



If TRAIN 2 is on siding and TRAIN 1 is on main line, when TRAIN 1 arrives and passes DZ-1075M #1, four seconds after it passes DZ-1075M #1 the sensor will output a pulse to the DZ-2500 and cause TRAIN 1 to stop and TRAIN 2 to be powered. Then, when TRAIN 2 returns and has passed DZ-1075M #2, the sensor will delay 4 secs. and then output a pulse to the DZ-2500s that throws them to the opposite track and the relay will kill power for TRAIN 2 and apply power for TRAIN 1.

**NOTE:** The passing siding must be long enough so that the end of the train can travel 4 secs. past the DZ-1075M. This is a function of train length, siding length and train speed.