

Figure 2.1: AND Gate Logic

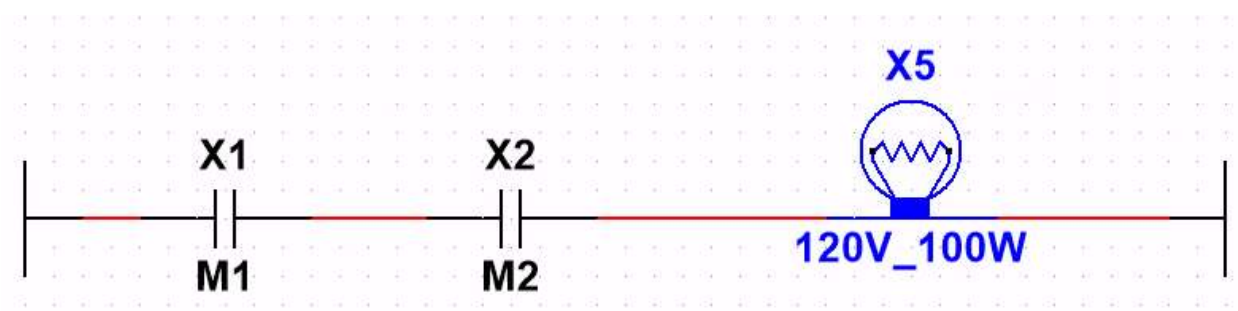
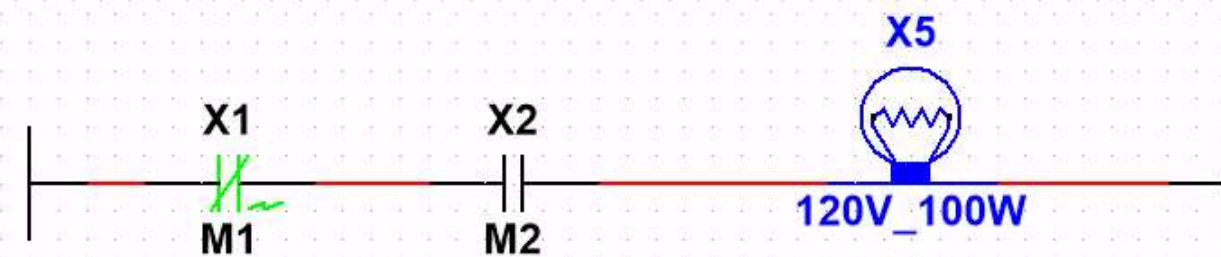


Figure 2.2: AND Gate Ladder Diagram



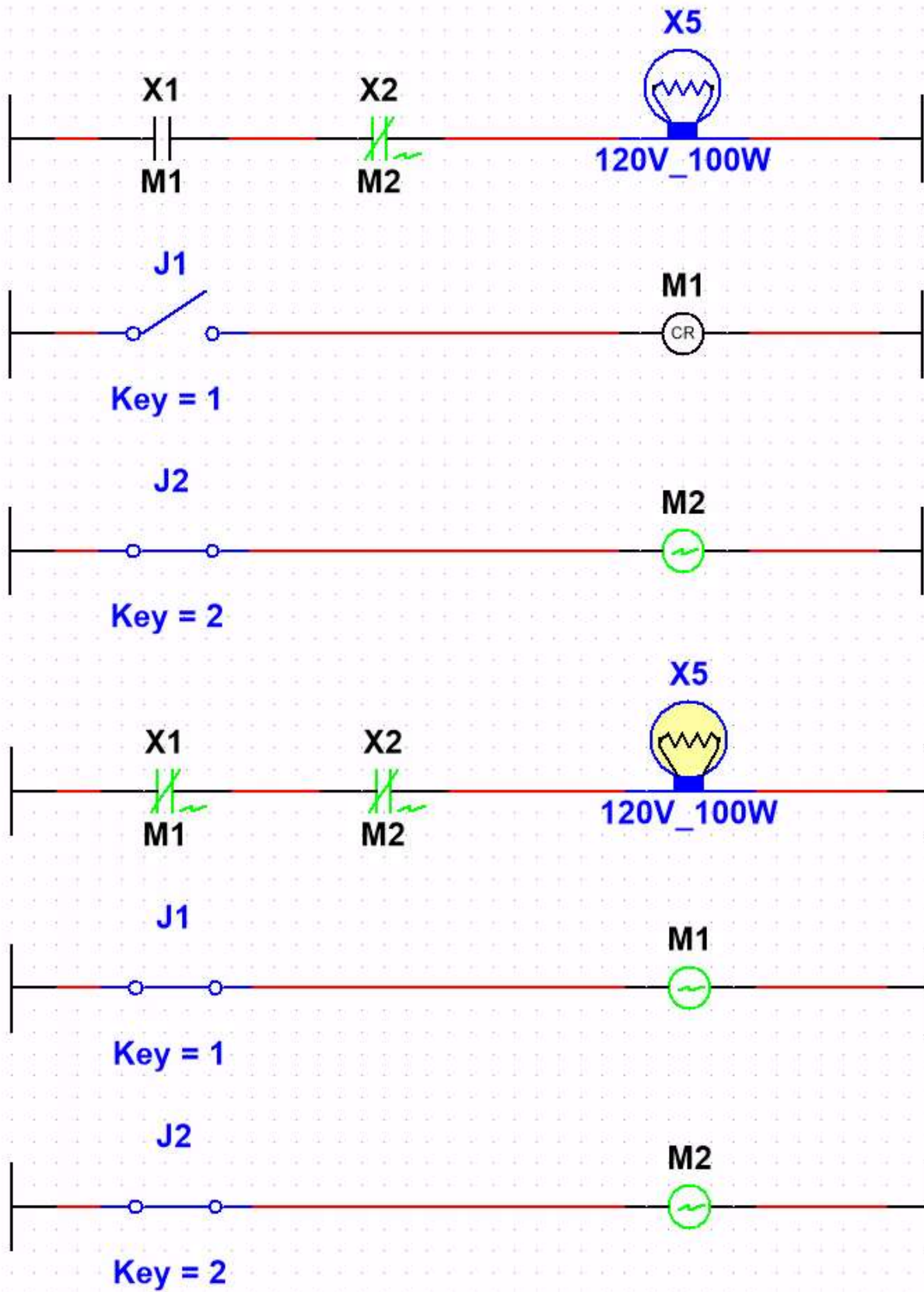
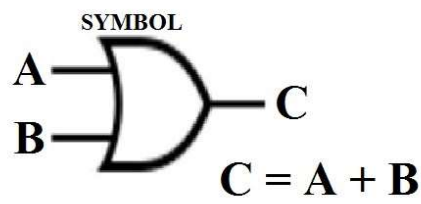


Figure 2.3: AND Gate Outputs

OR Gate



TRUTH TABLE		
INPUT		OUTPUT
A	B	A OR B
0	0	0
0	1	1
1	0	1
1	1	1

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Figure 2.4: OR Gate Logic

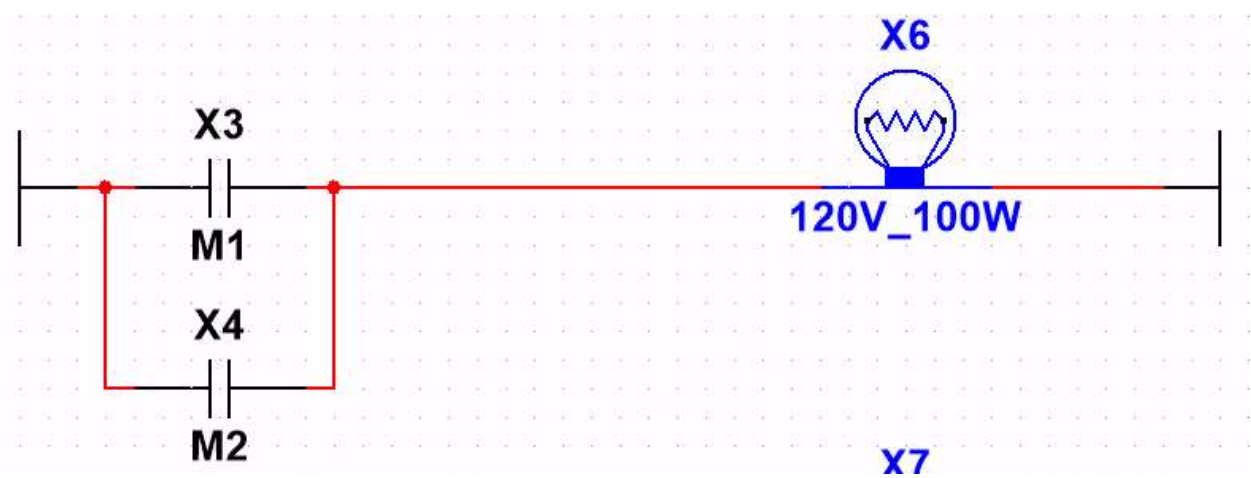
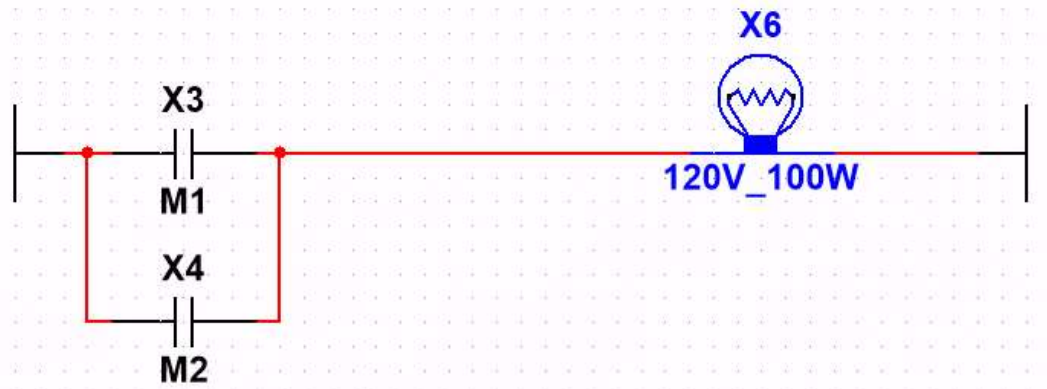


Figure 2.5: OR Gate Ladder Diagram



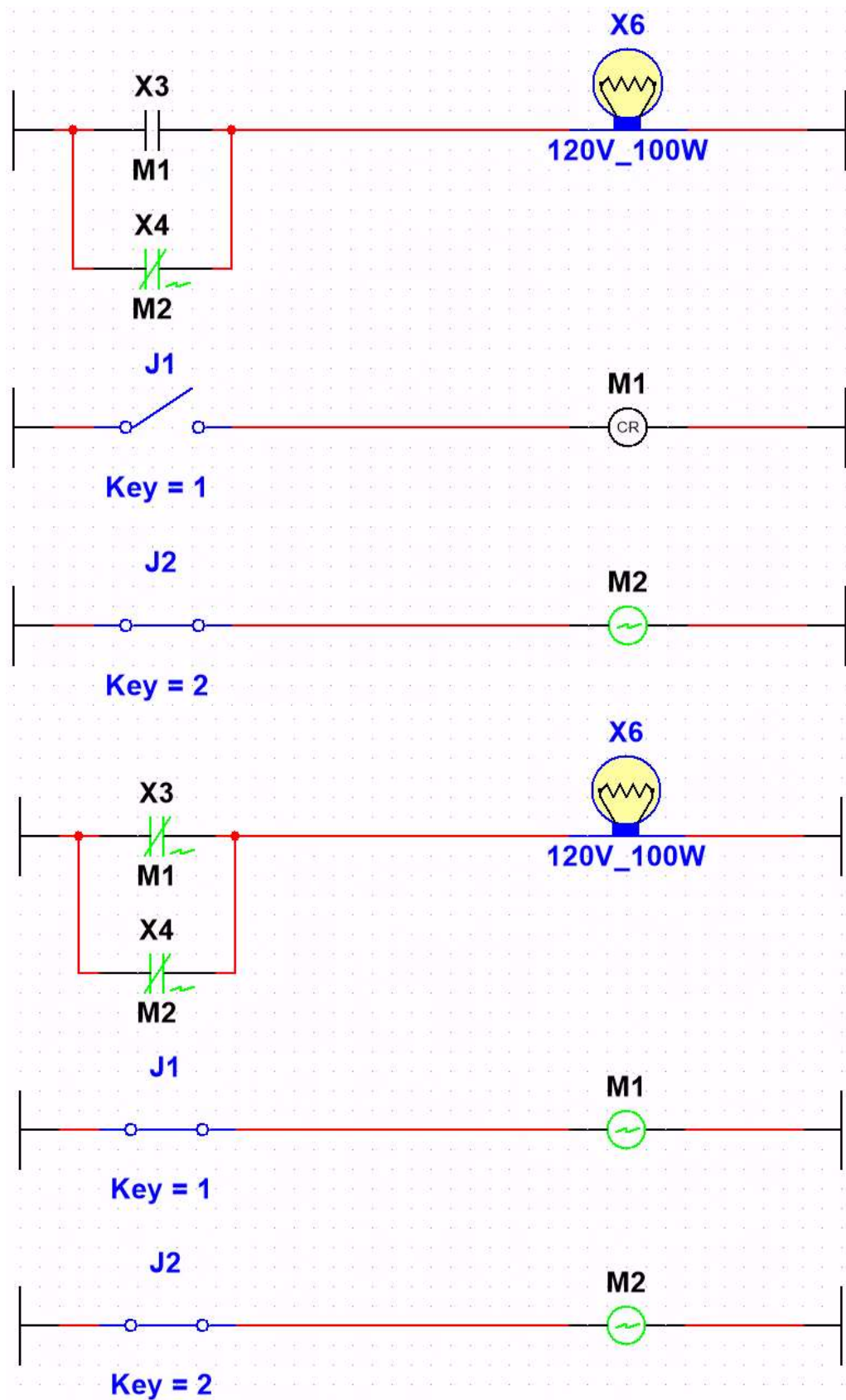
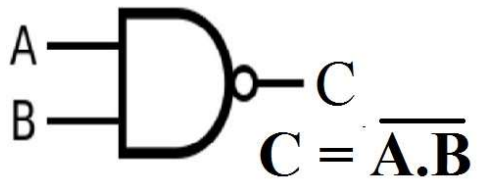


Figure 2.6: OR Gate Outputs

NAND GATE



Truth Table

INPUT		OUTPUT
A	B	A NAND B
0	0	1
0	1	1
1	0	1
1	1	0

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Figure 2.7: NAND Gate Logic

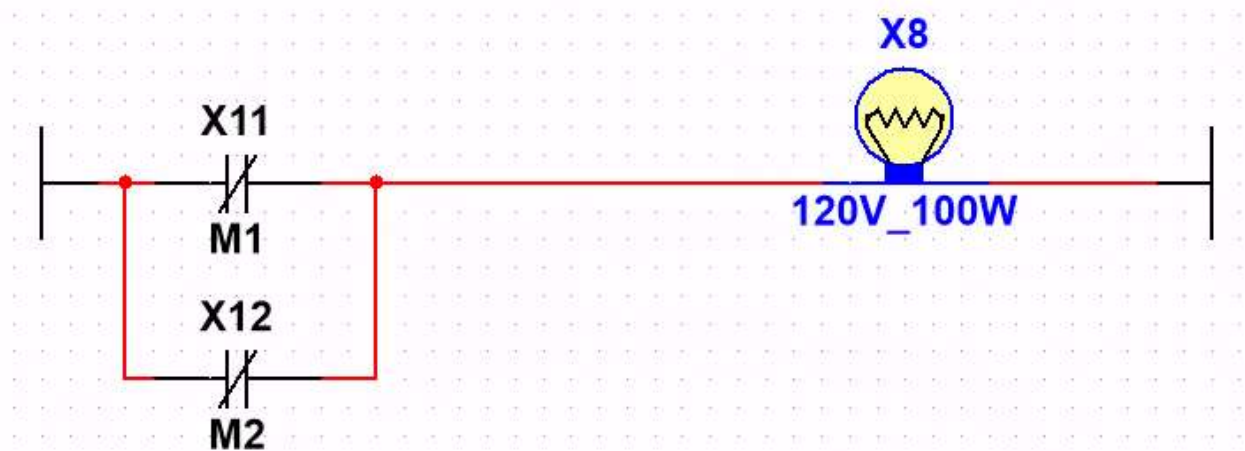
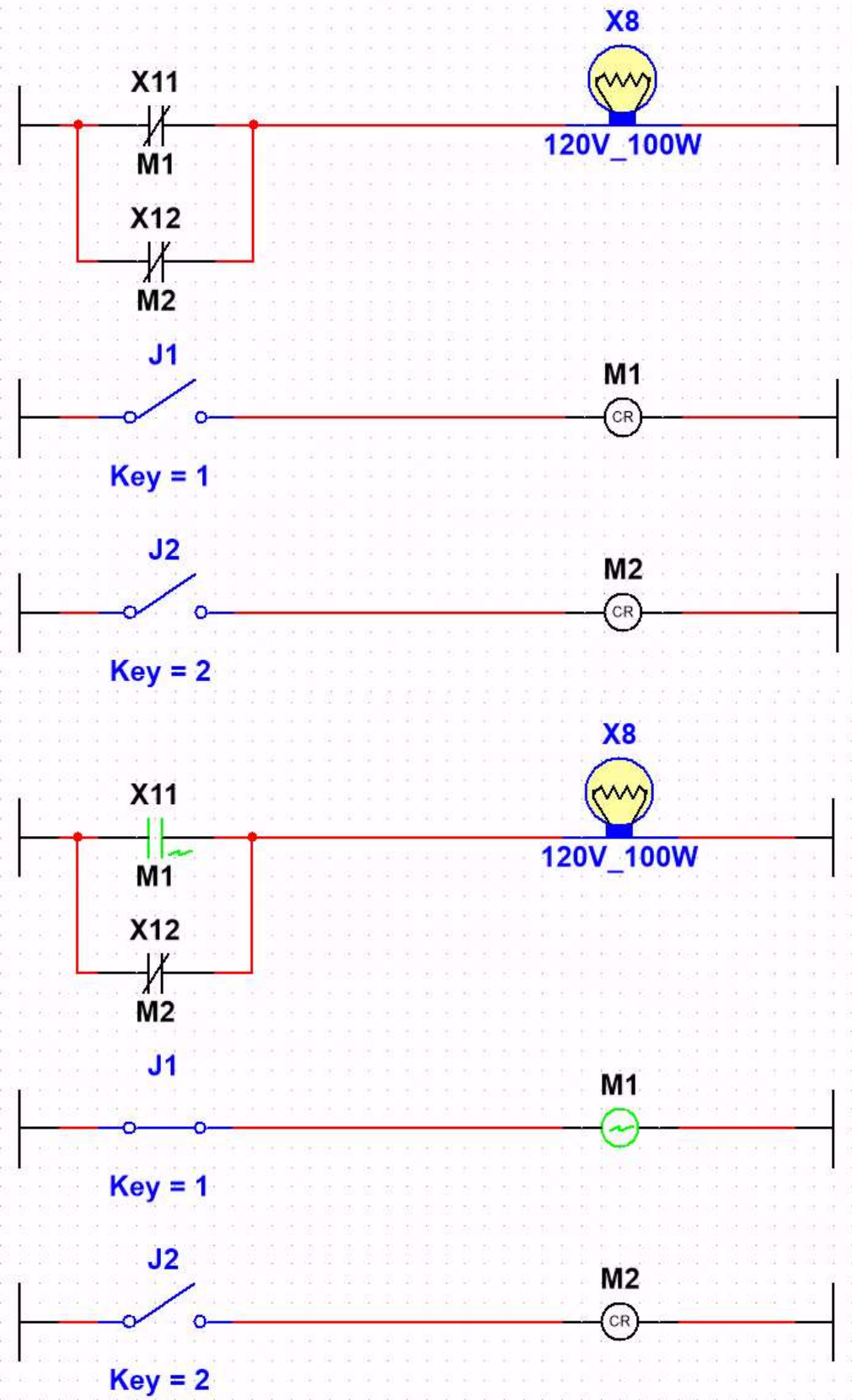


Figure 2.8: NAND Gate Ladder Diagram



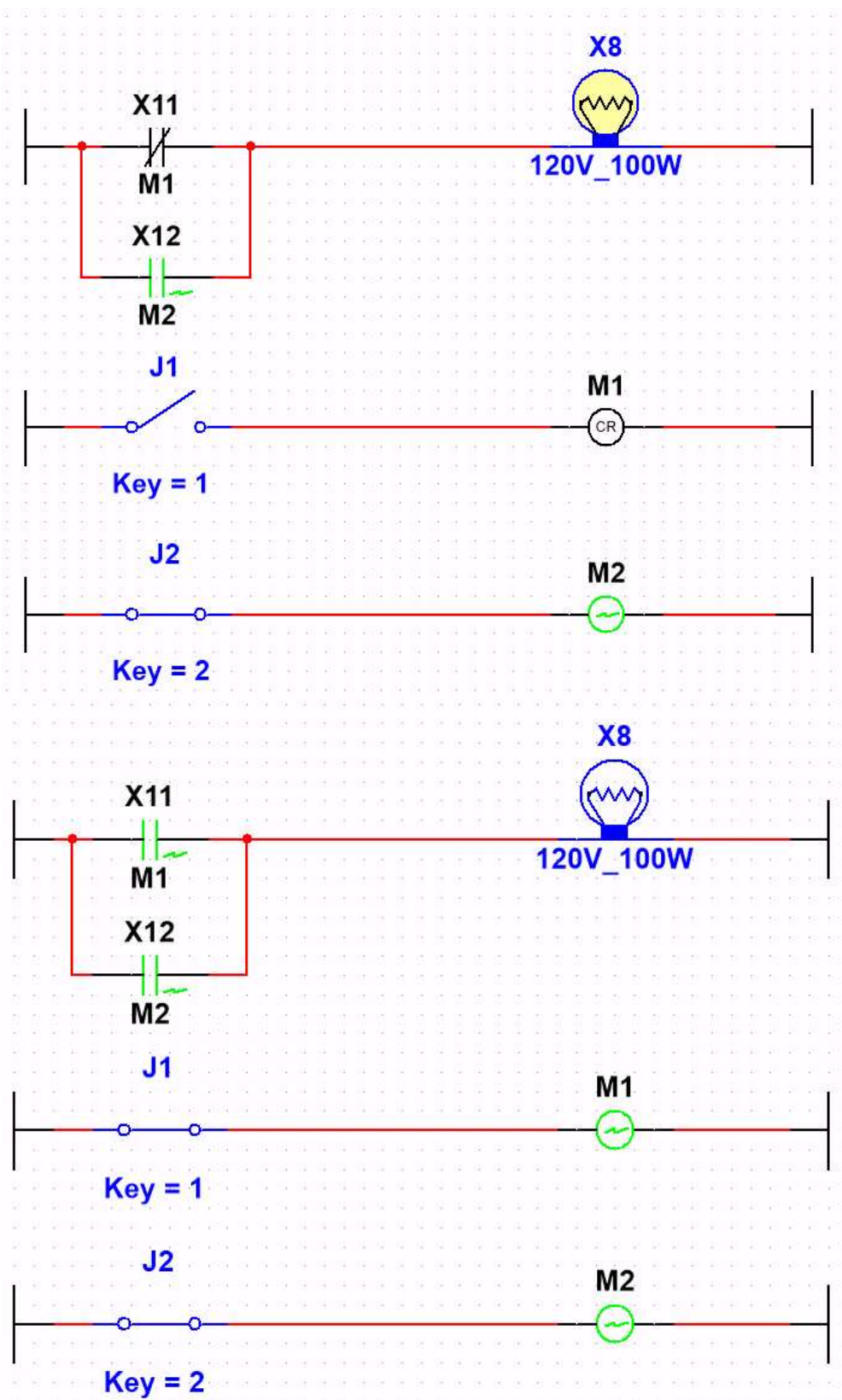
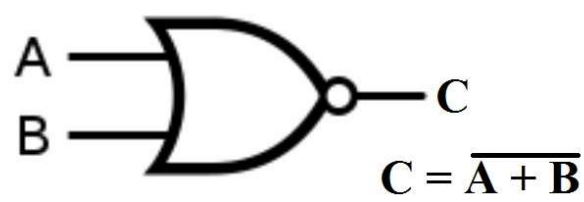


Figure 2.9: NAND Gate Outputs

NOR GATE



TRUTH TABLE

INPUT		OUTPUT
A	B	A NOR B
0	0	1
0	1	0
1	0	0
1	1	0

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Figure 2.10: NOR Gate Logic

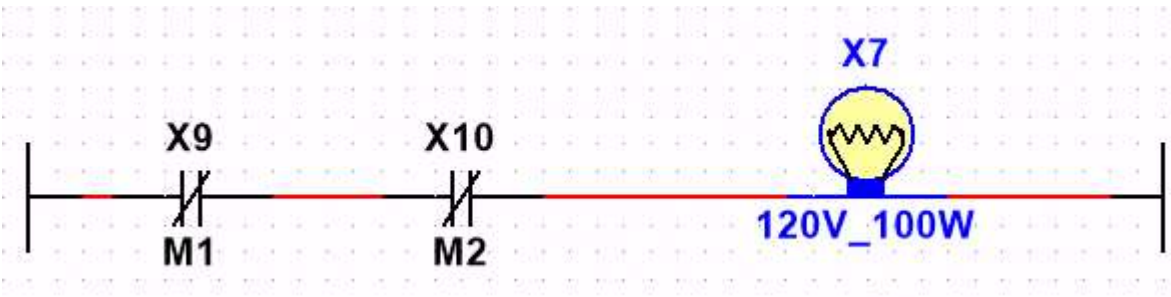
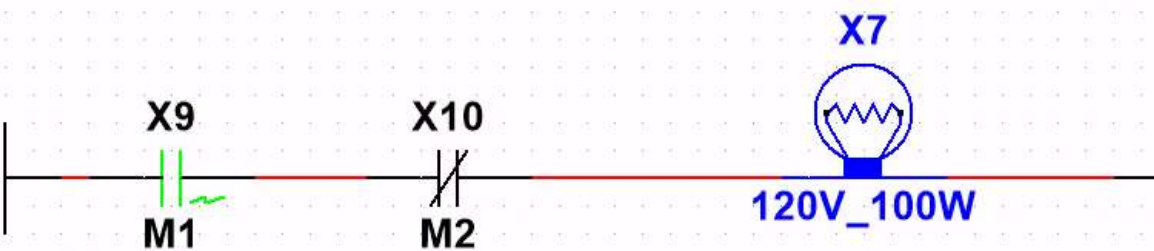
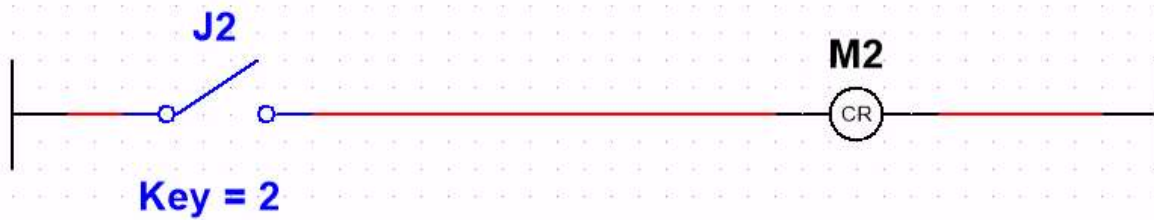
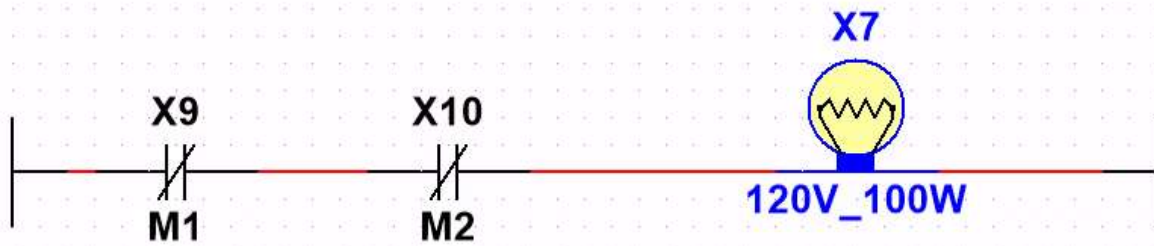


Figure 2.11: NOR Gate Ladder Diagram



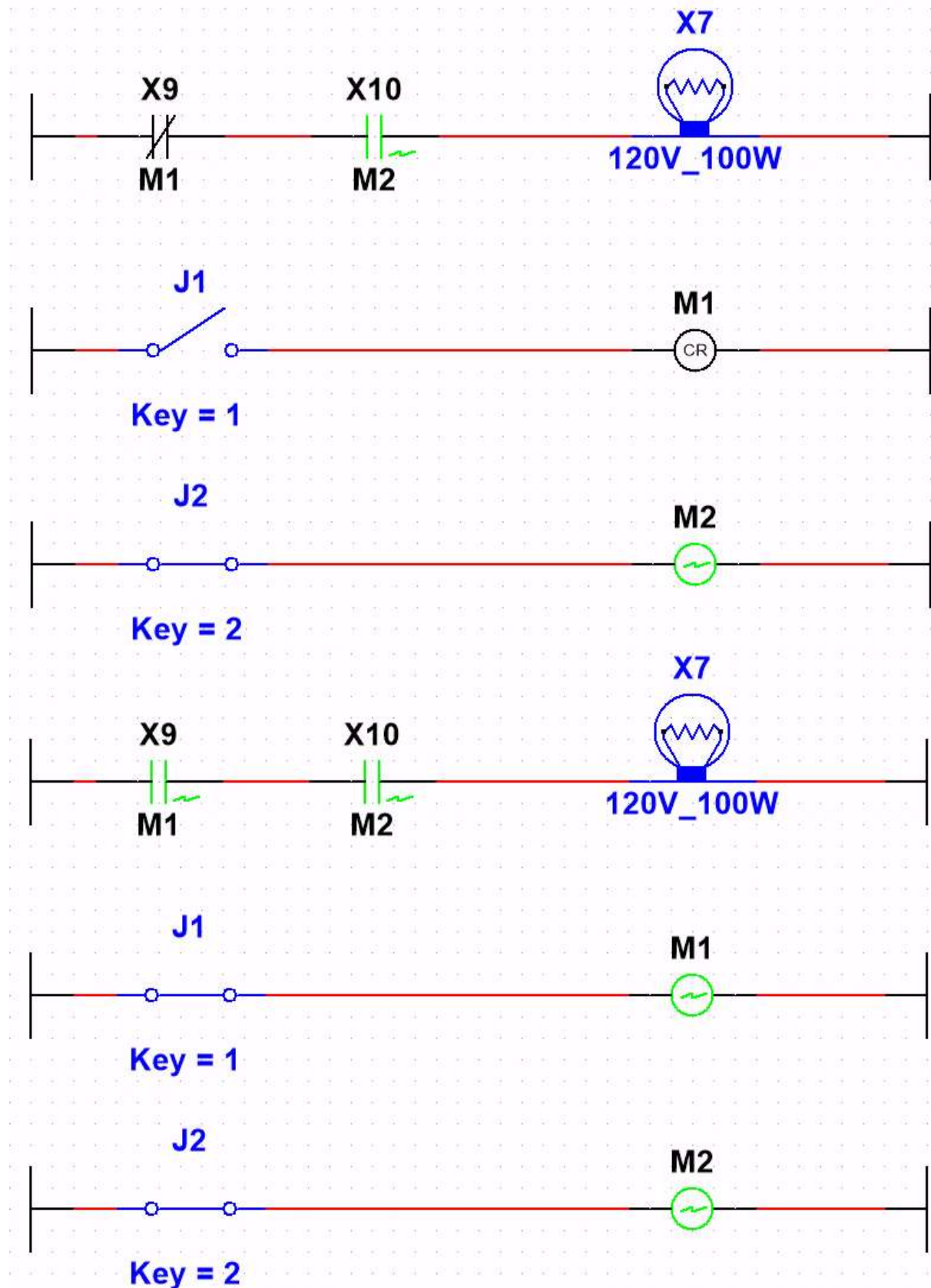


Figure 2.12: NOR Gate Outputs