



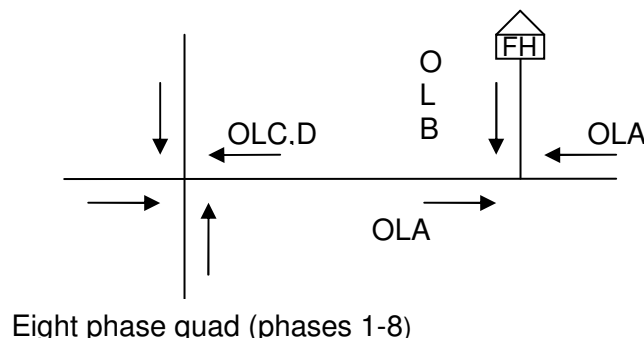
Product Type: Controllers Special Preemption Overlap Flash

Reference: AN2062
Date: March 16, 2007

EXAMPLE:

(This operation is typically used as firehouse preemption sequence)

- Overlap A is comprised of all the normal intersection phases (1-8) and flashes the green circuit through a yellow lens.
- Overlap B is comprised of the firehouse exit phase (9) and flashes the red circuit through a red lens.
- The firehouse movement is a spare phase (9) that is omitted in the cabinet.
- When the preemption sequence for the firehouse calls phase nine, the preemption sequence lifts the cabinet phase omit and allows that phase to time. The controller then exits from the normal intersection phases to phase nine. Overlap A goes solid yellow then solid red. The firehouse indication (Overlap B) goes solid red then flashing green. When exiting back to normal operation, overlap B goes solid yellow then solid red before both overlaps returning to flashing.





Product Type: Controllers Special Preemption Overlap Flash

Reference: AN2062
Date: March 14, 2007

Program the controller as follows:

Normal 16 phase quad sequence

Enable phase 1-9 (MM-1-2)

Program Overlaps A – D (MM-2-2)

Overlap A (OLA) = Phases 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8

Overlap B (OLB) = Phase 9

Overlap C (OLC) = Phases 6 + 9

Overlap D (OLD) = Phases 1 + 9

Program Preemptor 3 (MM-4-1)

Active

Dwell phase = Phase 9

Program the Logic Processor

MM-1-8-1: Disable (“D”) LP steps 1 & 2

MM-1-8-2 Program LP steps 1-2 as follows:

LP 1

IF COB CODE ON 546
AND OVERLAP GREEN 1 IS ON

THEN SET OVLP GREEN 1 OFF
SET OVLP RED 2 OFF

LP 2

IF COB CODE ON 546
AND OVERLAP GREEN 2 IS ON

THEN SET OVLP GREEN 2 OFF

MM-1-8-1: Enable (“E”) LP steps 1 & 2

Note: 546 is 1PPS 548 is 5 PPS
547 is 2.5 PPS