Technical Bulletin TB0112-3 for more information on the 1.6.3 release.

Description

The Colibri Console Software Release 1.6.3 now contains an enhanced relay programming feature within the Rules Engine. This “One Pulse” feature allows for greater overall flexibility in the operation and control of the programmable relays, allowing each relay to be “pulsed” once (activated/deactivated) for up to five seconds. This “One Pulse” feature should be used when programming a Colibri for overfill alarms when using the TS-RK Remote Acknowledgment Switch.

The previous method for programming a Rule to control a relay connected to a TS-RK was to set one Action to activate the relay followed by a second Action to deactivate it. The increased processor speed of the Colibri required a new option for proper operation. The “One Pulse” feature accomplishes this, and also eliminates the need for a second Action in the High level Overfill rule. The “One Pulse” feature is now the recommended method for all consoles using this application.

Rule Setup Example-One Pulse Action Programming necessary on all Colibri monitors and TS-550 Evo, recommended for all T5 Series models using TS-RK with overfill alarms)

Rule - High level Overfill		Name	High level Overfill
		Enabled	Yes
Events			
	Event	Type	Alarm Occurred
		Category	FMS
		Device	Tank
		Device ID	Any
		Code	High product level
Actions			
	Action	Type	Relay
		Module	Power Supply Module
		Channel	Overfill Alarm
		Action	One Pulse
		Duration	2

All new Colibri installs should use the programming method as shown.

- Existing Colibri installations, interfaced with a TS-RK, should be upgraded to the 1.6.3 software and reprogrammed using the One Pulse feature.