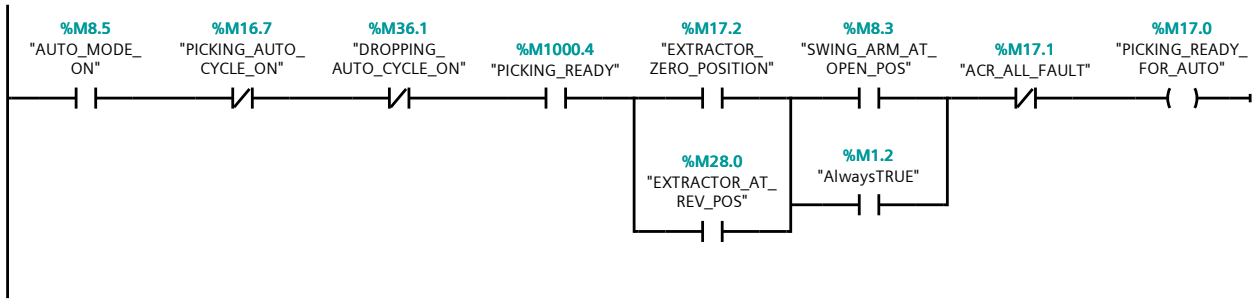
ACR_NEW_11122024 / AMR V 3 [CPU 1214C DC/DC/DC] / Program blocks

PICKING AUTO LOGIC [FC7]

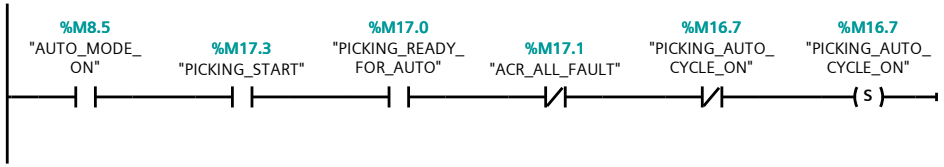
PICKING AUTO LOGIC Properties							
General							
Name	PICKING AUTO LOGIC	**Number**	7	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

PICKING AUTO LOGIC			
Name	**Data type**	**Default value**	**Comment**
Input			
Output			
InOut			
Temp			
Constant			
Return			
PICKING AUTO LOGIC	Void		

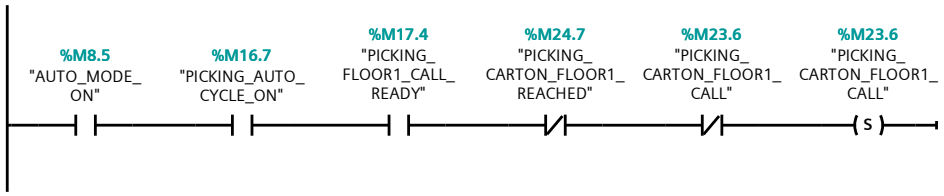
Network 1: PICKING_CYCLE_READY_FOR_AUTO:



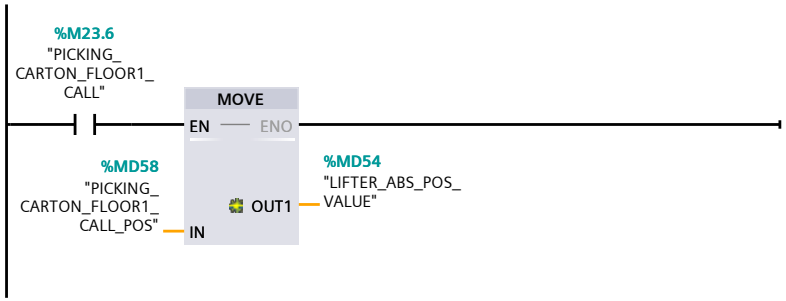
Network 2: PICKING_AUTO_CYCLE_START:



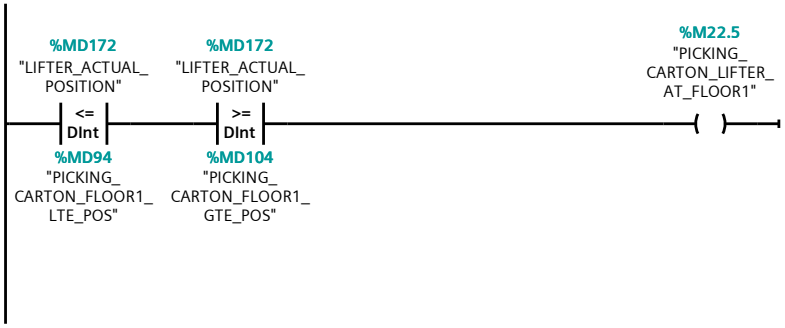
Network 3: PICKING_FIRST_FLOOR_CALL:



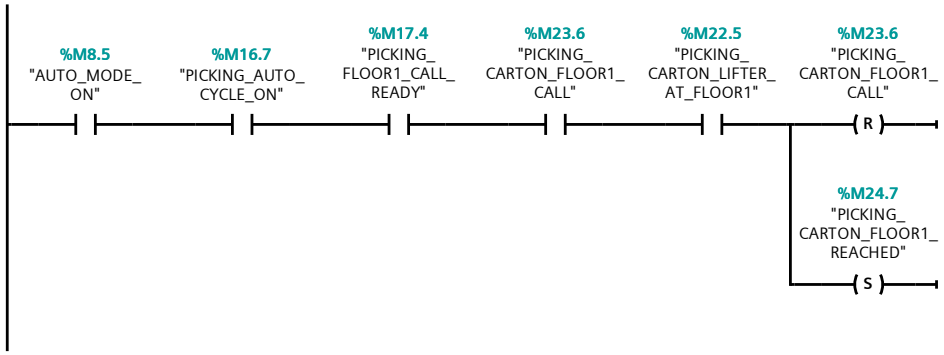
Network 4: PICKING_CARTON_FLOOR1_CALL_VALUE:



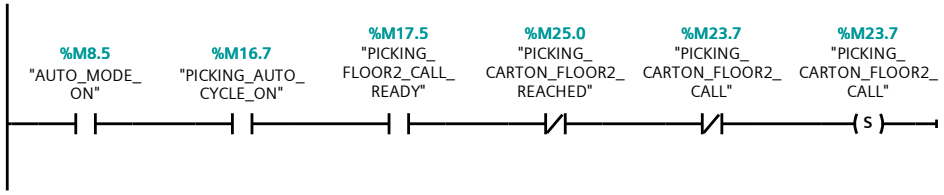
Network 5: LIFTER_AT_FLOOR1_FOR_CARTON_PICKING:



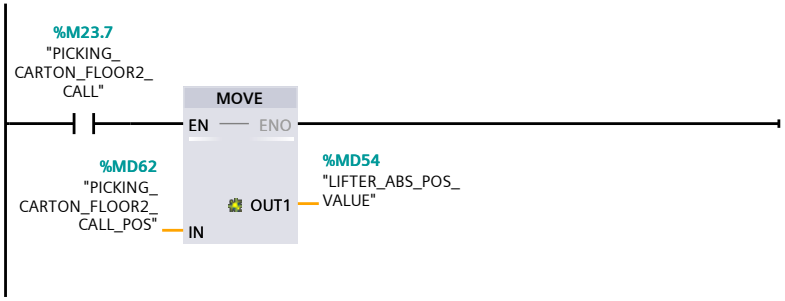
Network 6: PICKING_FIRST_FLOOR_CALL_RESET:



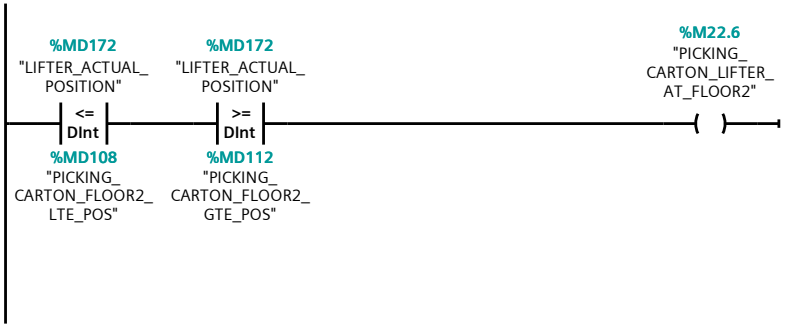
Network 7: PICKING_SECOND_FLOOR_CALL:



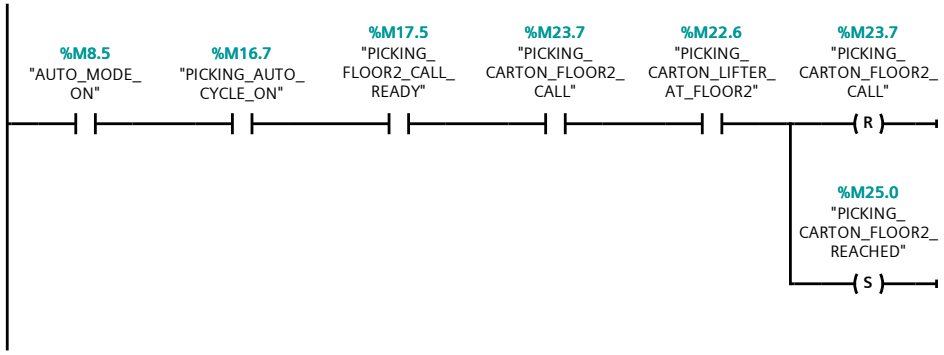
Network 8: PICKING_CARTON_FLOOR2_CALL_VALUE:



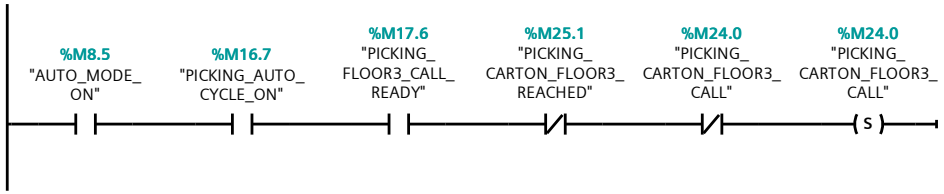
Network 9: LIFTER_AT_FLOOR2_FOR_CARTON_PICKING:



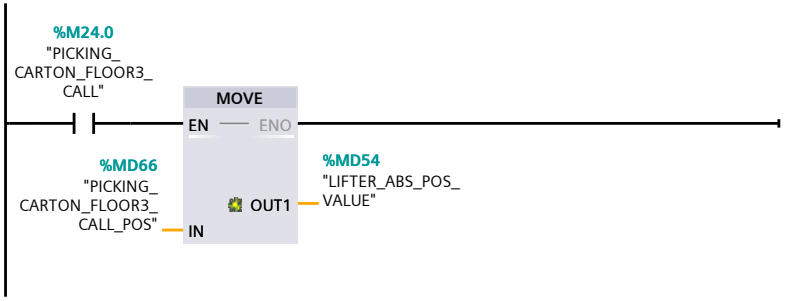
Network 10: PICKING_SECOND_FLOOR_CALL_RESET:



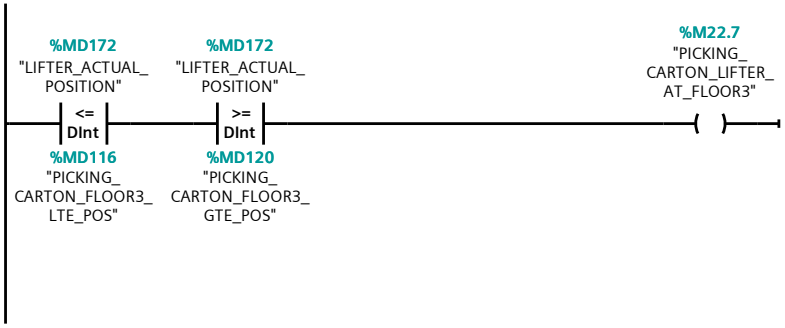
Network 11: PICKING_THIRD_FLOOR_CALL:



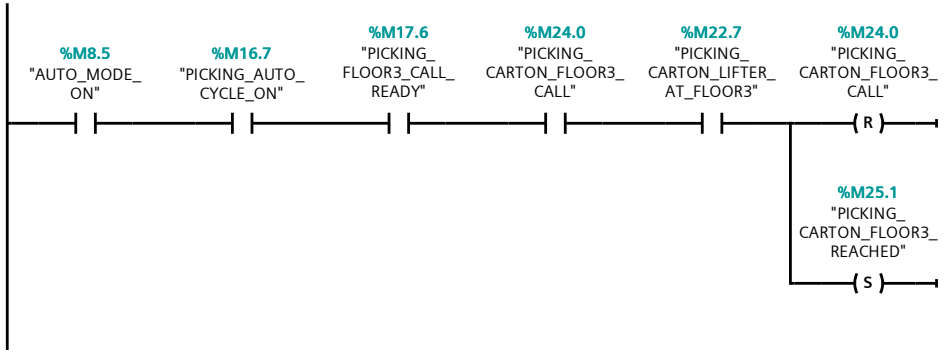
Network 12: PICKING_CARTON_FLOOR3_CALL_VALUE:



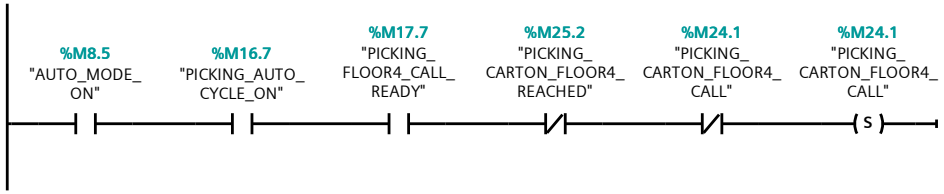
Network 13: LIFTER_AT_FLOOR3_FOR_CARTON_PICKING:



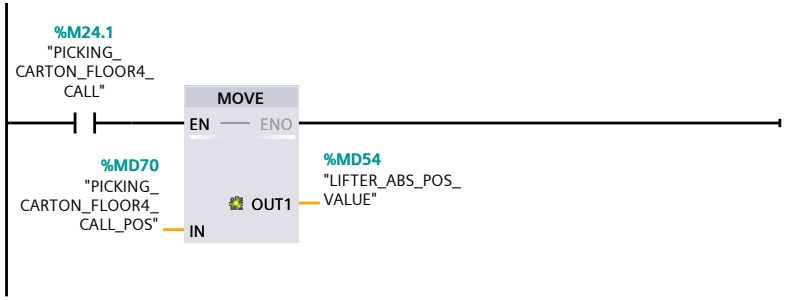
Network 14: PICKING_THIRD_FLOOR_CALL_RESET:



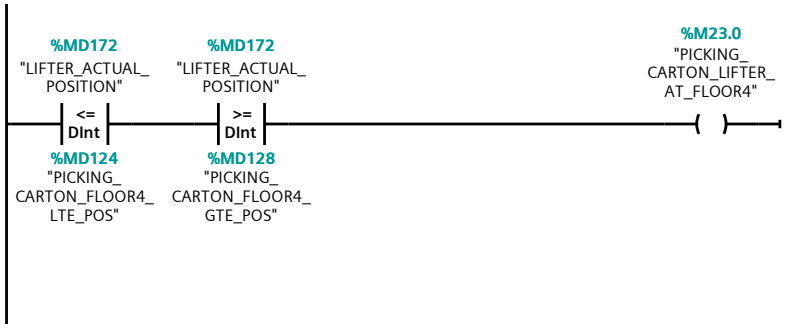
Network 15: PICKING_FOURTH_FLOOR_CALL:



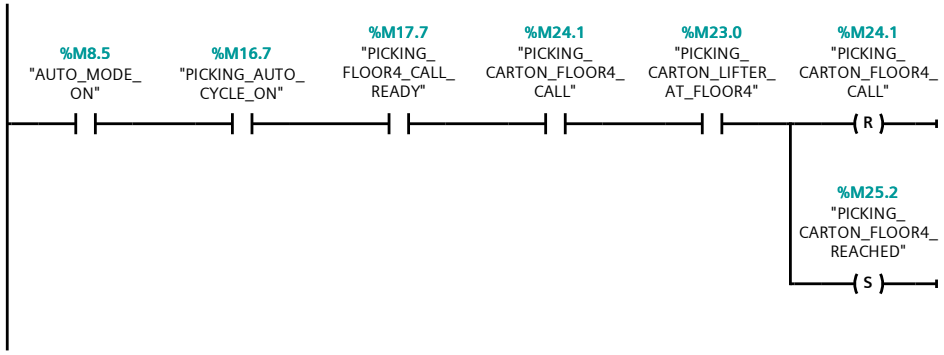
Network 16: PICKING_CARTON_FLOOR4_CALL_VALUE:



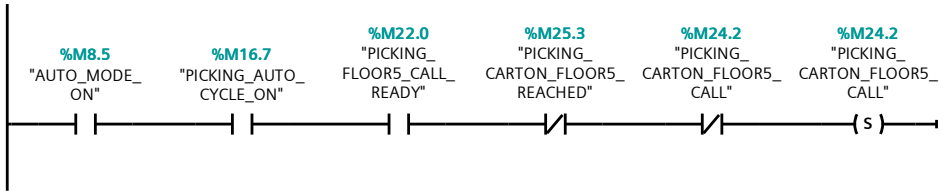
Network 17: LIFTER_AT_FLOOR4_FOR_CARTON_PICKING:



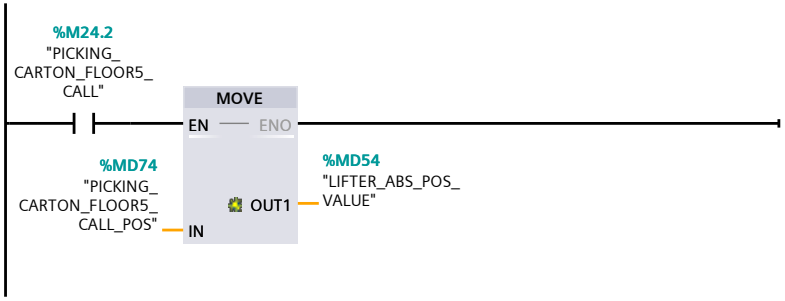
Network 18: PICKING_FOURTH_FLOOR_CALL_RESET:



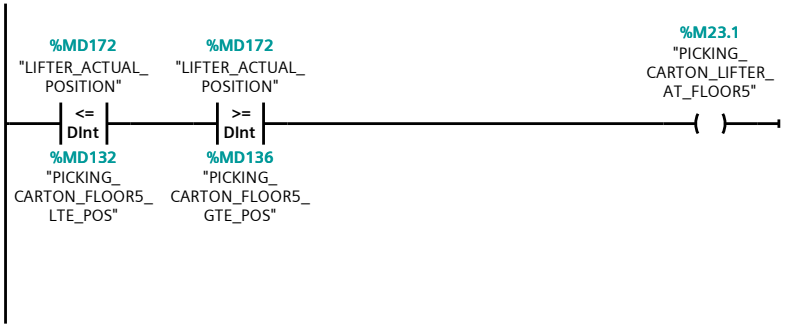
Network 19: PICKING_FIFTH_FLOOR_CALL:



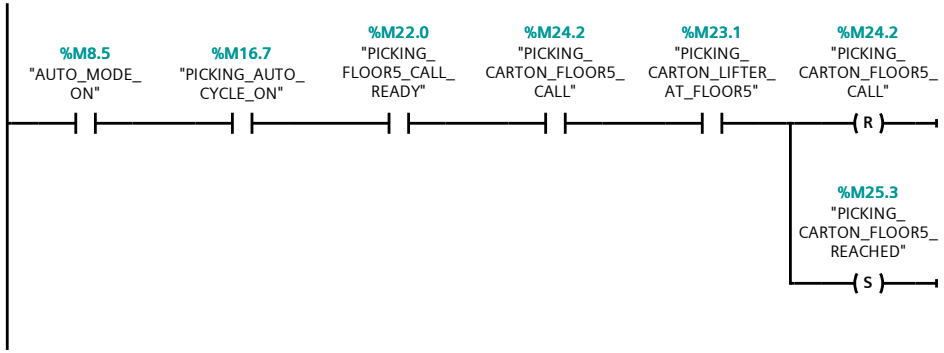
Network 20: PICKING_CARTON_FLOOR5_CALL_VALUE:



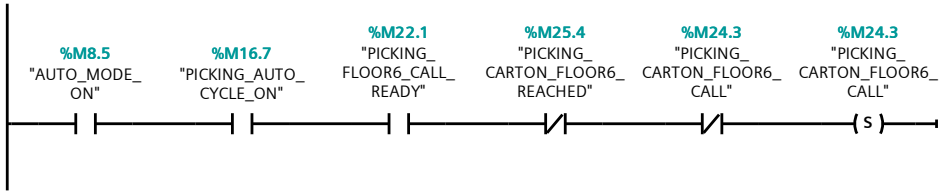
Network 21: LIFTER_AT_FLOOR5_FOR_CARTON_PICKING:



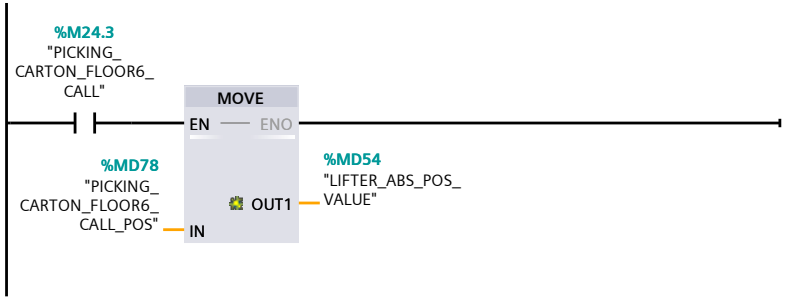
Network 22: PICKING_FIFTH_FLOOR_CALL_RESET:



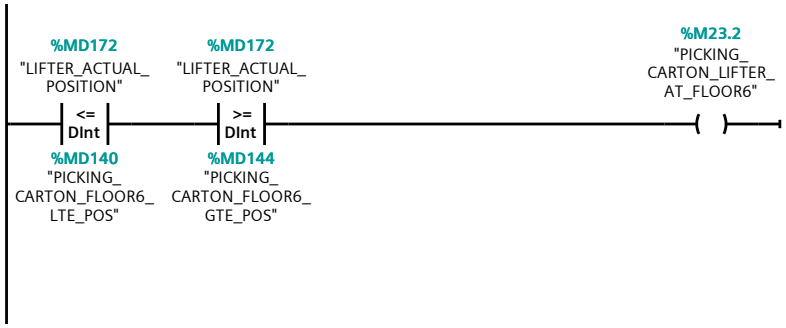
Network 23: PICKING_SIXTH_FLOOR_CALL:



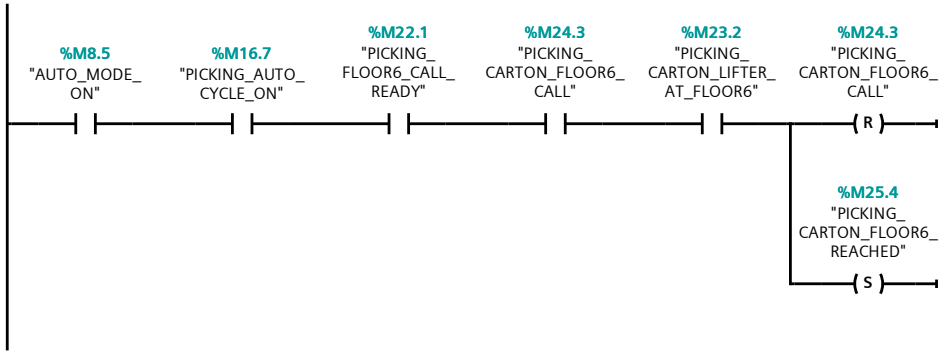
Network 24: PICKING_CARTON_FLOOR6_CALL_VALUE:



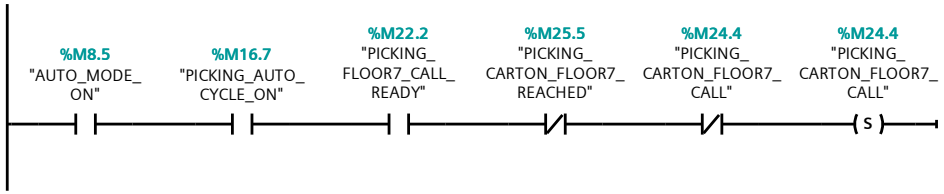
Network 25: LIFTER_AT_FLOOR6_FOR_CARTON_PICKING:



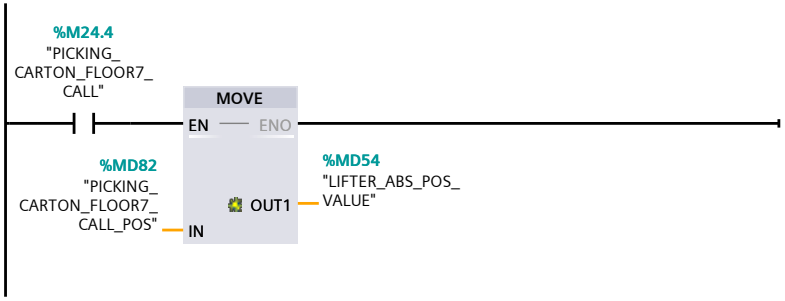
Network 26: PICKING_SIXTH_FLOOR_CALL_RESET:



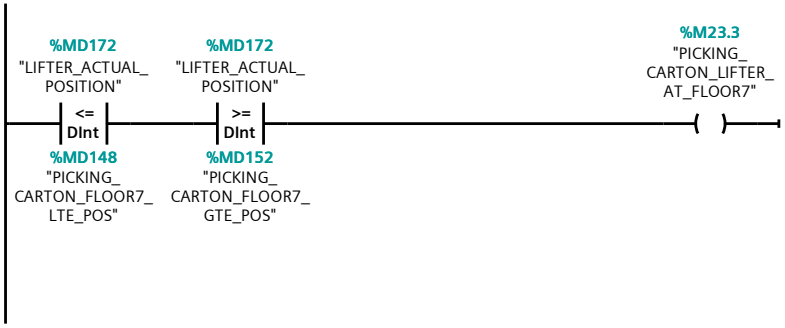
Network 27: PICKING_SEVENTH_FLOOR_CALL:



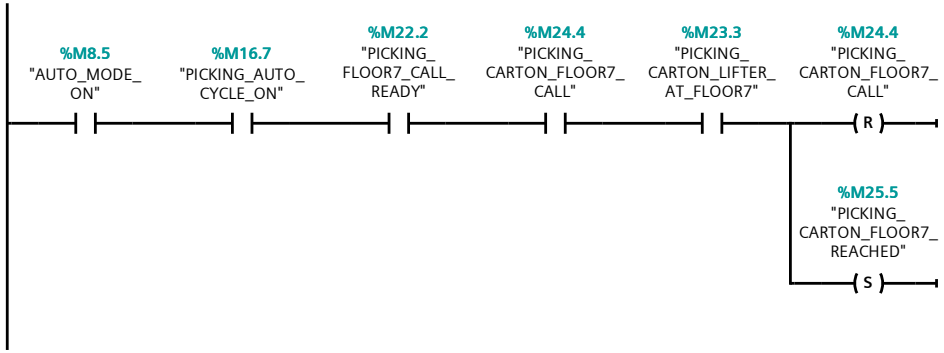
Network 28: PICKING_CARTON_FLOOR7_CALL_VALUE:



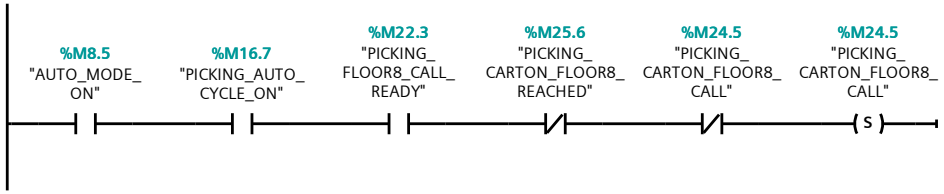
Network 29: LIFTER_AT_FLOOR7_FOR_CARTON_PICKING:



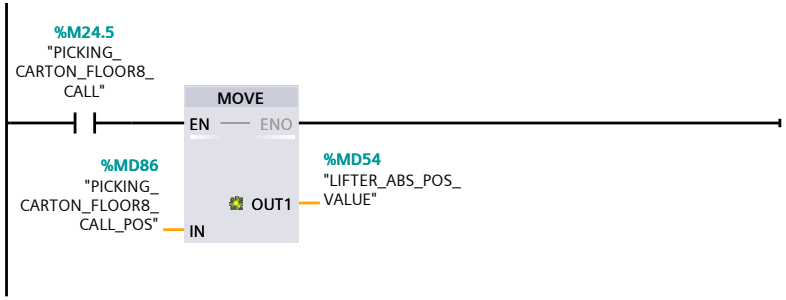
Network 30: PICKING_SEVENTH_FLOOR_CALL_RESET:



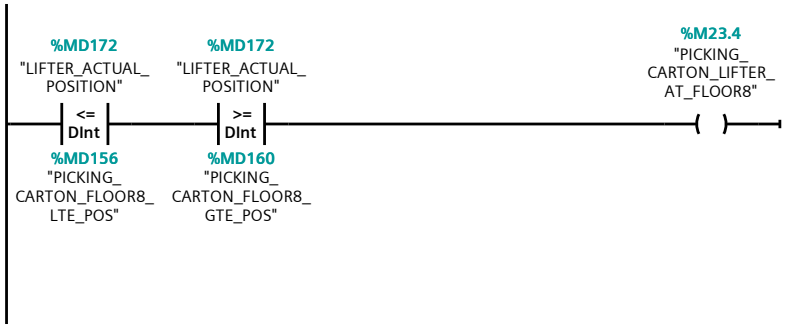
Network 31: PICKING_EIGHTH_FLOOR_CALL:



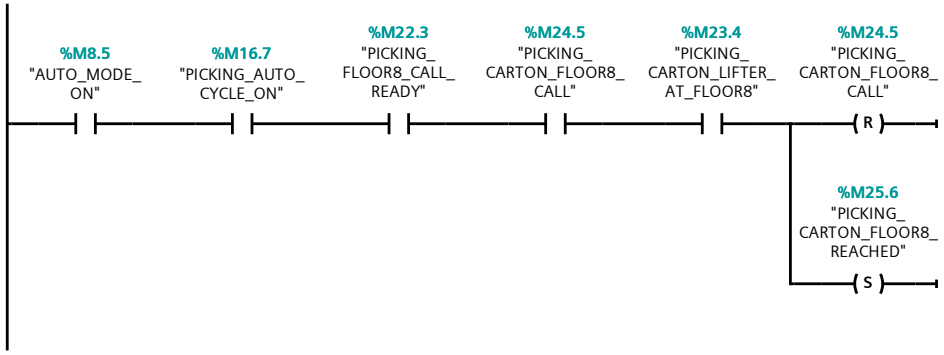
Network 32: PICKING_CARTON_FLOOR8_CALL_VALUE:



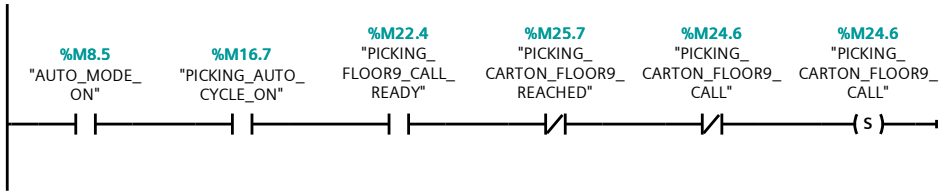
Network 33: LIFTER_AT_FLOOR8_FOR_CARTON_PICKING:



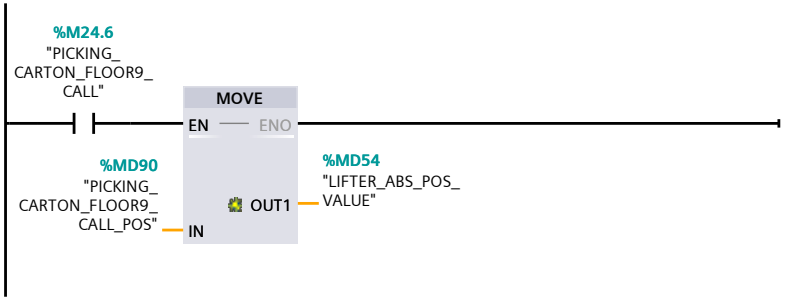
Network 34: PICKING_EIGHTH_FLOOR_CALL_RESET:



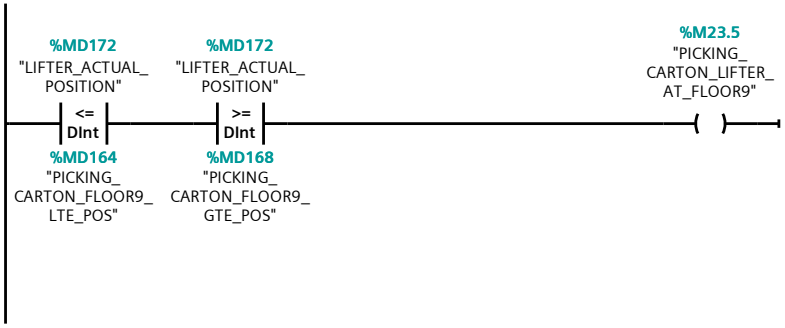
Network 35: PICKING_NINTH_FLOOR_CALL:



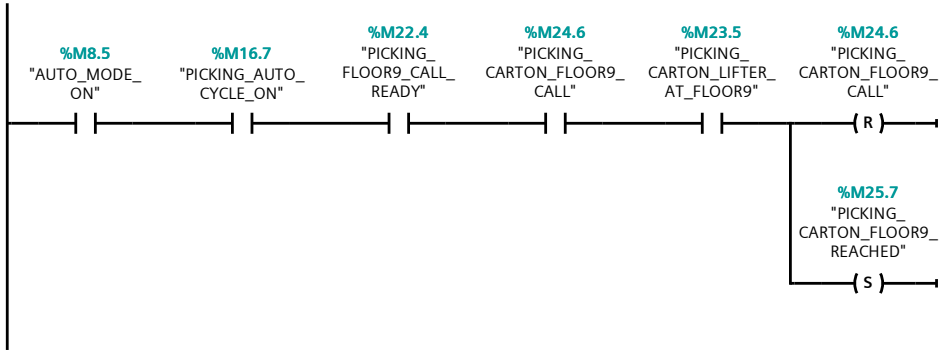
Network 36: PICKING_CARTON_FLOOR9_CALL_VALUE:



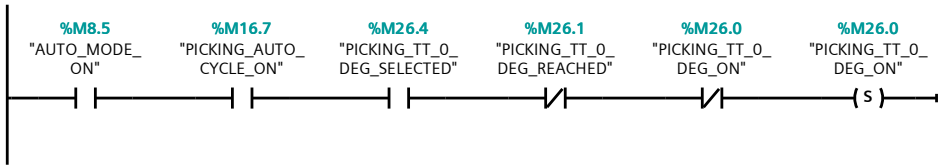
Network 37: LIFTER_AT_FLOOR9_FOR_CARTON_PICKING:



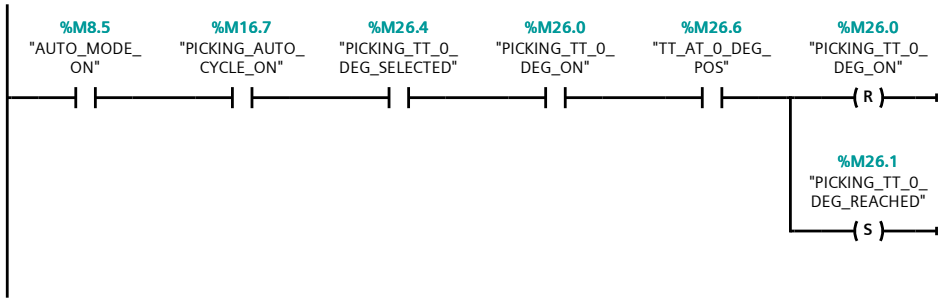
Network 38: PICKING_NINTH_FLOOR_CALL_RESET:



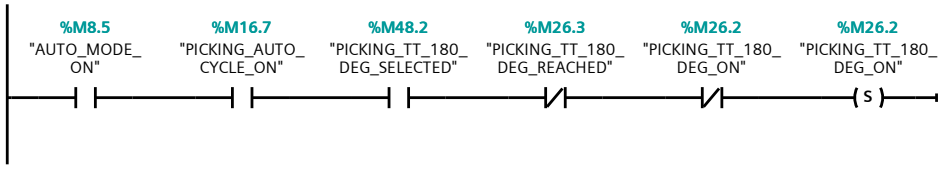
Network 39: TT_ROTATION_0_DEG_CALL:



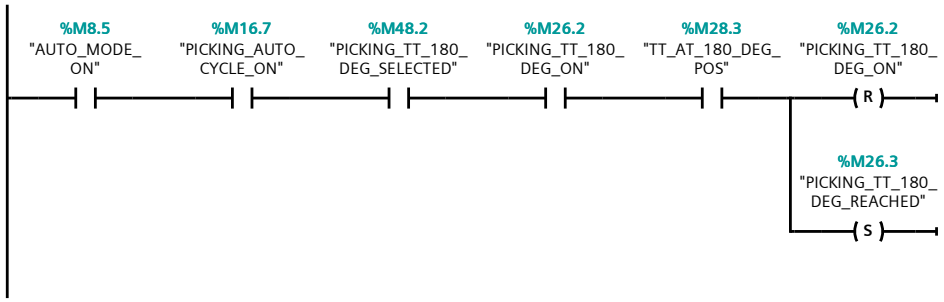
Network 40: TT_ROTATION_0_DEG_CALL_RESET:



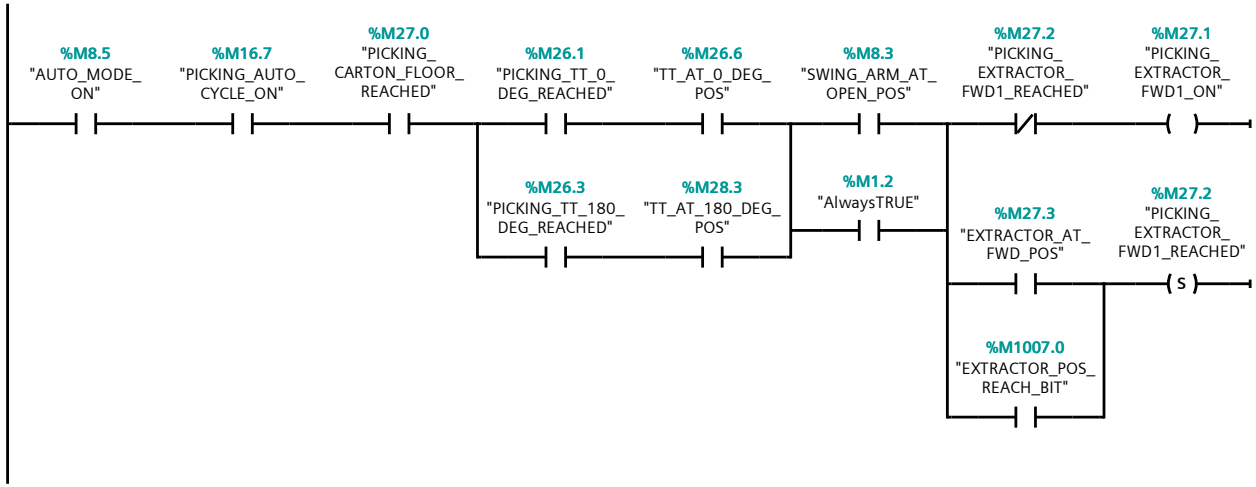
Network 41: TT_ROTATION_180_DEG_CALL:



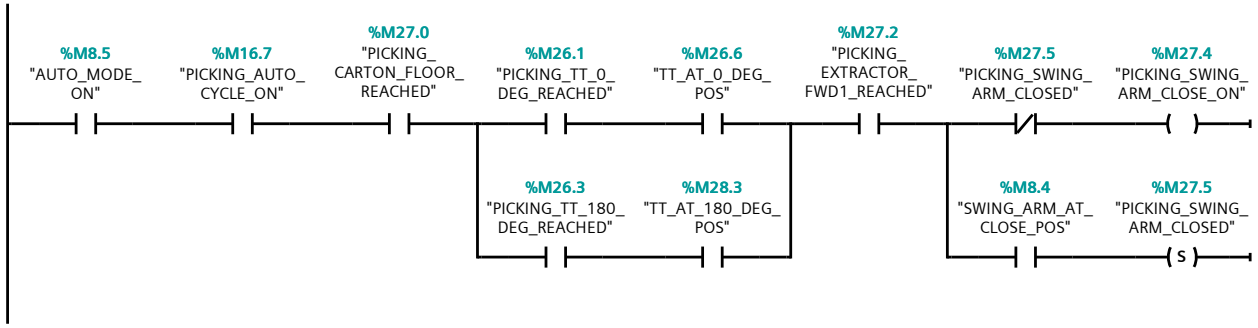
Network 42: TT_ROTATION_180_DEG_CALL_RESET:



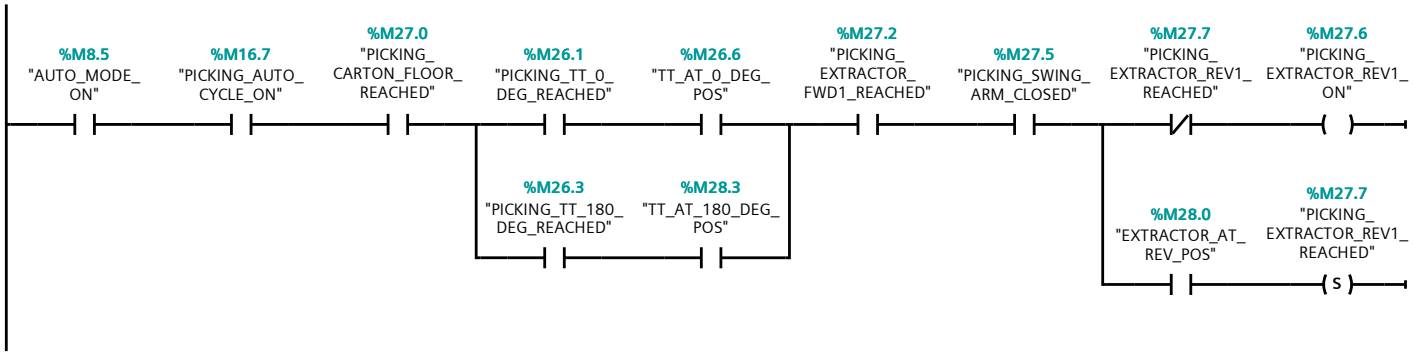
Network 43: EXTRACTOR_FORWARD_FOR_PICKING_CARTON_FROM_RACK:



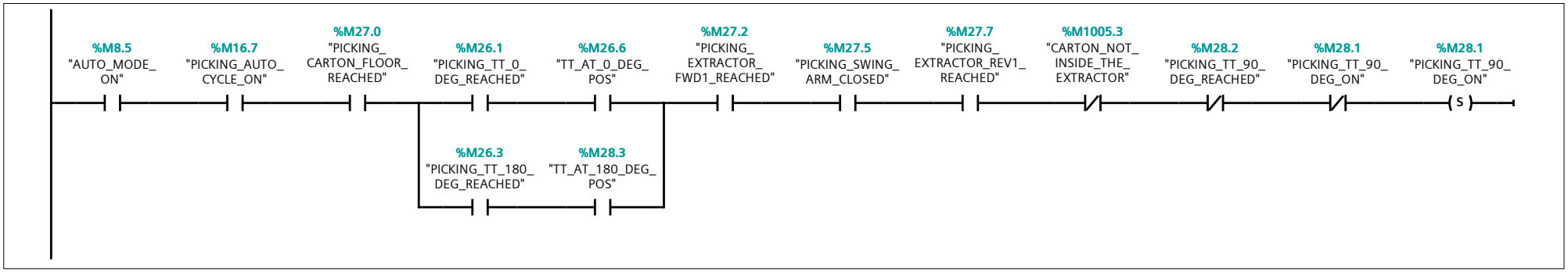
Network 44: SWING_ARM_CLOSED_FOR_PICKING_CARTON_FROM_RACK:



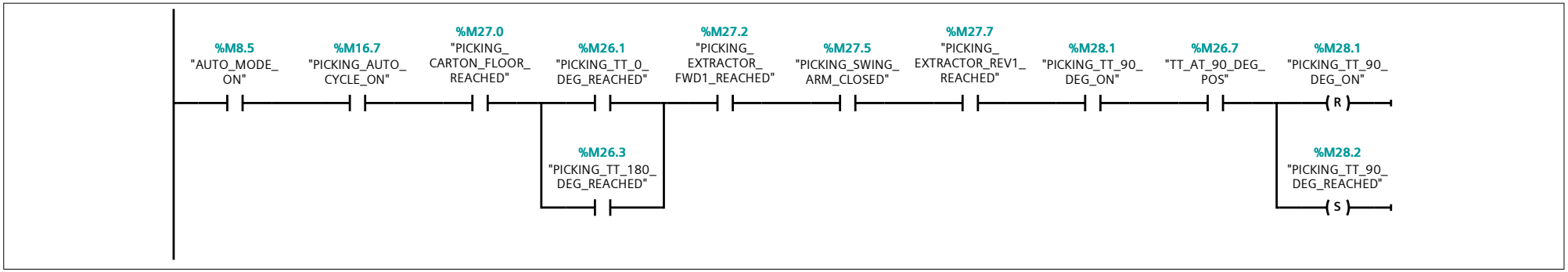
Network 45: EXTRACTOR_REVERSE_AFTER_PICKING_CARTON_FROM_RACK:



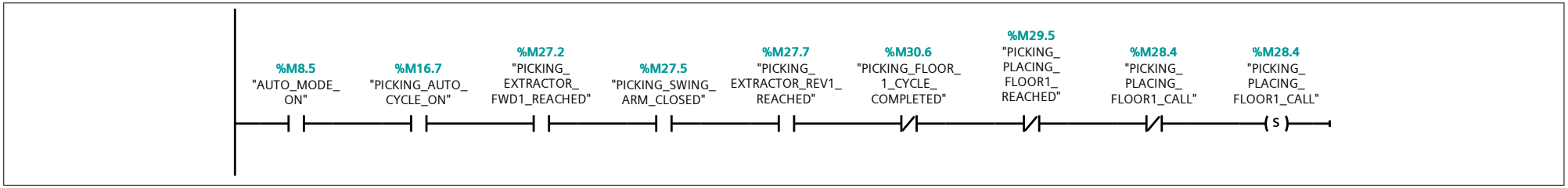
Network 46: TT_ROTATION_TO_90_DEG_CALL_AFTER_PICKING_CARTON_FROM_RACK:



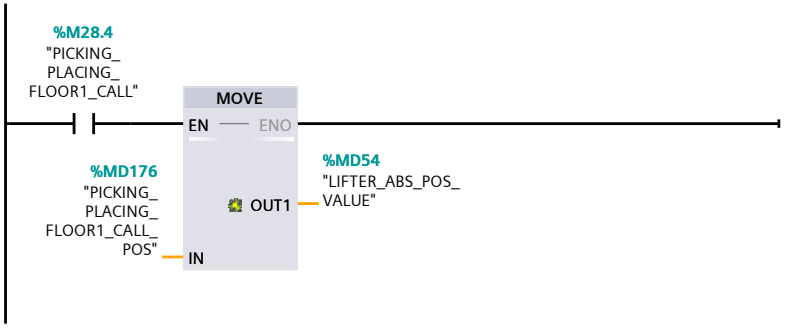
Network 47: TT_ROTATION_TO_90_DEG_CALL_RESET_AFTER_PICKING_CARTON_FROM_RACK:



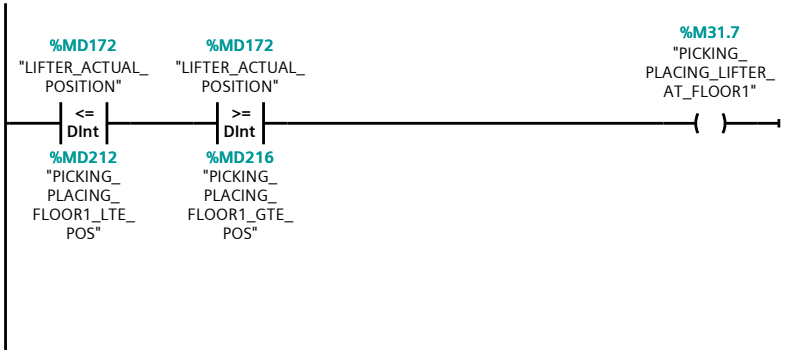
Network 48: AFTER_PICKING_FIRST_CARTON_FIRST_FLOOR_CALL:



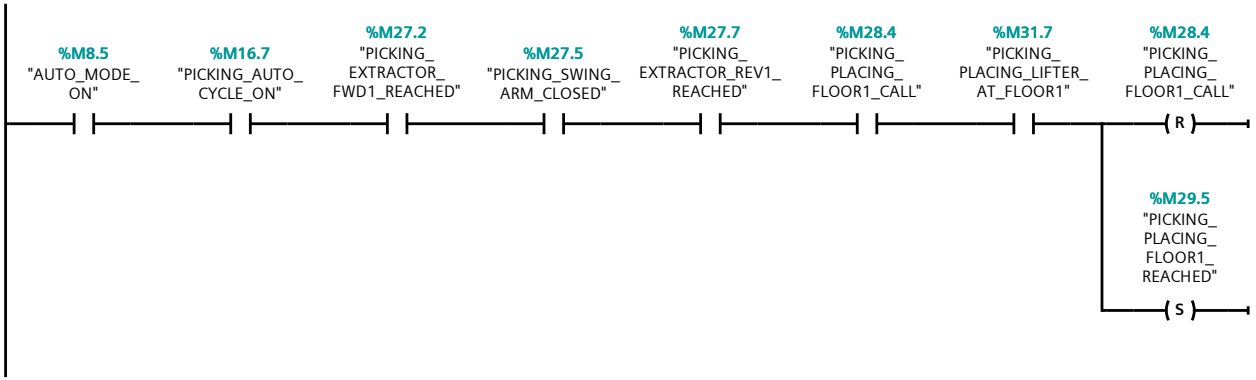
Network 49: PICKING_PLACING_FLOOR1_CALL_VALUE:



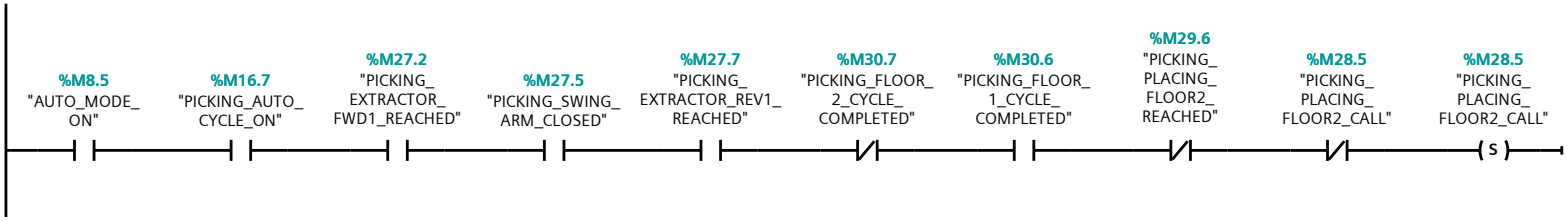
Network 50: FOR_CARTON_PLACING_LIFTER_AT_FLOOR1:



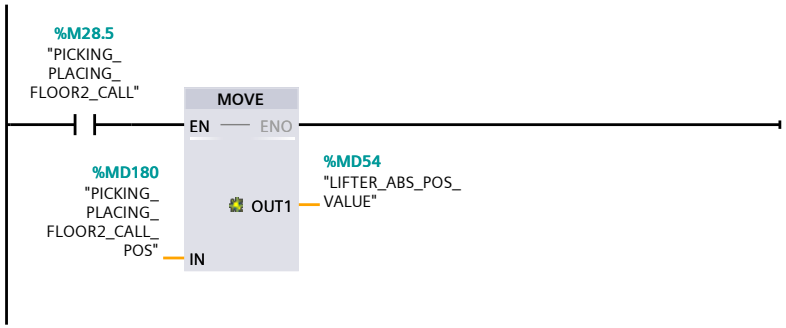
Network 51: AFTER_PICKING_FIRST_CARTON_FIRST_FLOOR_CALL_RESET:



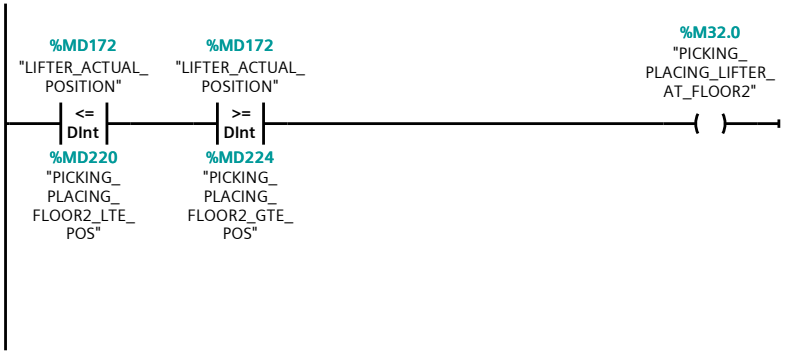
Network 52: AFTER_PICKING_SECOND_CARTON_SECOND_FLOOR_CALL:



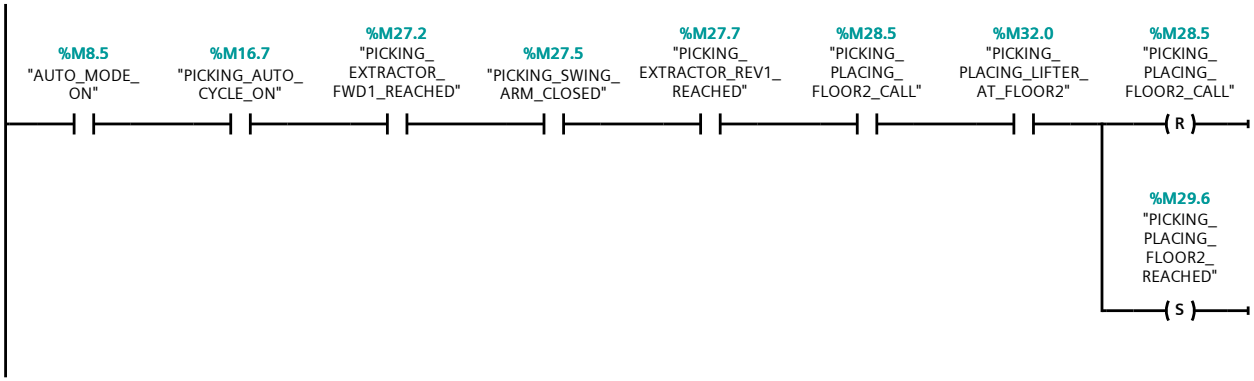
Network 53: PICKING_PLACING_FLOOR2_CALL_VALUE:



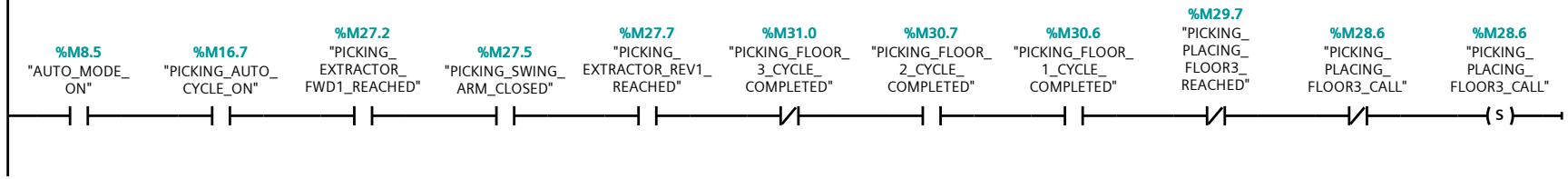
Network 54: FOR_CARTON_PLACING_LIFTER_AT_FLOOR2:



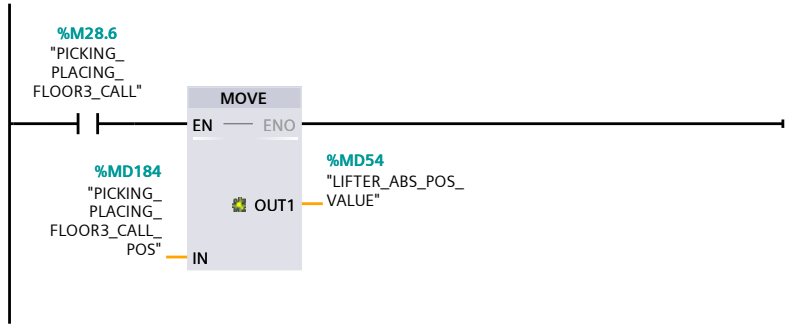
Network 55: AFTER_PICKING_SECOND_CARTON_SECOND_FLOOR_CALL_RESET:



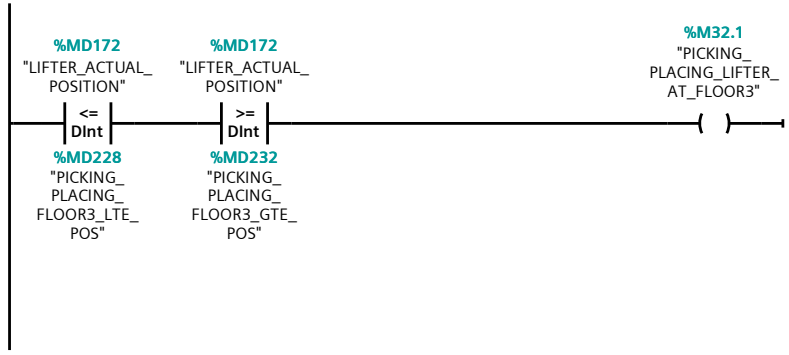
Network 56: AFTER_PICKING_THIRD_CARTON_THIRD_FLOOR_CALL:



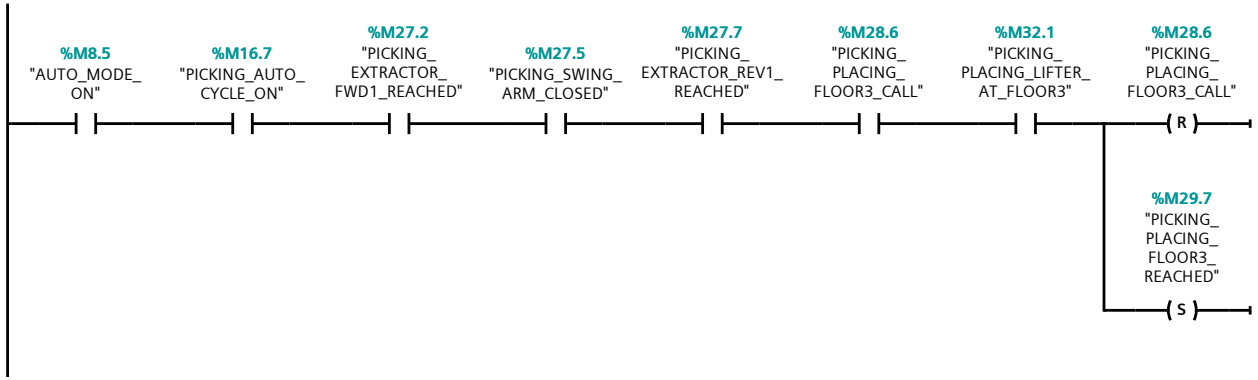
Network 57: PICKING_PLACING_FLOOR3_CALL_VALUE:



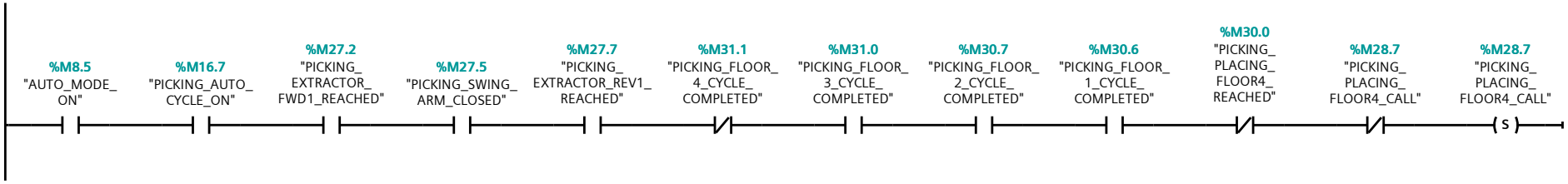
Network 58: FOR_CARTON_PLACING_LIFTER_AT_FLOOR3:



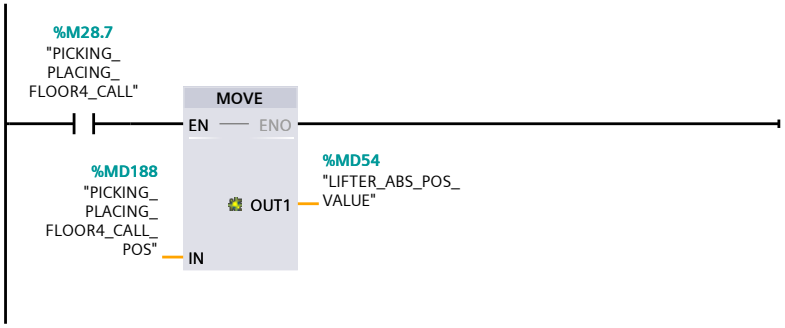
Network 59: AFTER_PICKING_THIRD_CARTON_THIRD_FLOOR_CALL_RESET:



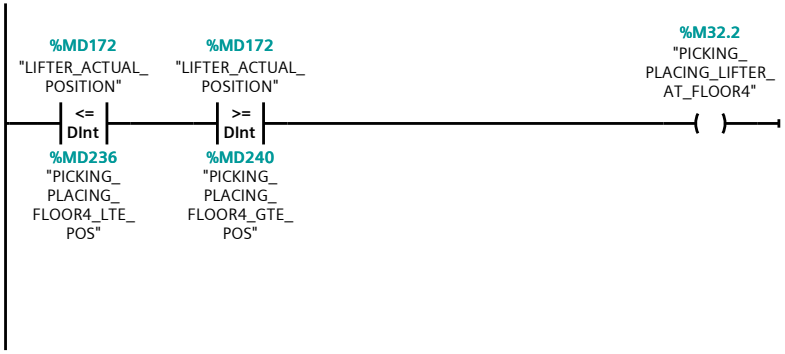
Network 60: AFTER_PICKING_FOURTH_CARTON_FOURTH_FLOOR_CALL:



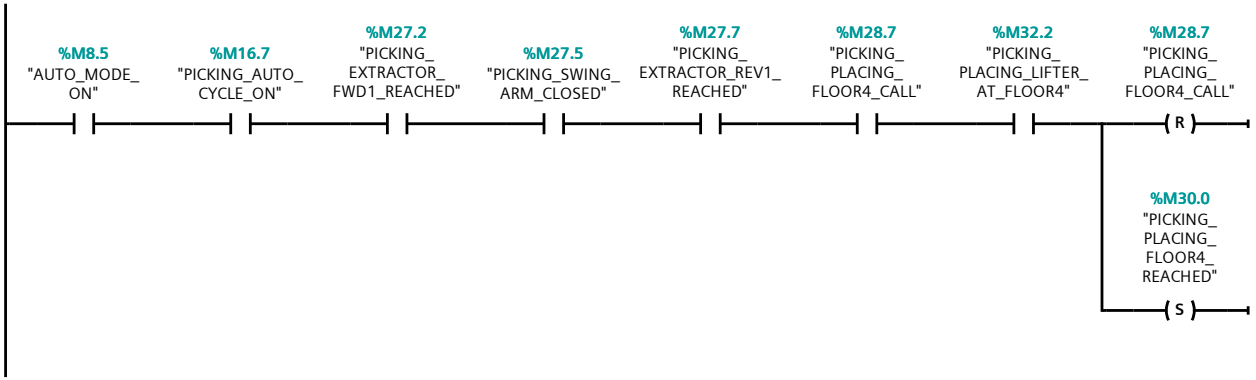
Network 61: PICKING_PLACING_FLOOR4_CALL_VALUE:



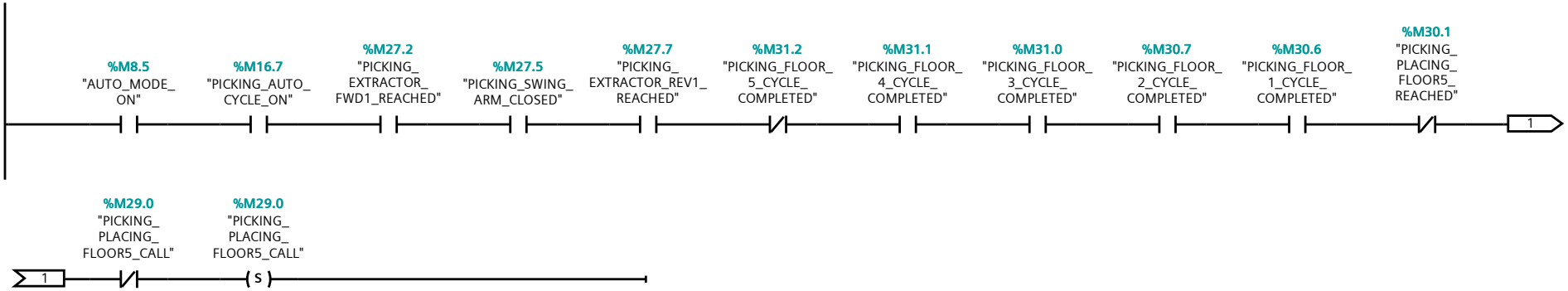
Network 62: FOR_CARTON_PLACING_LIFTER_AT_FLOOR4:



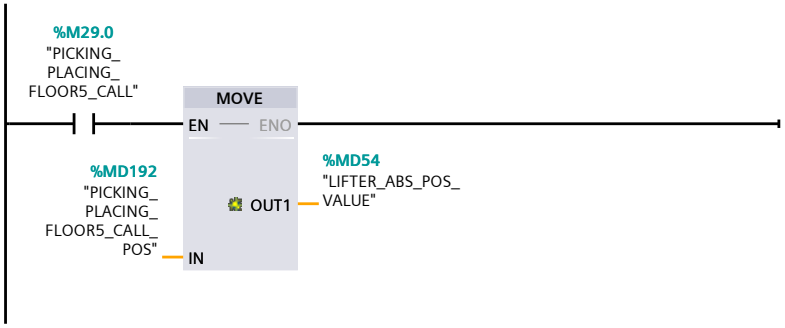
Network 63: AFTER_PICKING_FOURTH_CARTON_FOURTH_FLOOR_CALL_RESET:



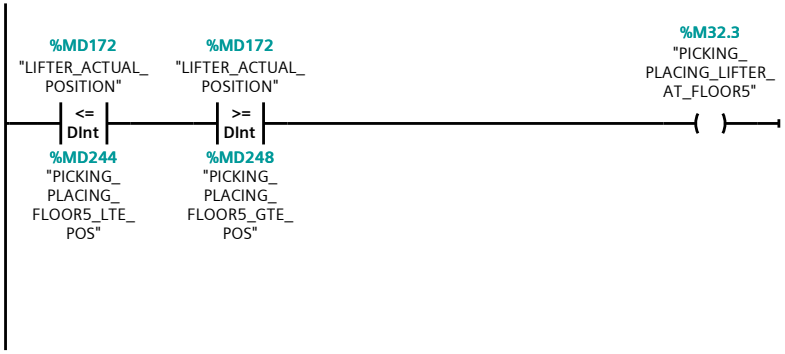
Network 64: AFTER_PICKING_FIFTH_CARTON_FIFTH_FLOOR_CALL:



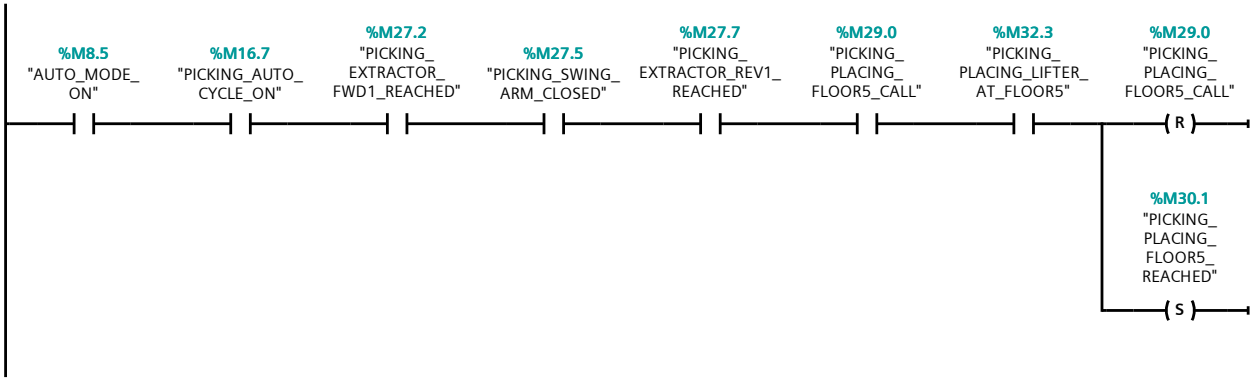
Network 65: PICKING_PLACING_FLOOR5_CALL_VALUE:



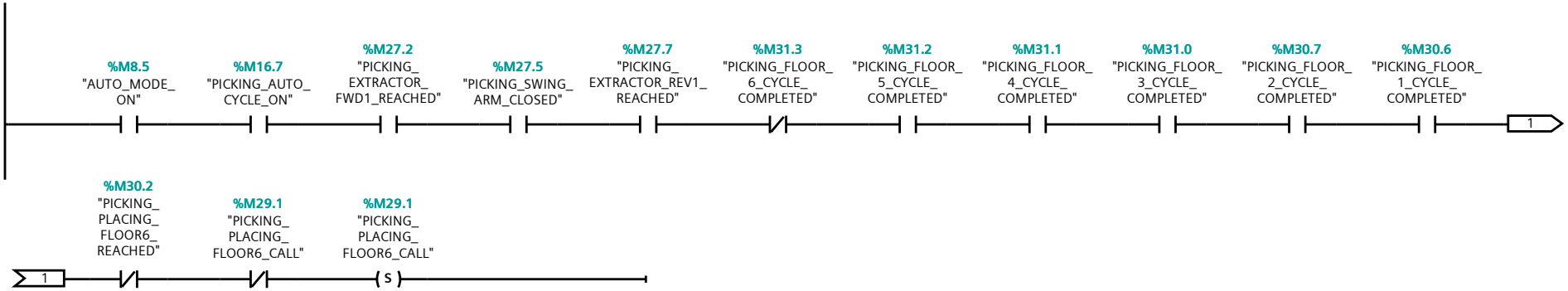
Network 66: FOR_CARTON_PLACING_LIFTER_AT_FLOOR5:



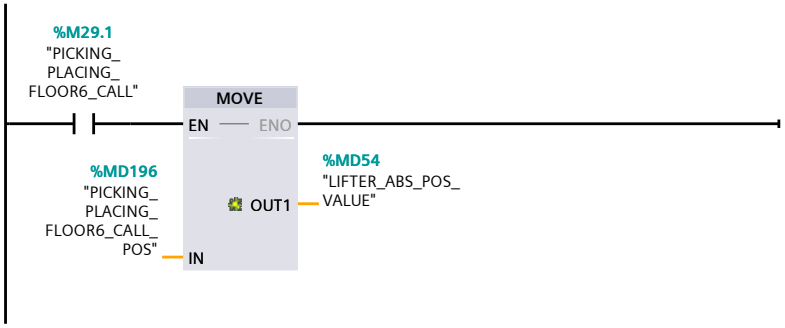
Network 67: AFTER_PICKING_FIFTH_CARTON_FIFTH_FLOOR_CALL_RESET:



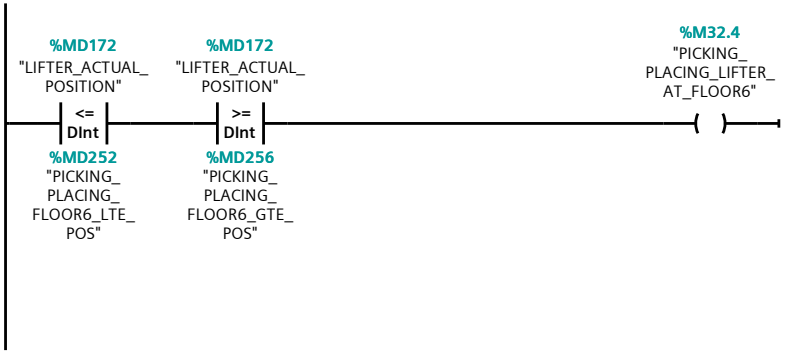
Network 68: AFTER_PICKING_SIXTH_CARTON_SIXTH_FLOOR_CALL:



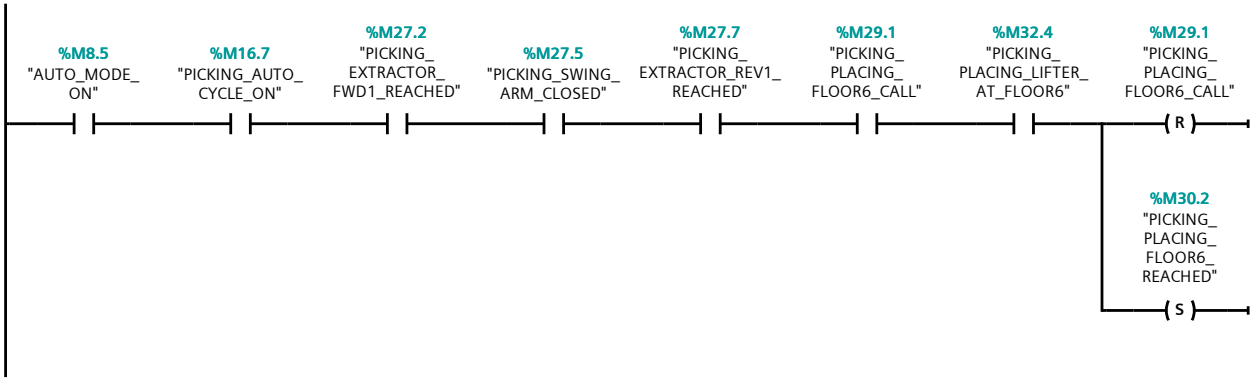
Network 69: PICKING_PLACING_FLOOR6_CALL_VALUE:



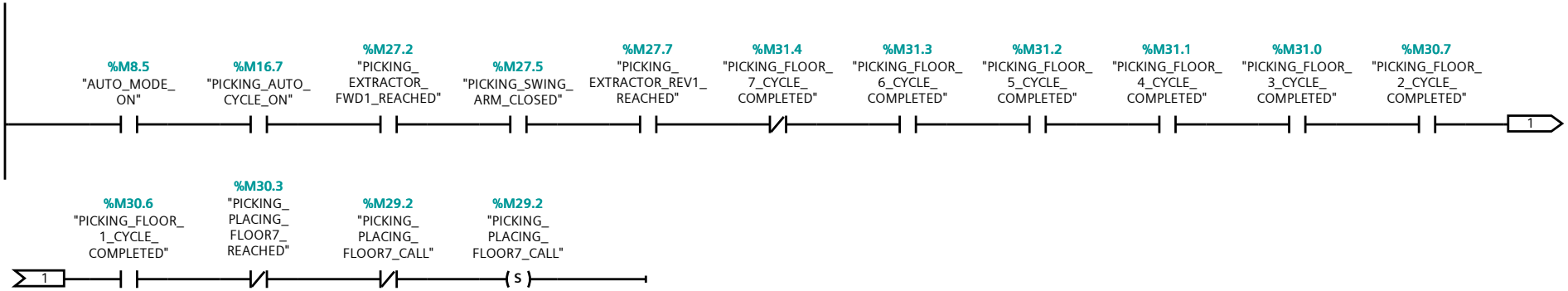
Network 70: FOR_CARTON_PLACING_LIFTER_AT_FLOOR6:



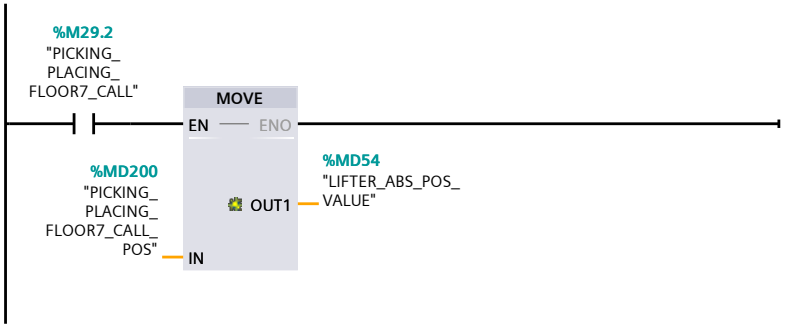
Network 71: AFTER_PICKING_SIXTH_CARTON_SIXTH_FLOOR_CALL_RESET:



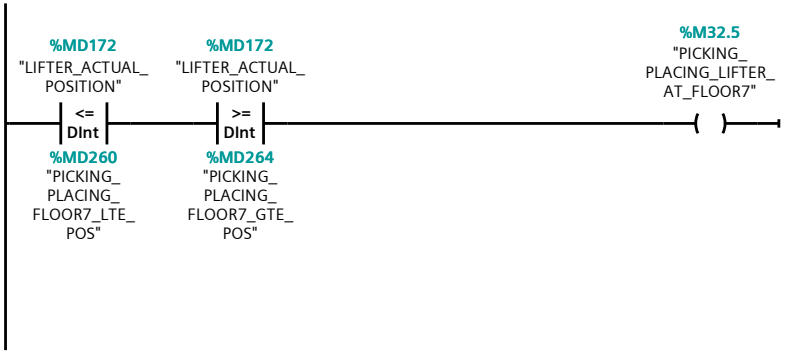
Network 72: AFTER_PICKING_SEVENTH_CARTON_SEVENTH_FLOOR_CALL:



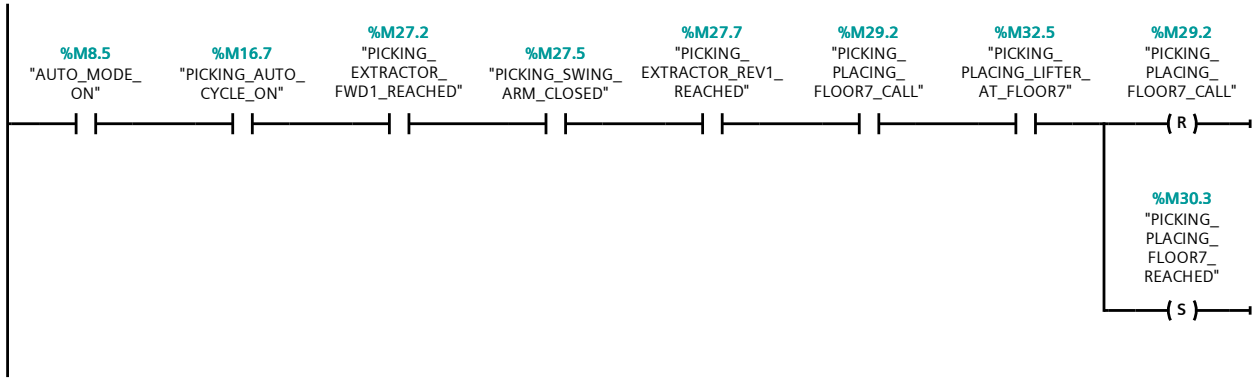
Network 73: PICKING_PLACING_FLOOR7_CALL_VALUE:



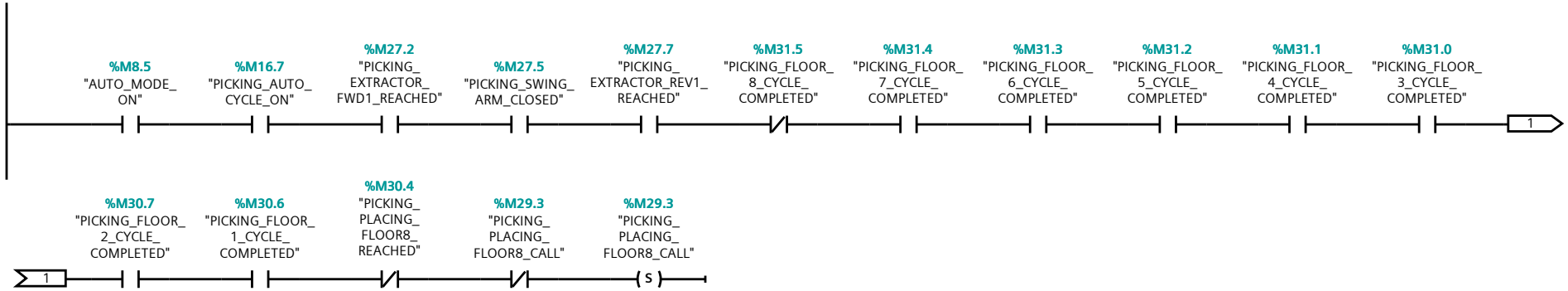
Network 74: FOR_CARTON_PLACING_LIFTER_AT_FLOOR7:



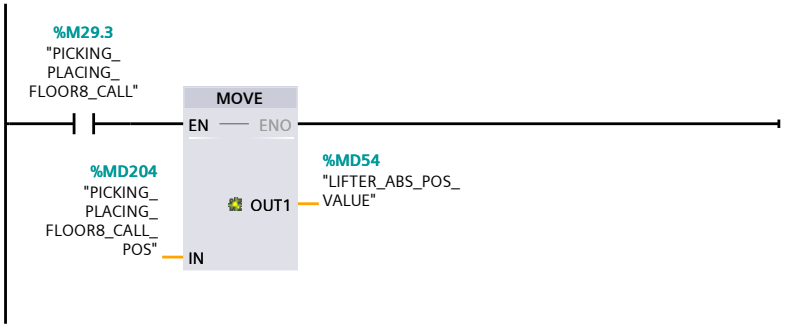
Network 75: AFTER_PICKING_SEVENTH_CARTON_SEVENTH_FLOOR_CALL_RESET:



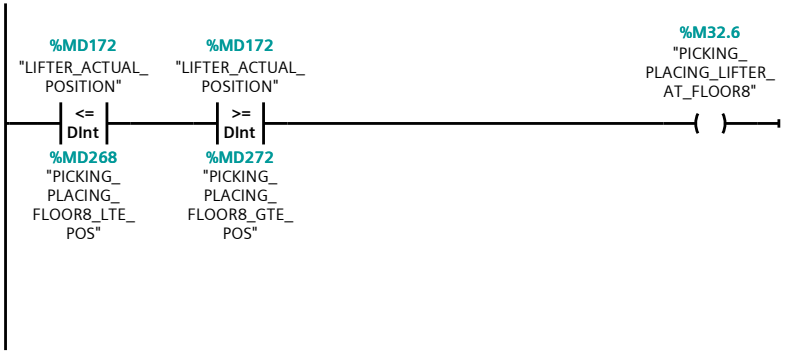
Network 76: AFTER_PICKING_EIGHTH_CARTON_EIGHTH_FLOOR_CALL:



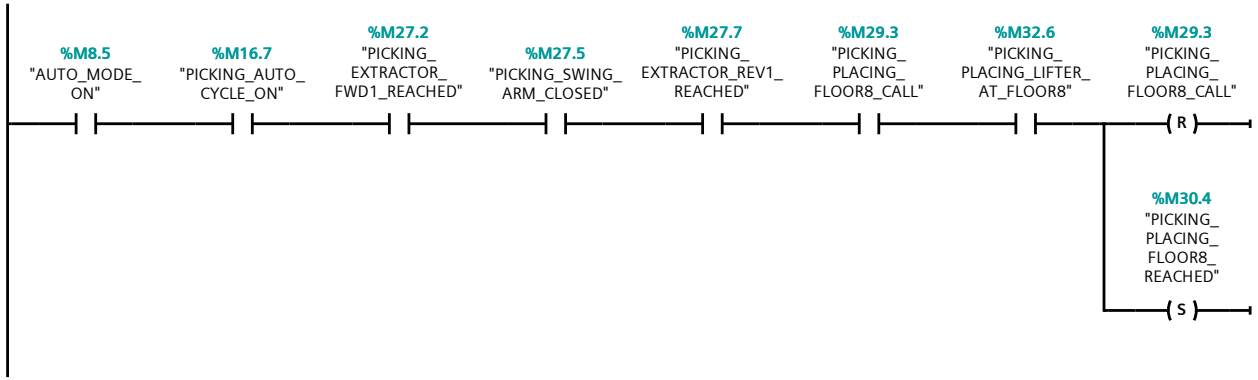
Network 77: PICKING_PLACING_FLOOR8_CALL_VALUE:



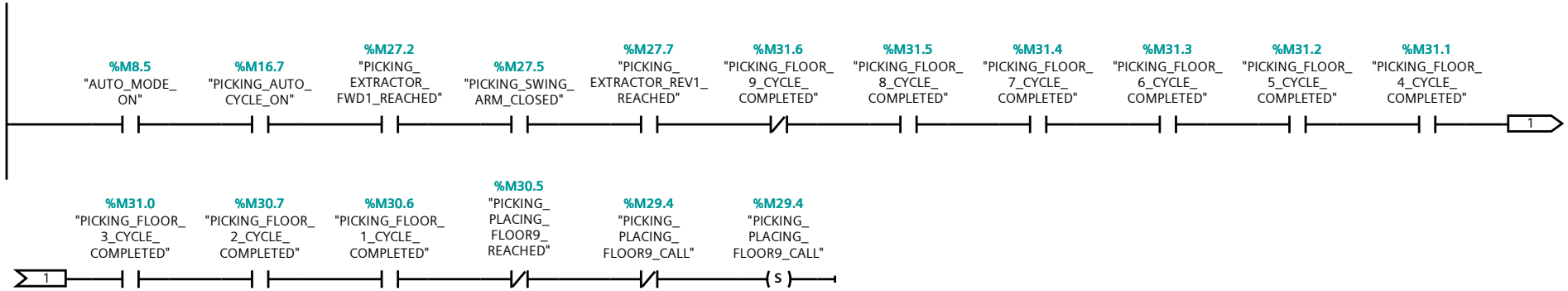
Network 78: FOR_CARTON_PLACING_LIFTER_AT_FLOOR8:



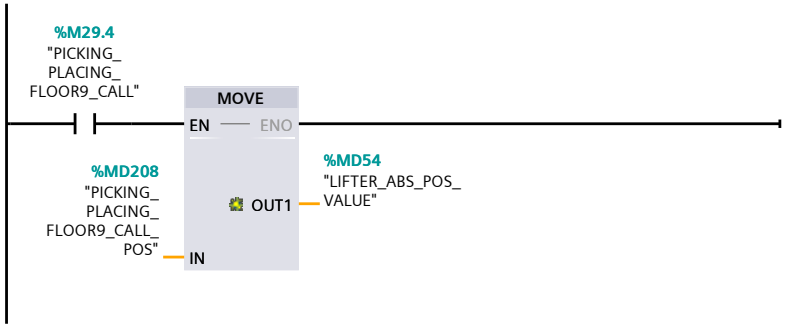
Network 79: AFTER_PICKING_EIGHTH_CARTON_EIGHTH_FLOOR_CALL_RESET:



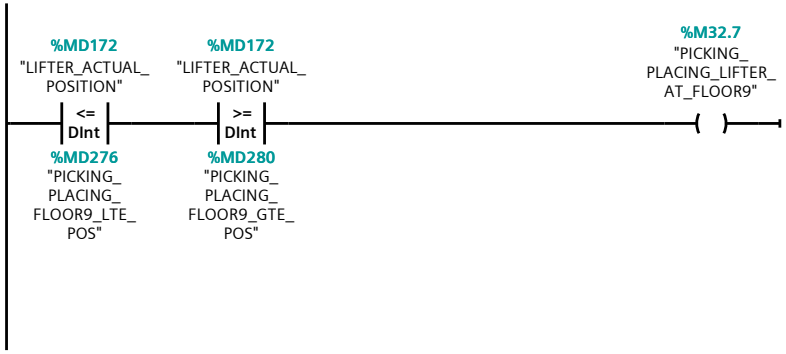
Network 80: AFTER_PICKING_NINTH_CARTON_NINTH_FLOOR_CALL:



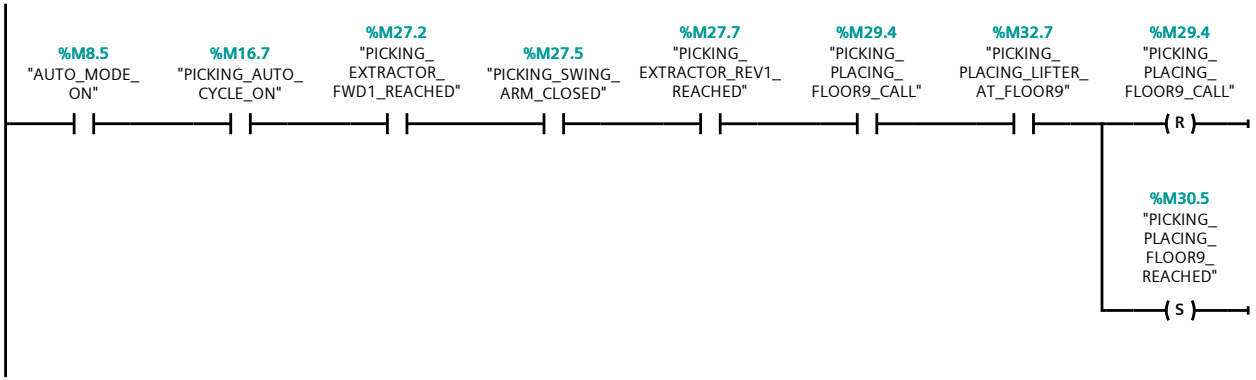
Network 81: PICKING_PLACING_FLOOR9_CALL_VALUE:



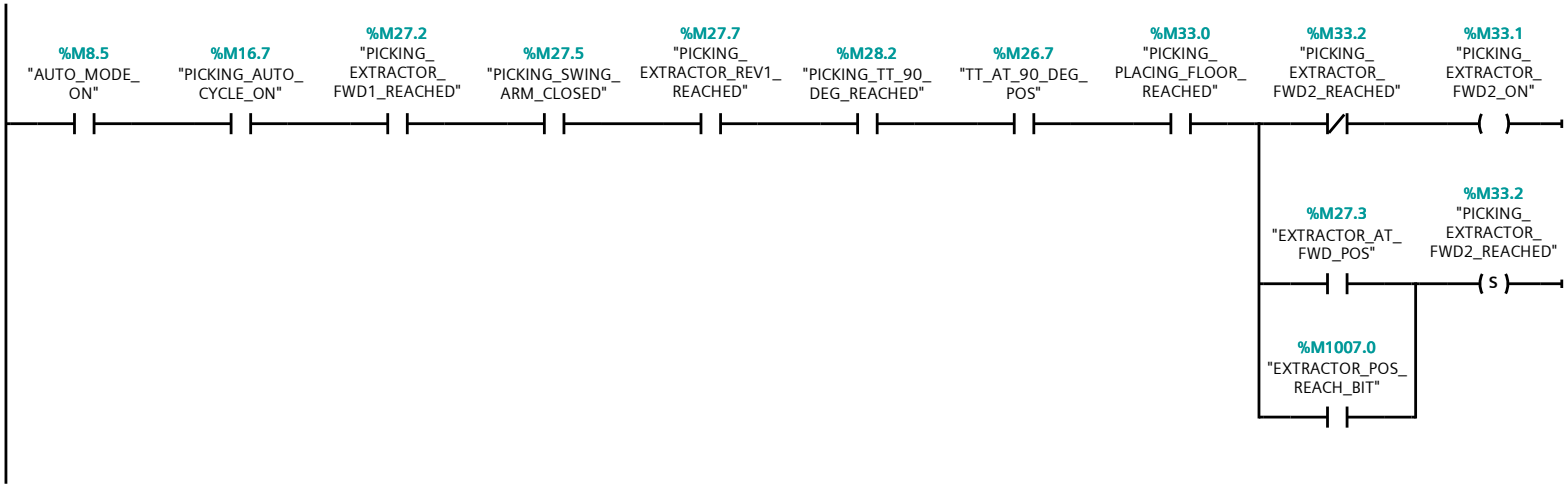
Network 82: FOR_CARTON_PLACING_LIFTER_AT_FLOOR9:



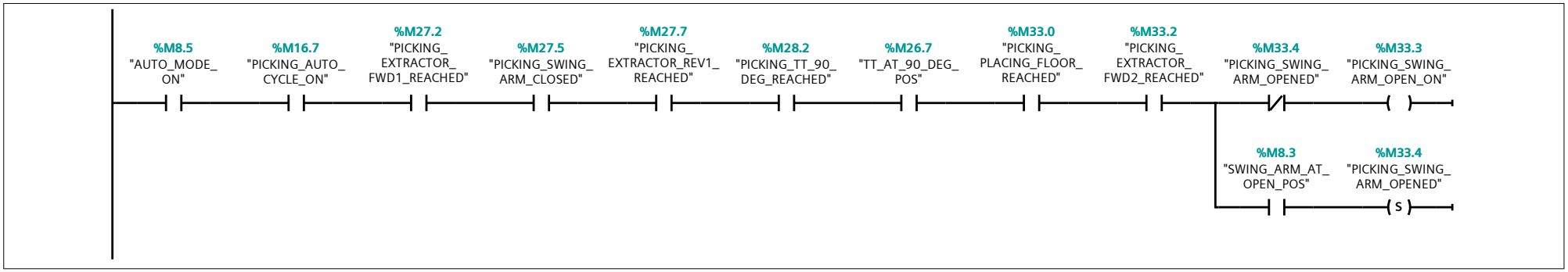
Network 83: AFTER_PICKING_NINTH_CARTON_NINTH_FLOOR_CALL_RESET:



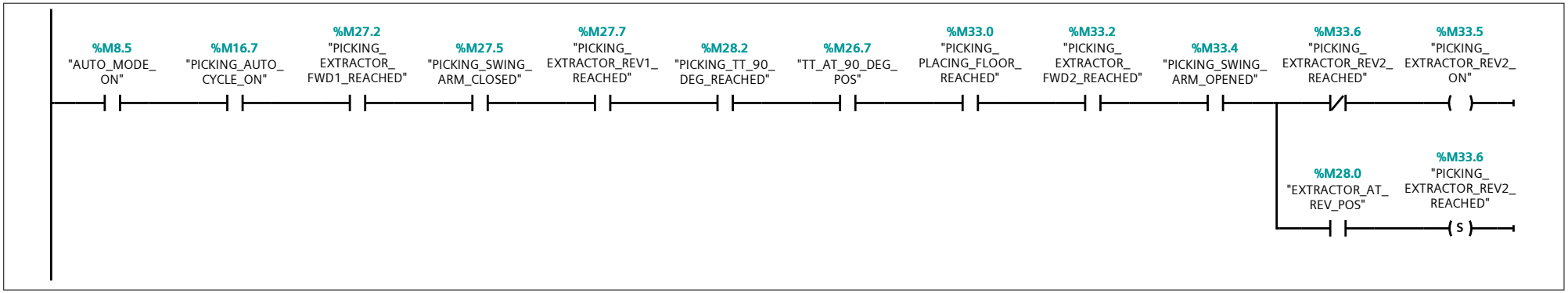
Network 84: EXTRACTOR_FORWARD_FOR_PLACING_CARTON_AT_INSIDE_ACR:



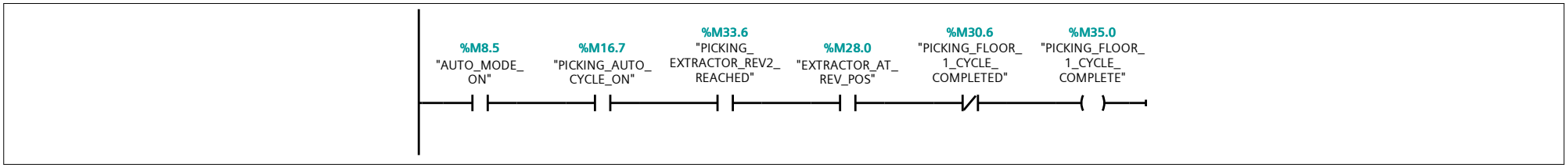
Network 85: SWING_ARM_OPEN_AT_INSIDE_ACR:



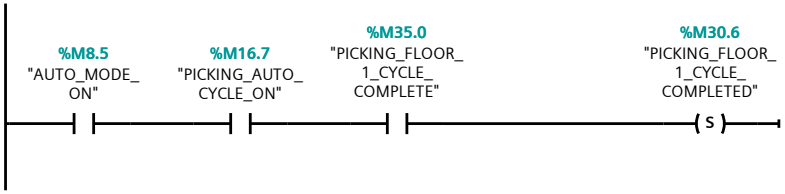
Network 86: EXTRACTOR_REVERSE_AFTER_PLACING_CARTON_AT_INSIDE_ACR:



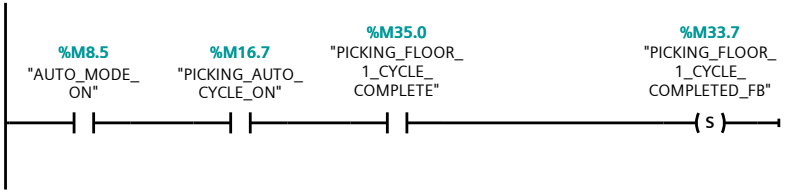
Network 87: PICKING_FIRST_FLOOR_CYCLE_COMPLETE:



Network 88: PICKING_FIRST_FLOOR_CYCLE_COMPLETED:

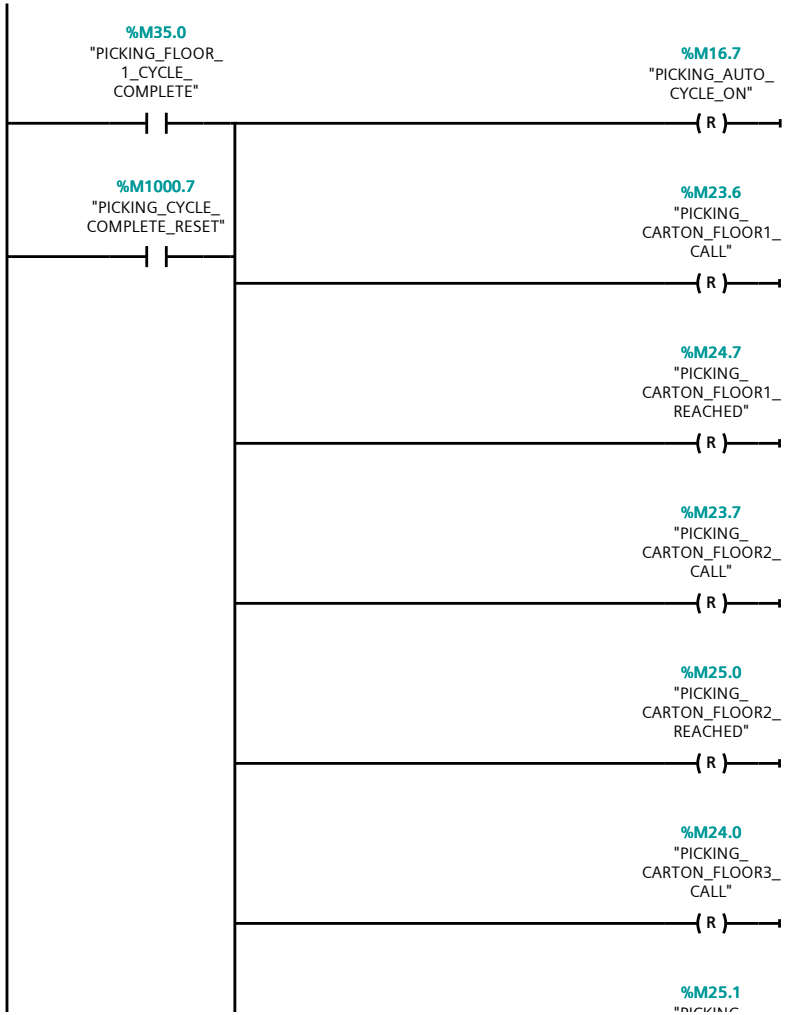


Network 89: PICKING_FIRST_FLOOR_CYCLE_COMPLETED_FB:



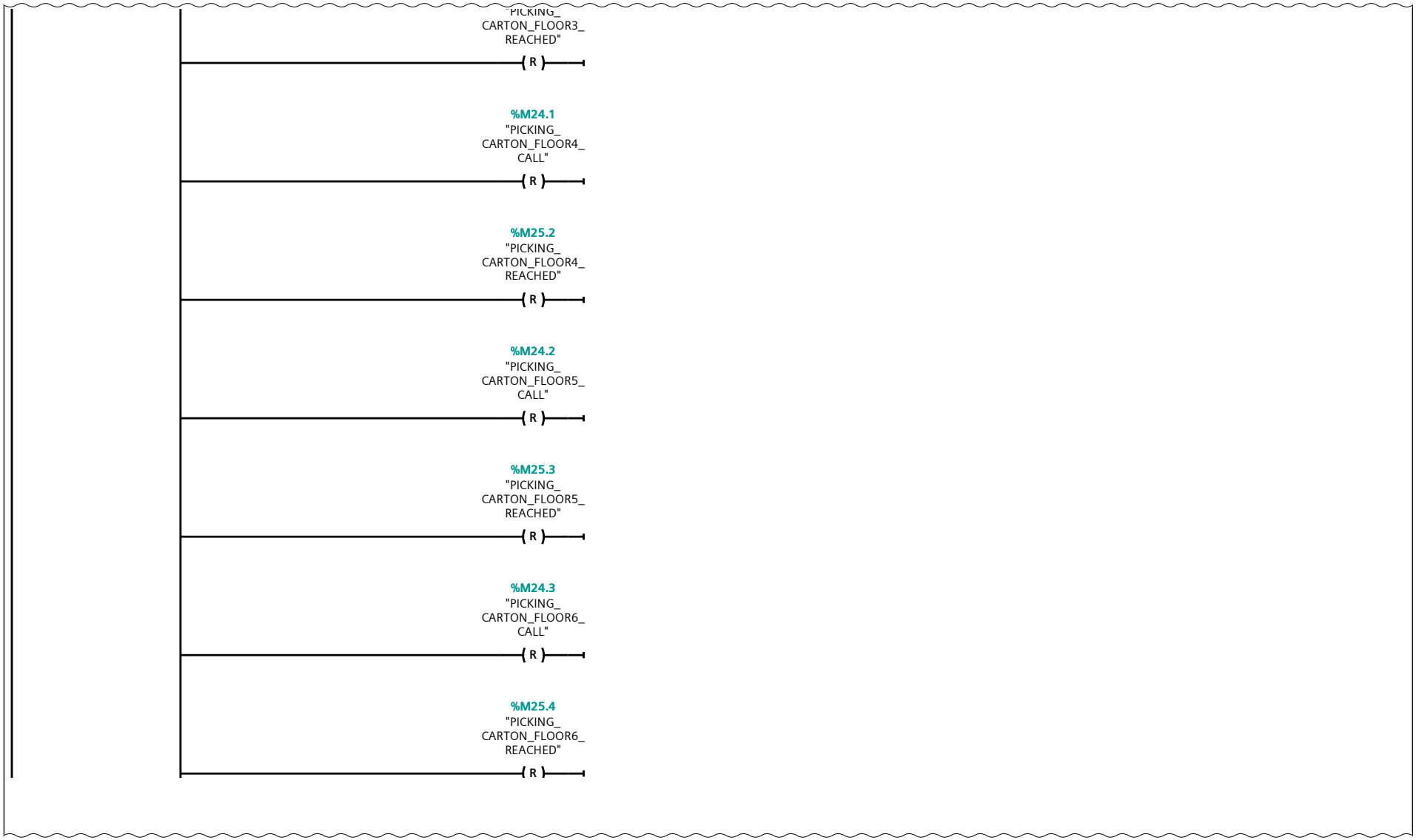
Network 90: PICKING_AUTO_CYCLE_RESET:

Network 90: PICKING_AUTO_CYCLE_RESET: (1.1 / 8.1)



Network 90: PICKING_AUTO_CYCLE_RESET: (2.1 / 8.1)

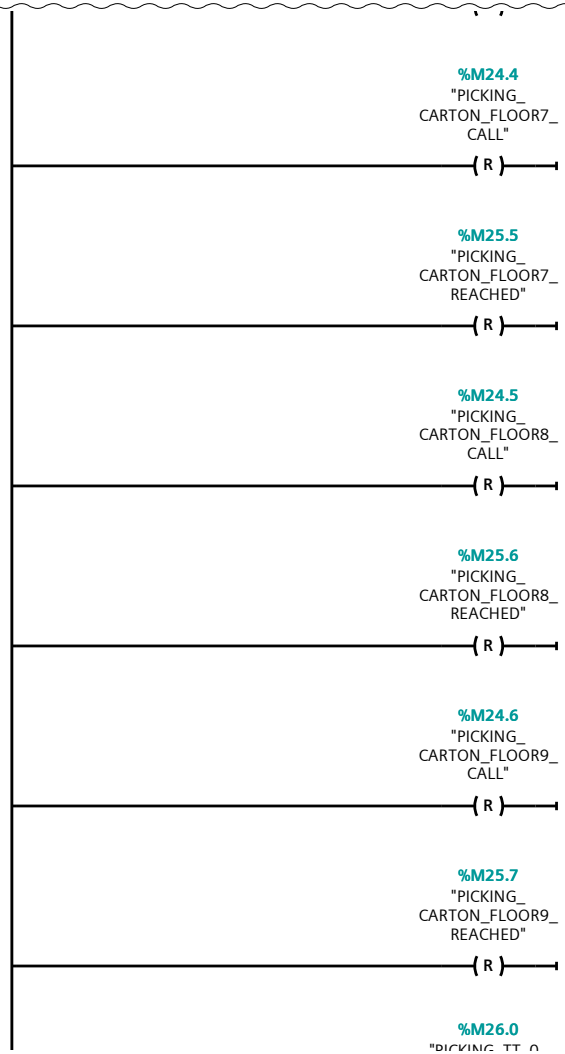
1.1 (Page1 - 39)



3.1 (Page1 - 41)

Network 90: PICKING_AUTO_CYCLE_RESET: (3.1 / 8.1)

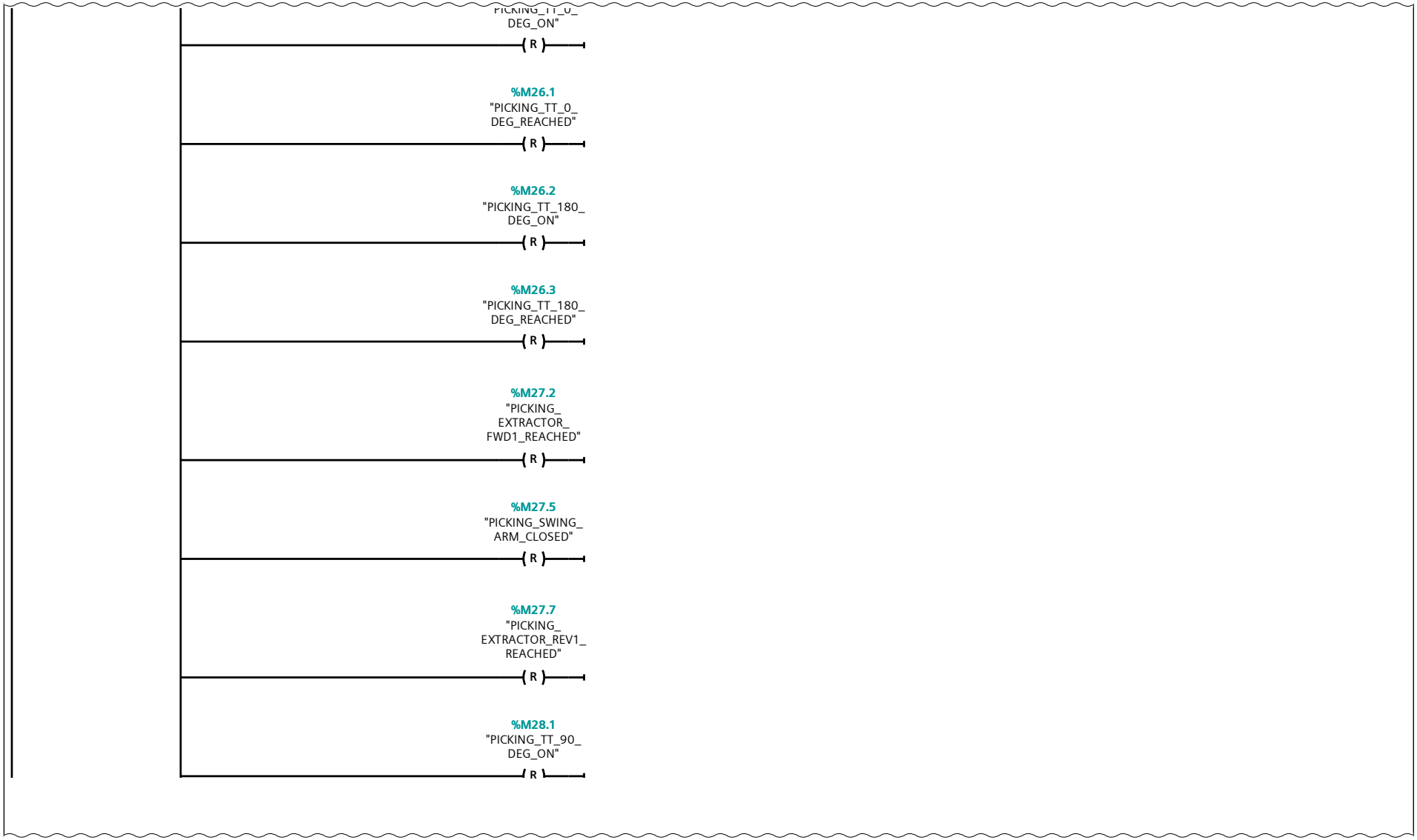
2.1 (Page1 - 40)



4.1 (Page1 - 42)

Network 90: PICKING_AUTO_CYCLE_RESET: (4.1 / 8.1)

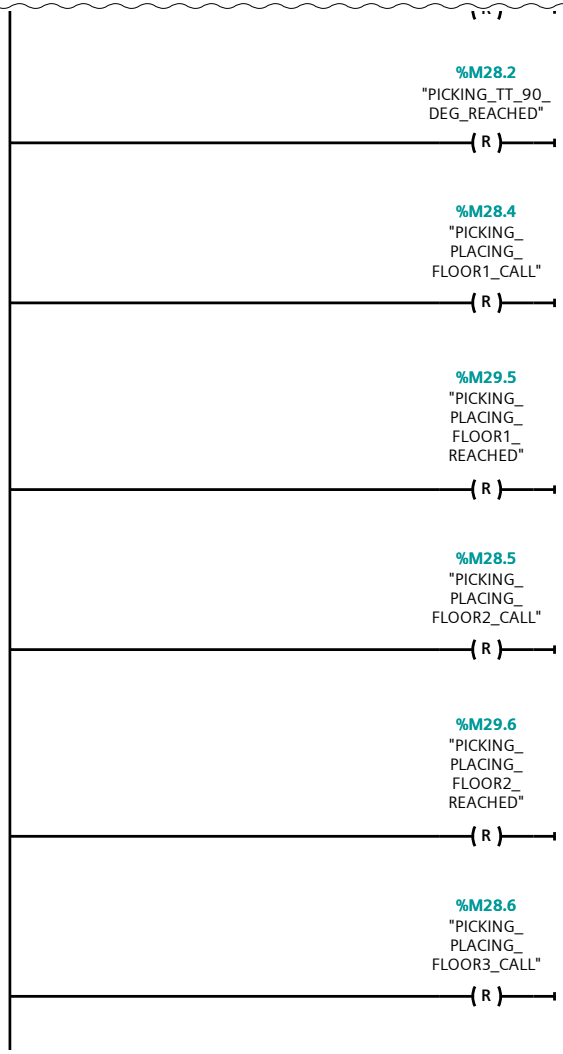
3.1 (Page1 - 41)



5.1 (Page1 - 43)

Network 90: PICKING_AUTO_CYCLE_RESET: (5.1 / 8.1)

4.1 (Page1 - 42)



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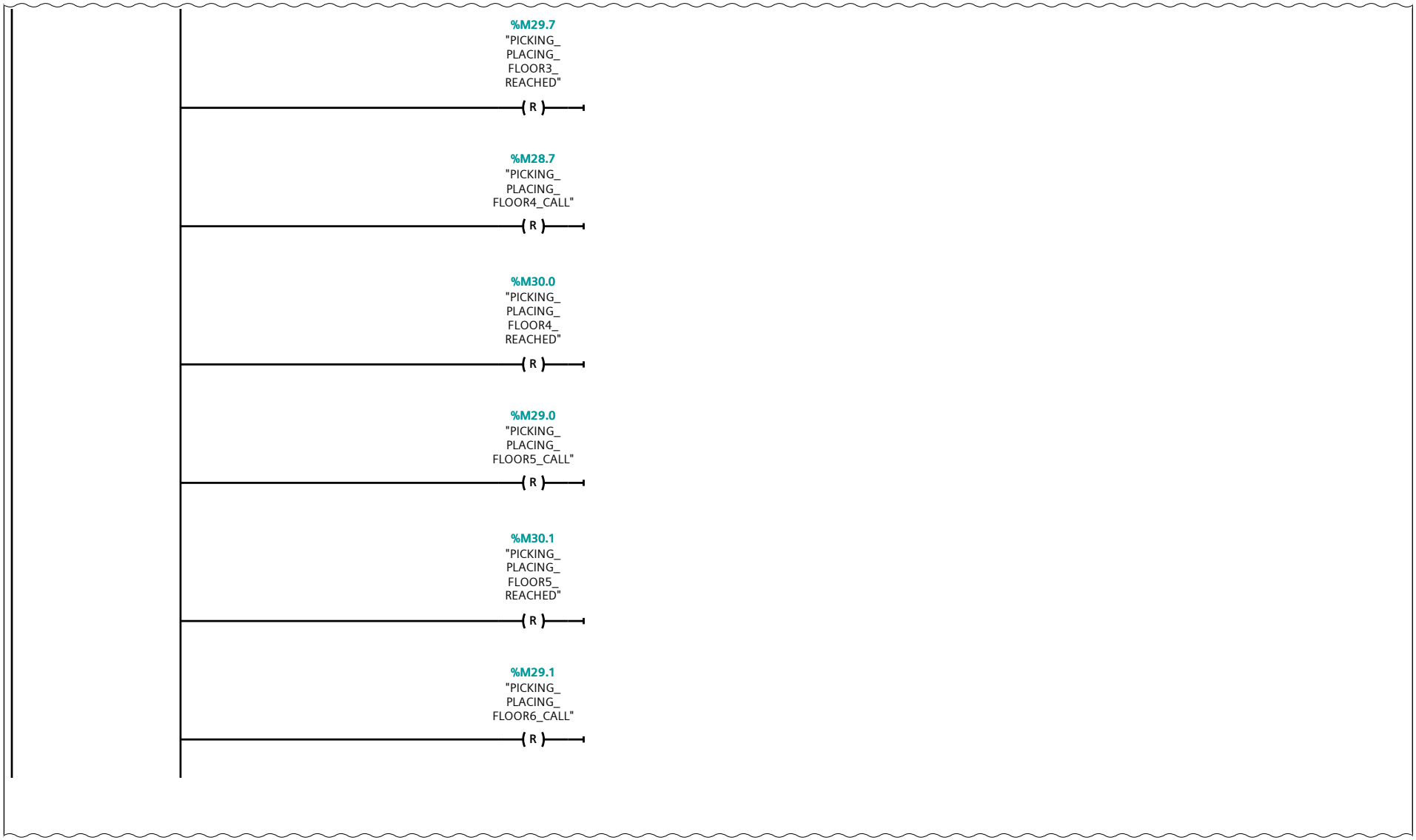
Network 90: PICKING_AUTO_CYCLE_RESET: (6.1 / 8.1)

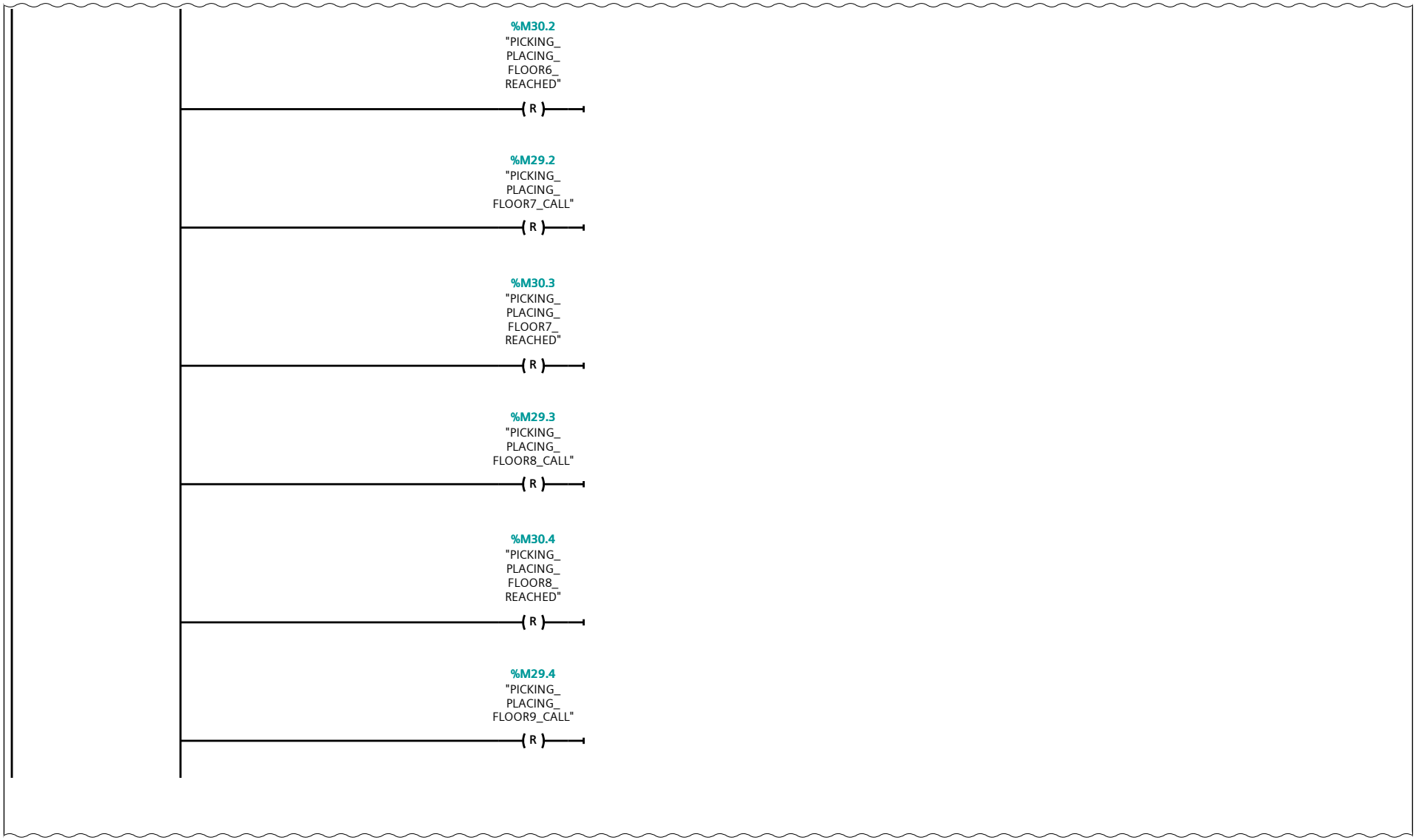
5.1 (Page1 - 43)



7.1 (Page1 - 45)

Network 90: PICKING_AUTO_CYCLE_RESET: (7.1 / 8.1)

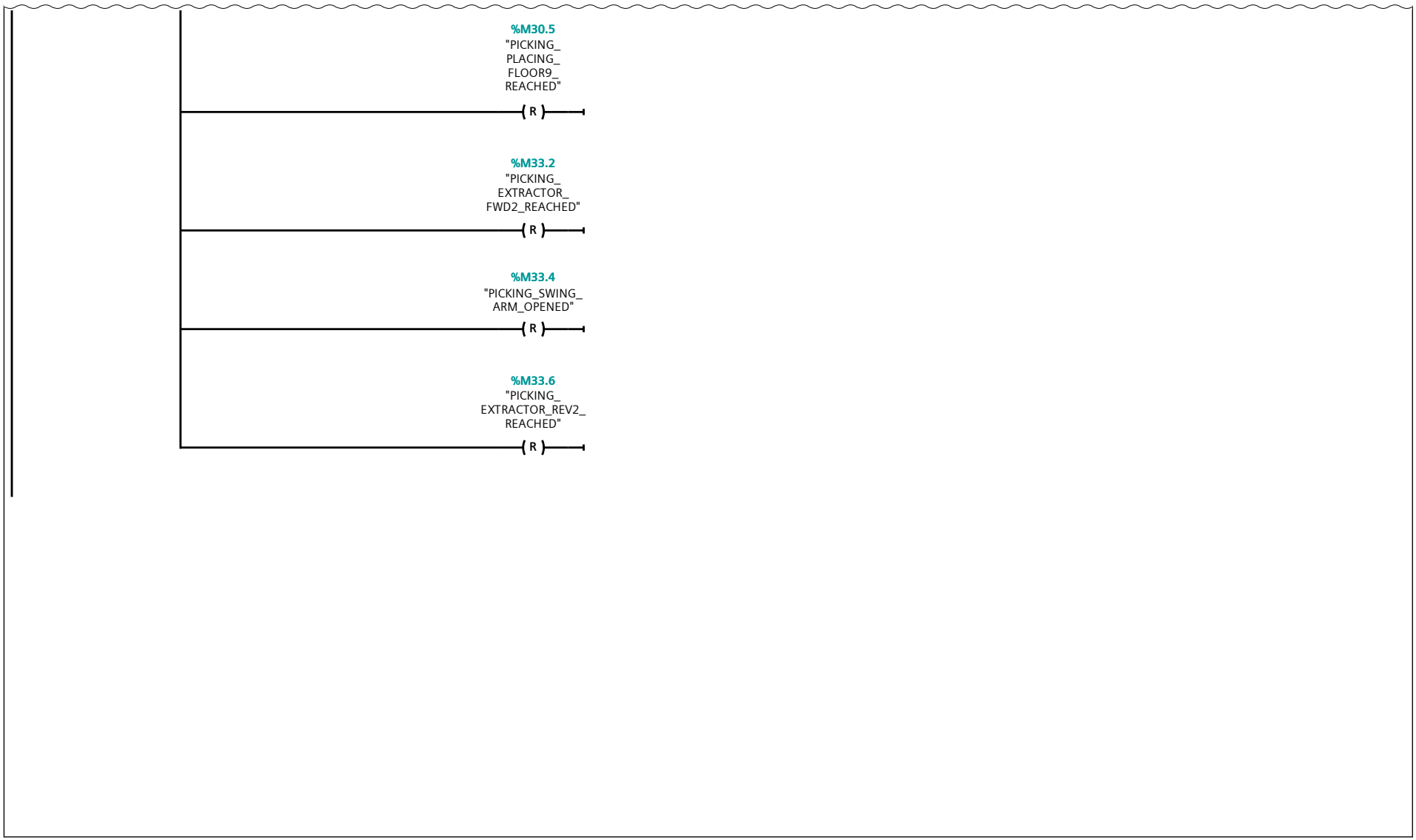
6.1 (Page1 - 44)



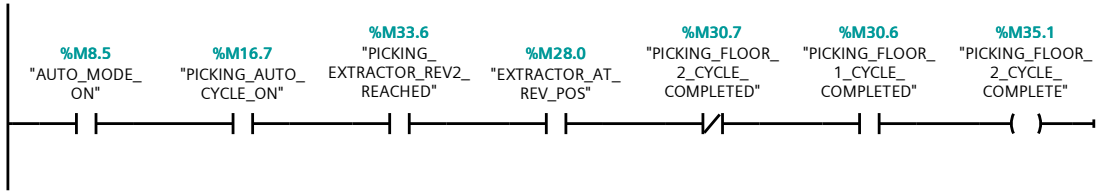
8.1 (Page1 - 46)

Network 90: PICKING_AUTO_CYCLE_RESET: (8.1 / 8.1)

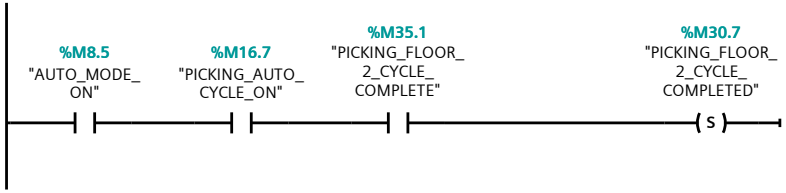
7.1 (Page1 - 45)



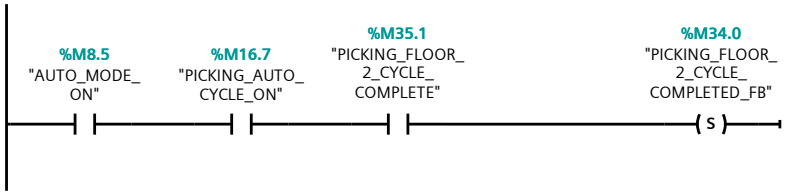
Network 91: PICKING_SECOND_FLOOR_CYCLE_COMPLETE:



Network 92: PICKING_SECOND_FLOOR_CYCLE_COMPLETED:

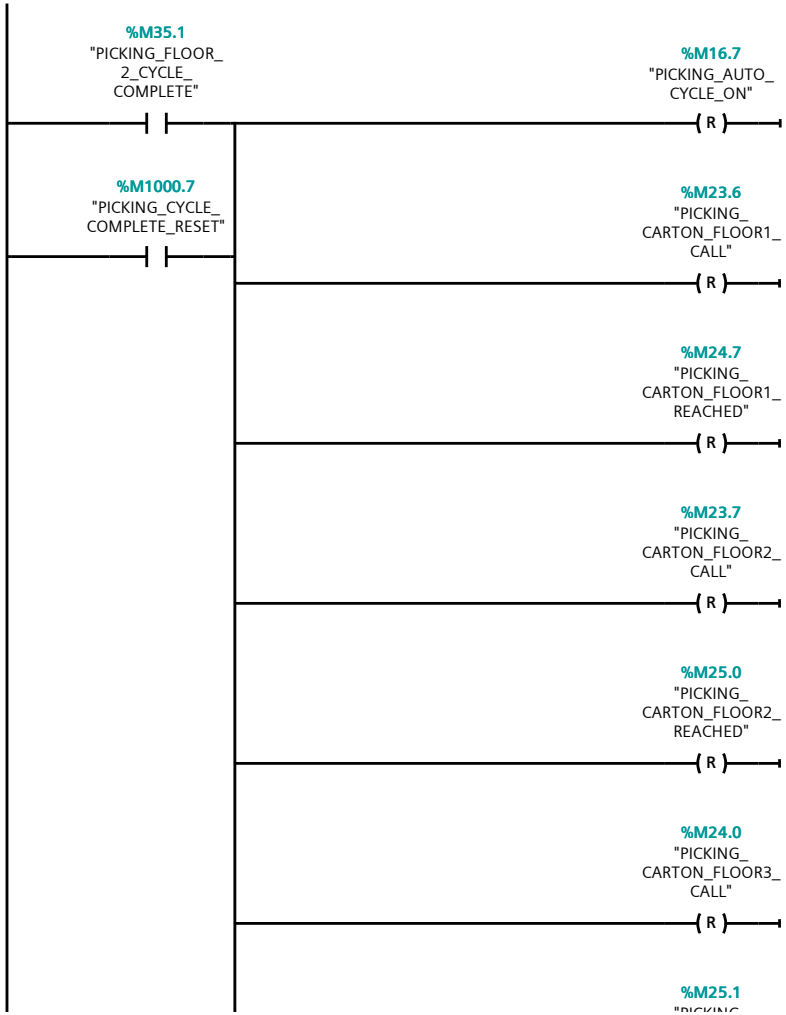


Network 93: PICKING_SECOND_FLOOR_CYCLE_COMPLETED_FB:



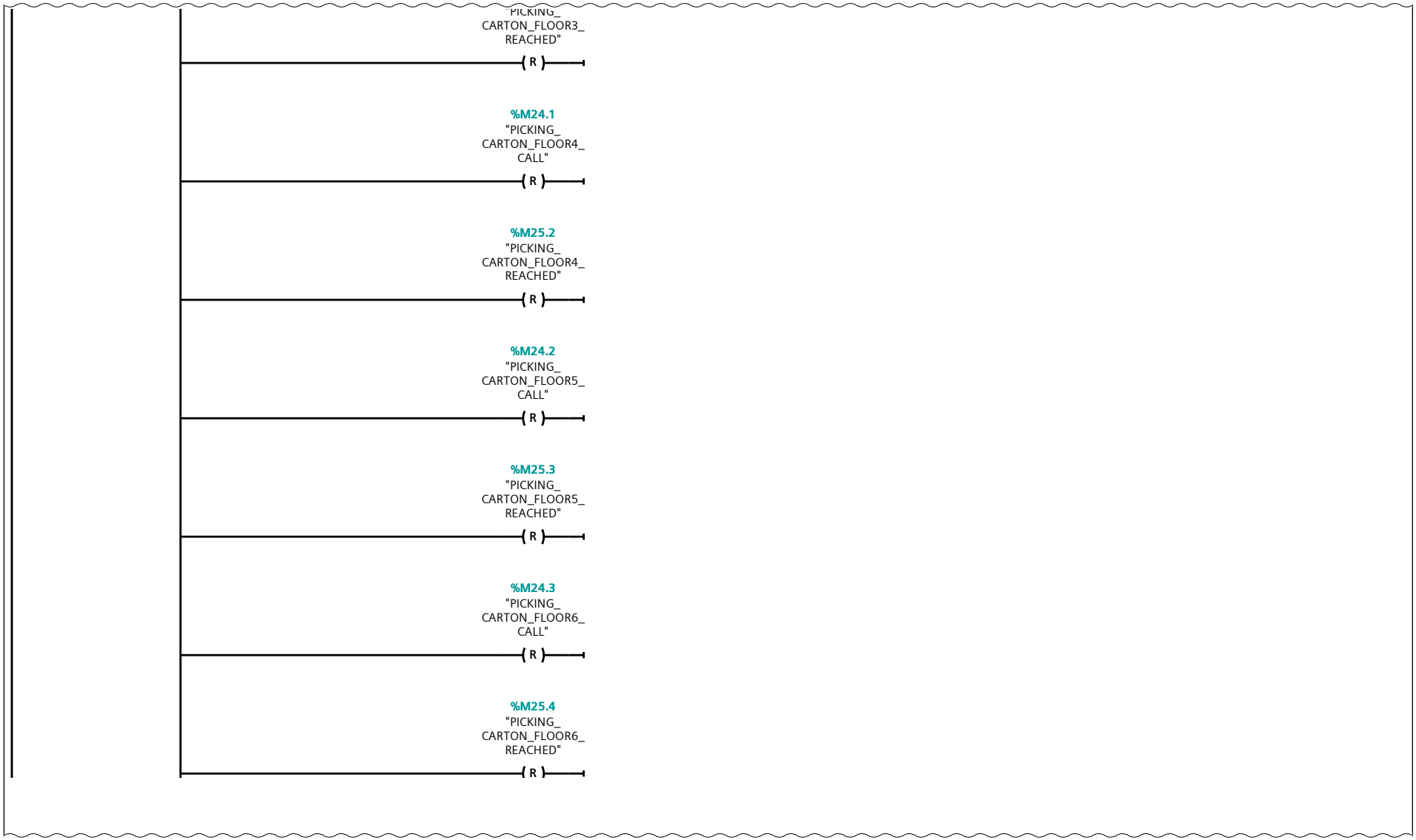
Network 94: PICKING_AUTO_CYCLE_RESET:

Network 94: PICKING_AUTO_CYCLE_RESET: (1.1 / 8.1)



Network 94: PICKING_AUTO_CYCLE_RESET: (2.1 / 8.1)

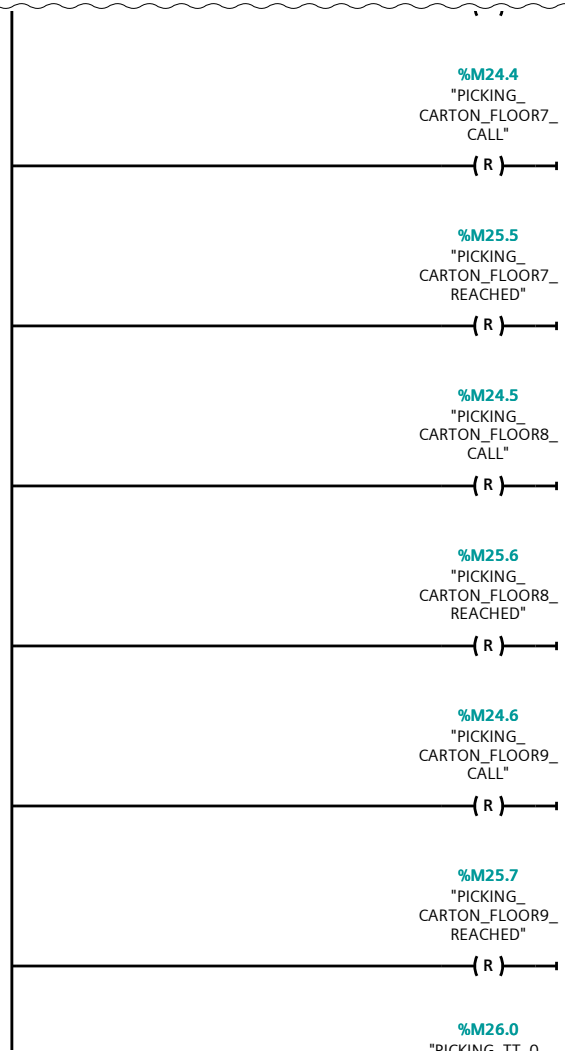
1.1 (Page1 - 48)



3.1 (Page1 - 50)

Network 94: PICKING_AUTO_CYCLE_RESET: (3.1 / 8.1)

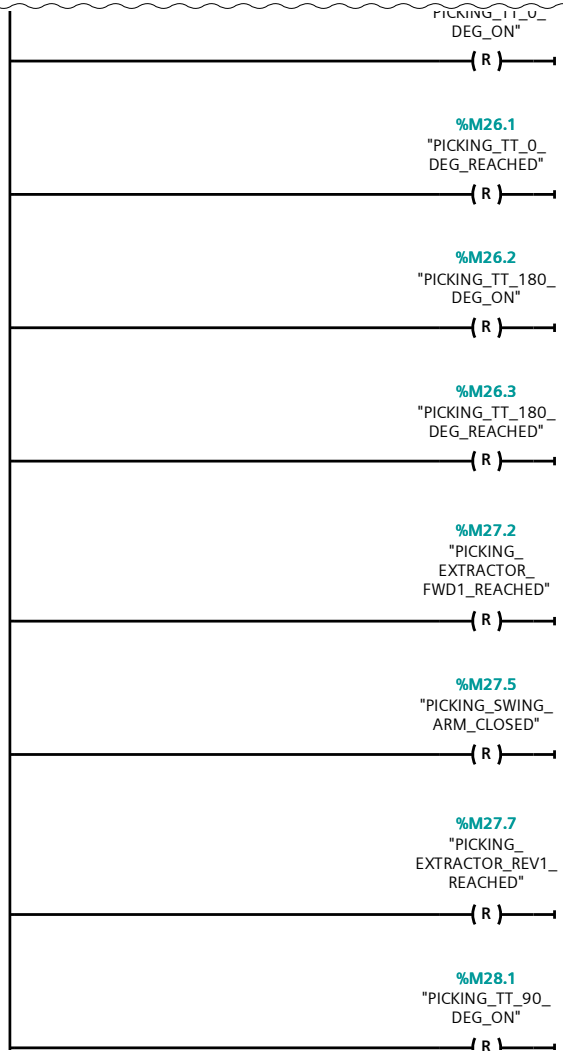
2.1 (Page1 - 49)



4.1 (Page1 - 51)

Network 94: PICKING_AUTO_CYCLE_RESET: (4.1 / 8.1)

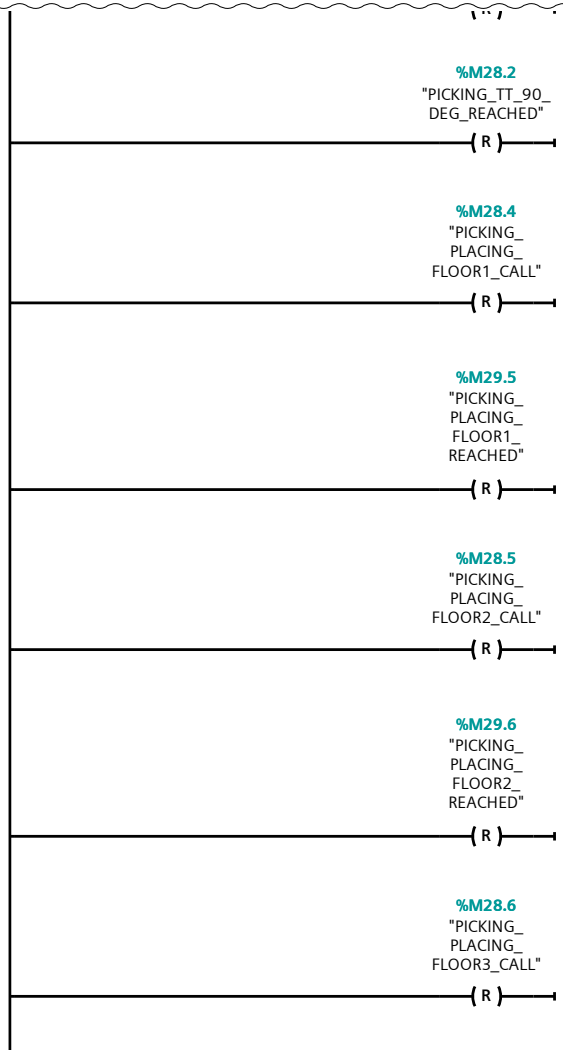
3.1 (Page1 - 50)



5.1 (Page1 - 52)

Network 94: PICKING_AUTO_CYCLE_RESET: (5.1 / 8.1)

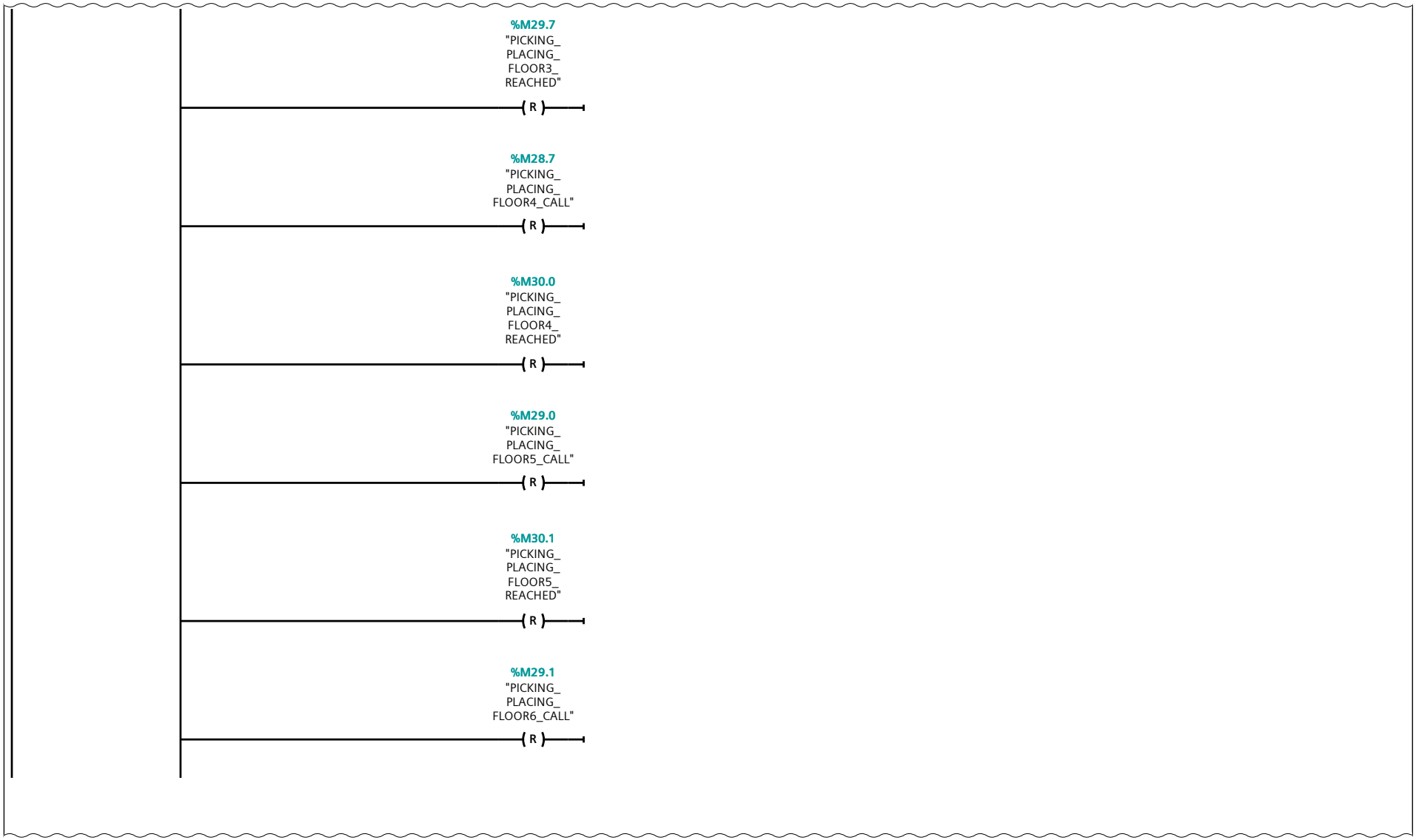
4.1 (Page1 - 51)



6.1 (Page1 - 53)

Network 94: PICKING_AUTO_CYCLE_RESET: (6.1 / 8.1)

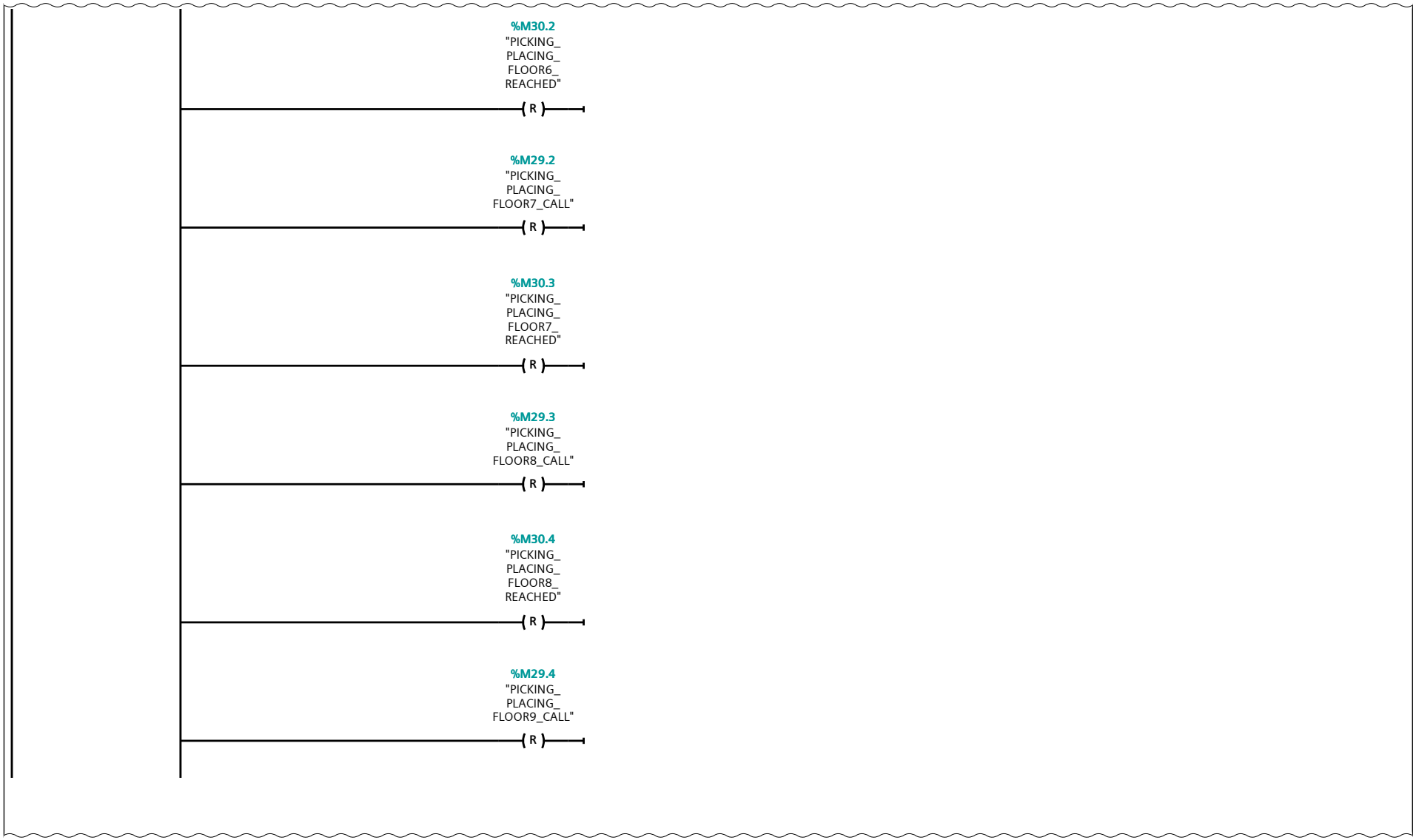
5.1 (Page1 - 52)



7.1 (Page1 - 54)

Network 94: PICKING_AUTO_CYCLE_RESET: (7.1 / 8.1)

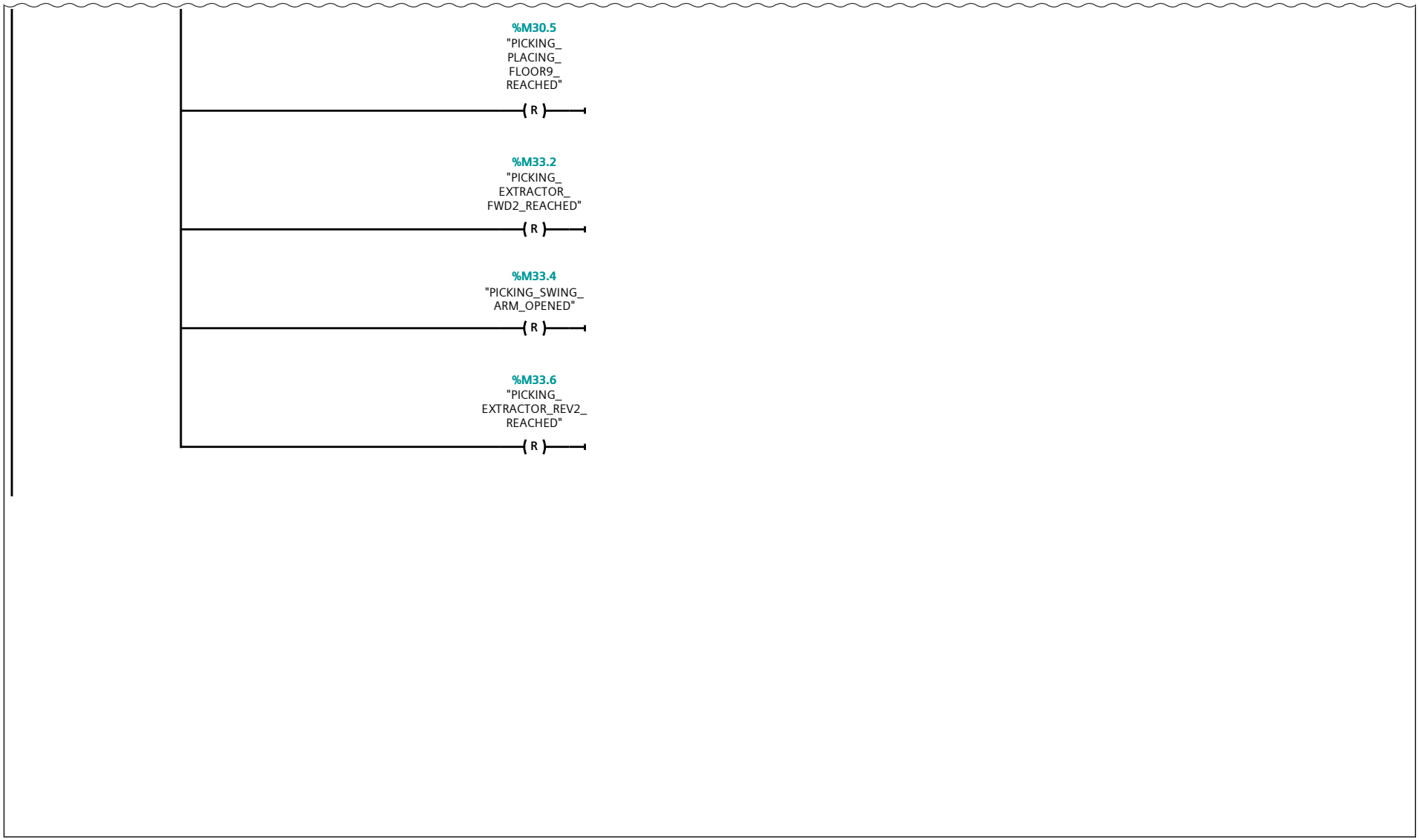
6.1 (Page1 - 53)



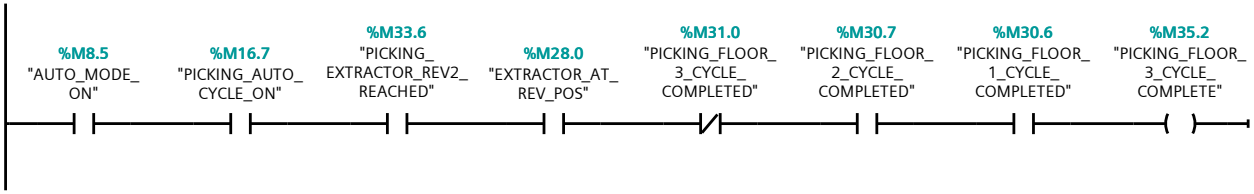
8.1 (Page1 - 55)

Network 94: PICKING_AUTO_CYCLE_RESET: (8.1 / 8.1)

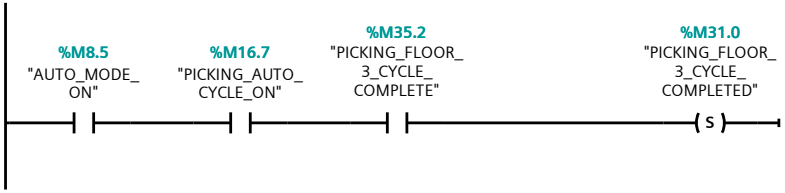
7.1 (Page1 - 54)



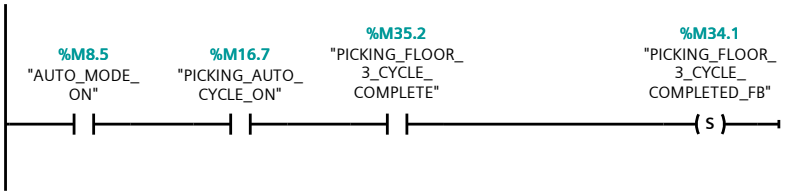
Network 95: PICKING_THIRD_FLOOR_CYCLE_COMPLETE:



Network 96: PICKING_THIRD_FLOOR_CYCLE_COMPLETED:

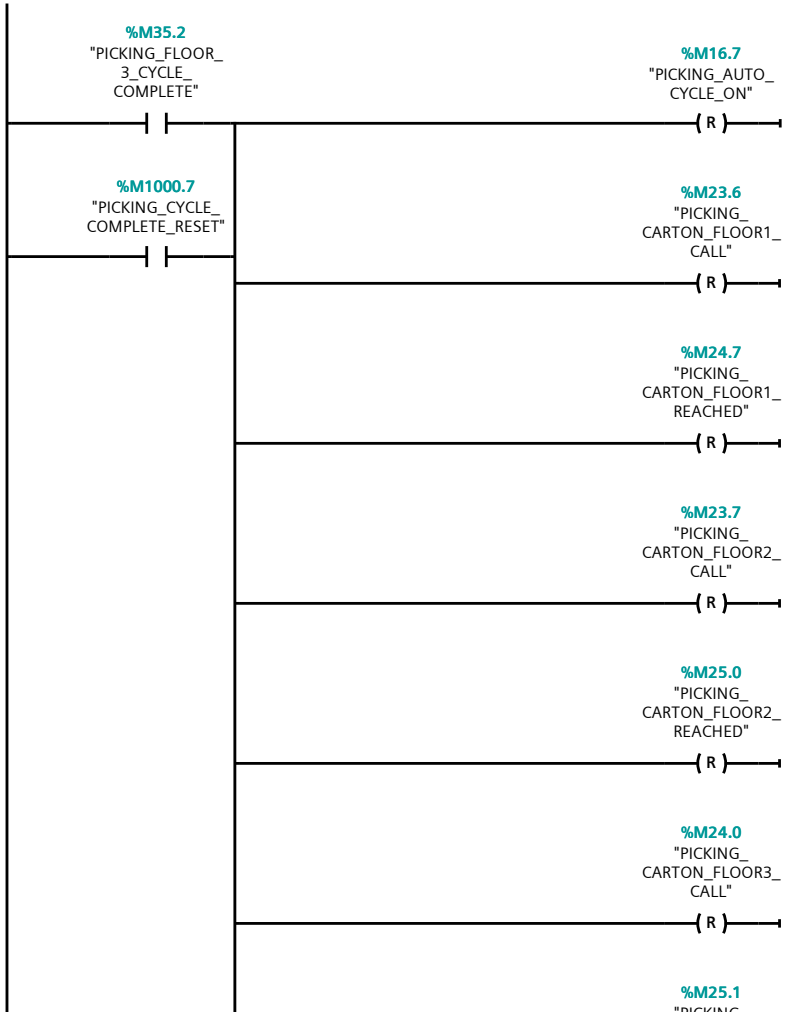


Network 97: PICKING_THIRD_FLOOR_CYCLE_COMPLETED_FB:



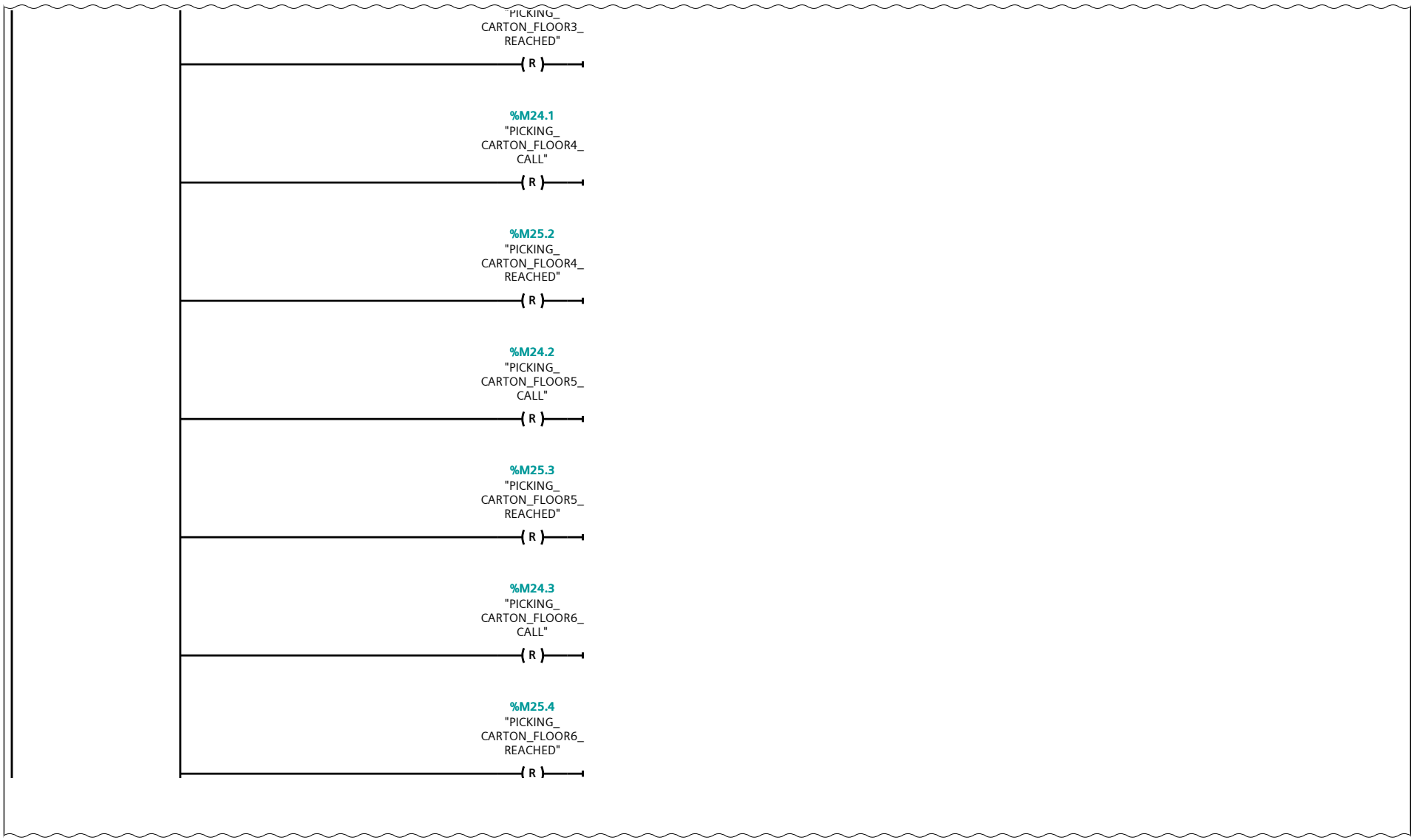
Network 98: PICKING_AUTO_CYCLE_RESET:

Network 98: PICKING_AUTO_CYCLE_RESET: (1.1 / 8.1)



Network 98: PICKING_AUTO_CYCLE_RESET: (2.1 / 8.1)

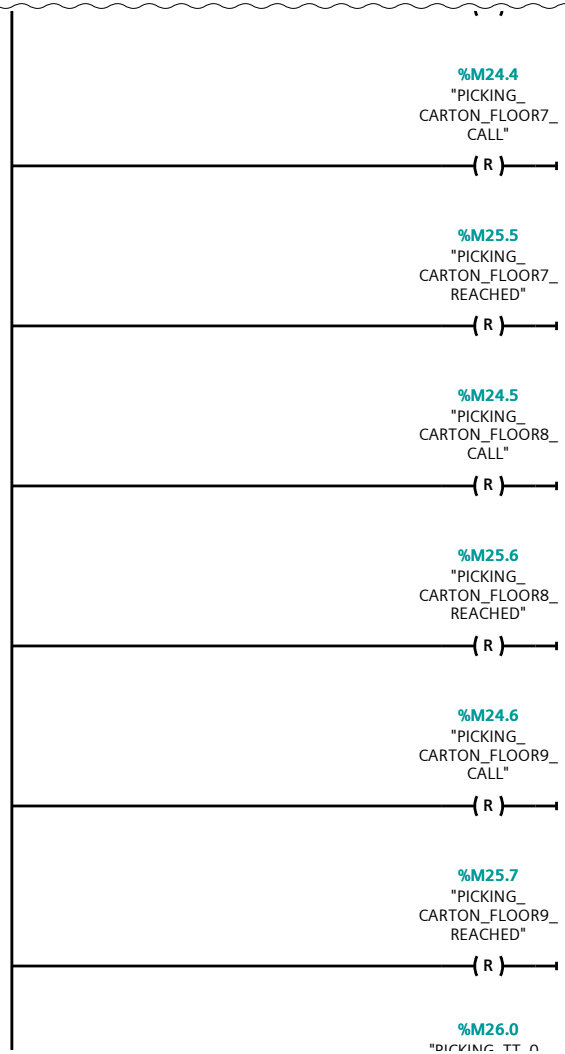
1.1 (Page1 - 57)



3.1 (Page1 - 59)

Network 98: PICKING_AUTO_CYCLE_RESET: (3.1 / 8.1)

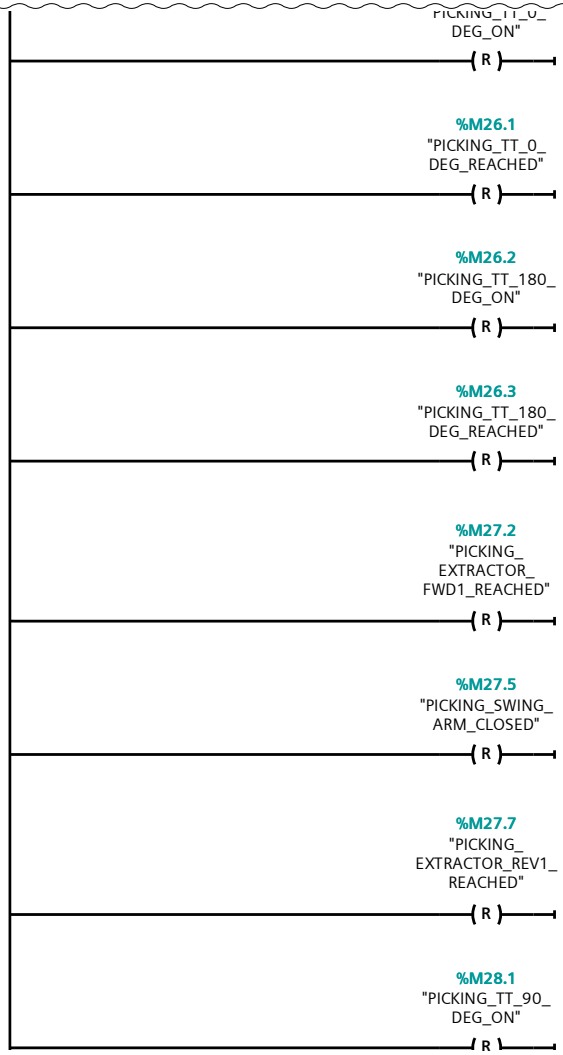
2.1 (Page1 - 58)



4.1 (Page1 - 60)

Network 98: PICKING_AUTO_CYCLE_RESET: (4.1 / 8.1)

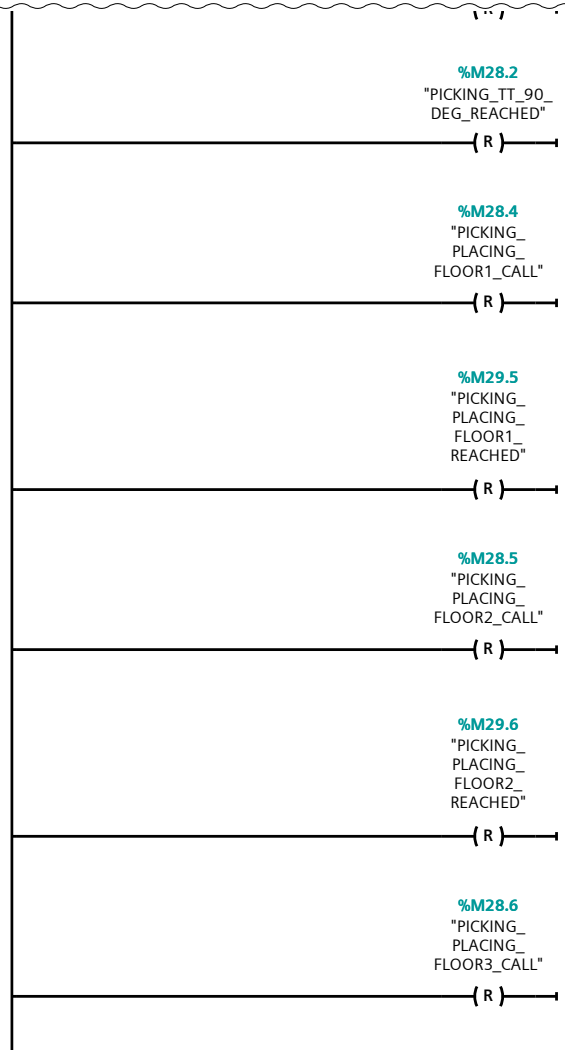
3.1 (Page1 - 59)



5.1 (Page1 - 61)

Network 98: PICKING_AUTO_CYCLE_RESET: (5.1 / 8.1)

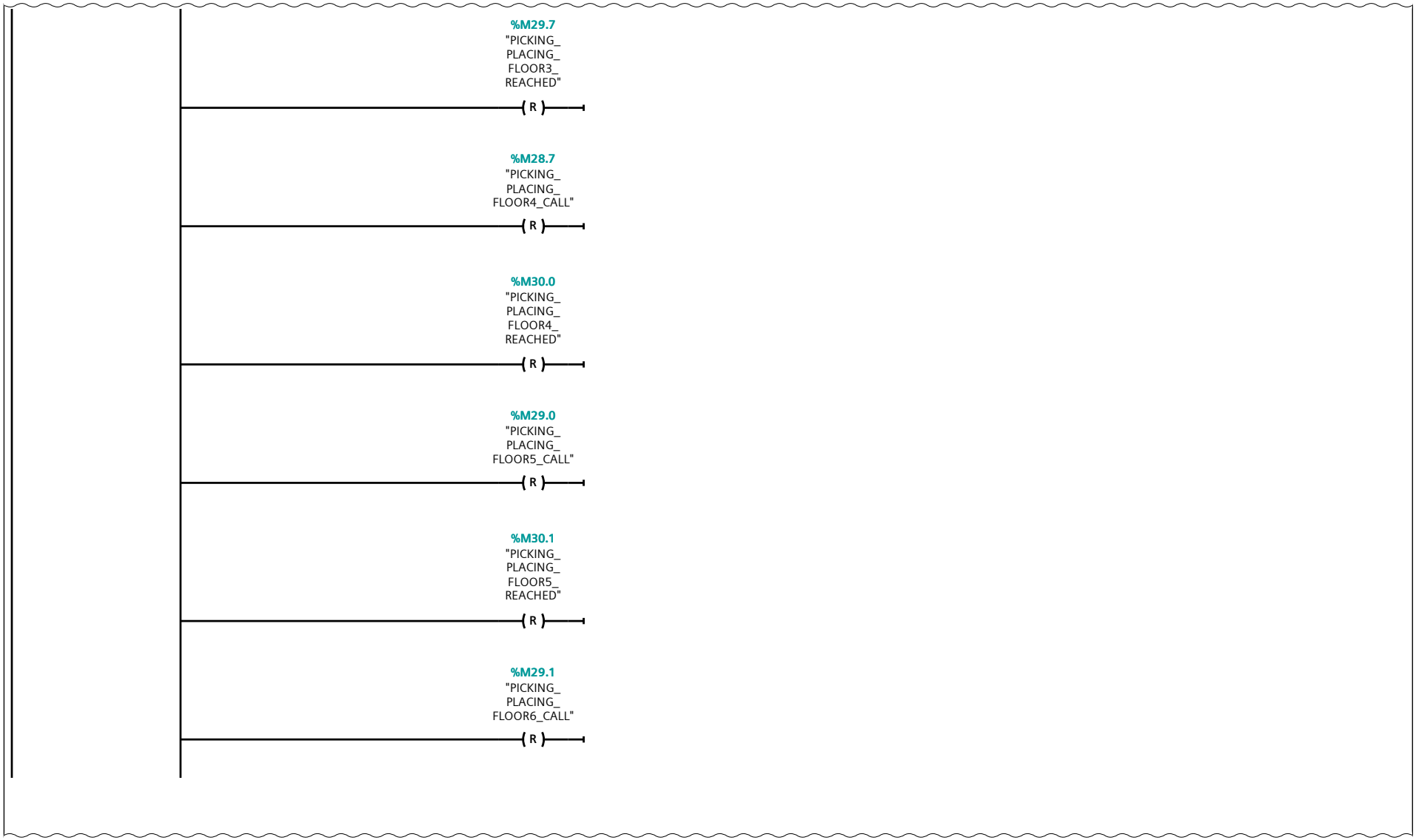
4.1 (Page1 - 60)



6.1 (Page1 - 62)

Network 98: PICKING_AUTO_CYCLE_RESET: (6.1 / 8.1)

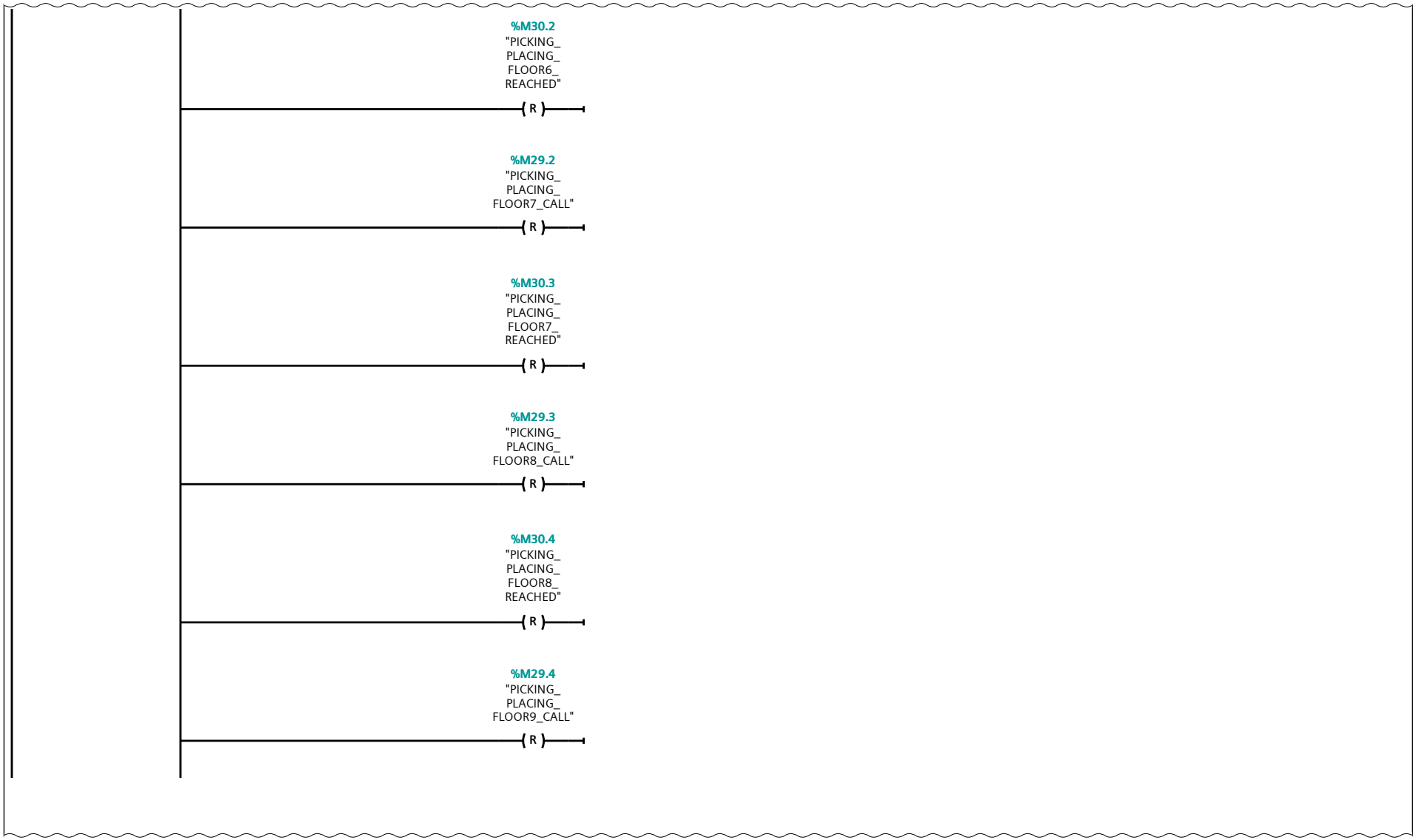
5.1 (Page1 - 61)



7.1 (Page1 - 63)

Network 98: PICKING_AUTO_CYCLE_RESET: (7.1 / 8.1)

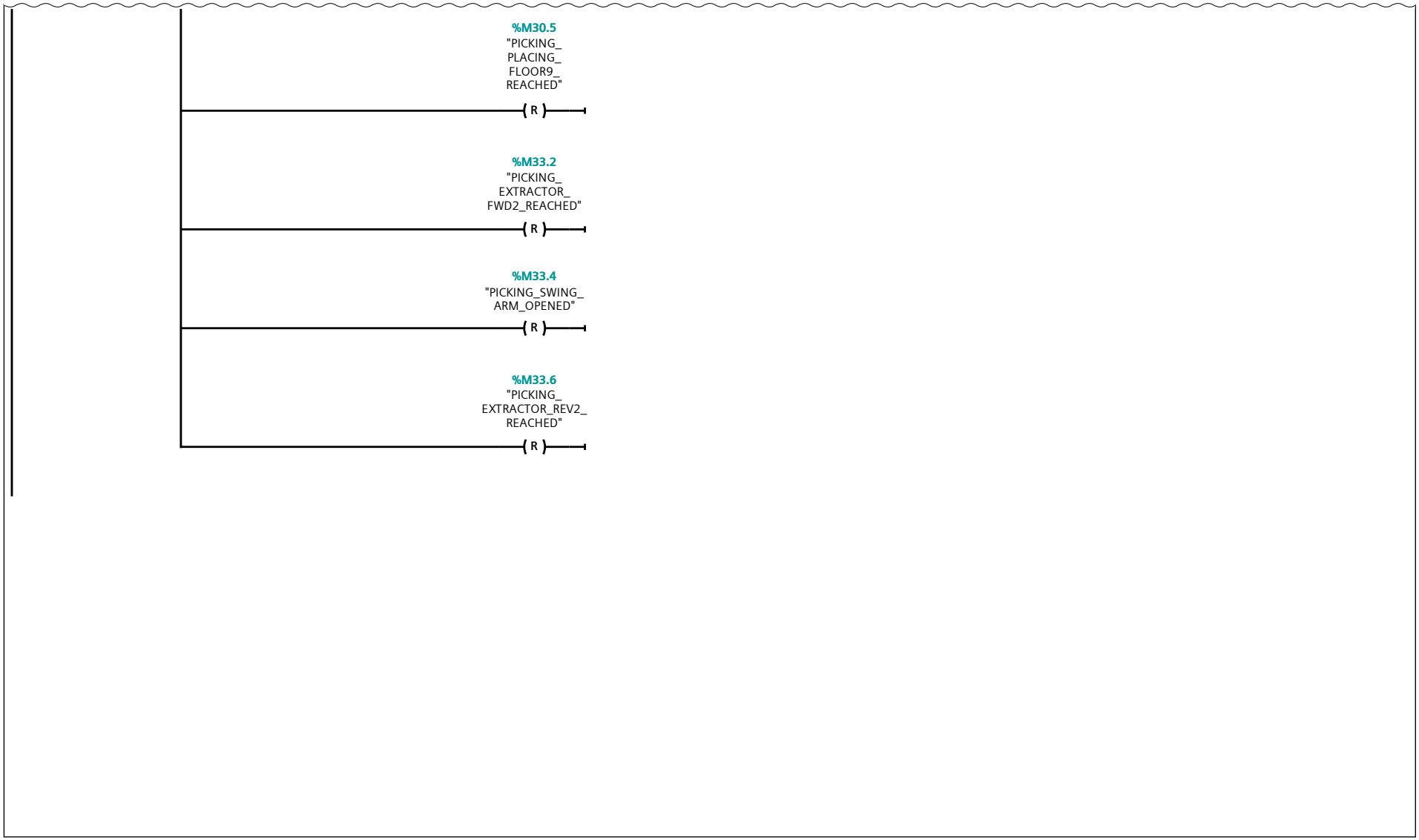
6.1 (Page1 - 62)



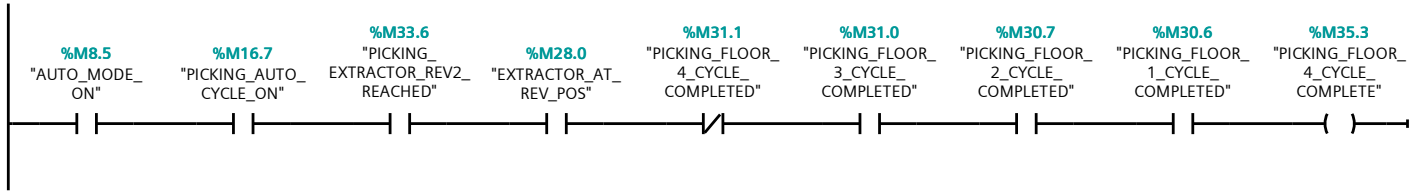
8.1 (Page1 - 64)

Network 98: PICKING_AUTO_CYCLE_RESET: (8.1 / 8.1)

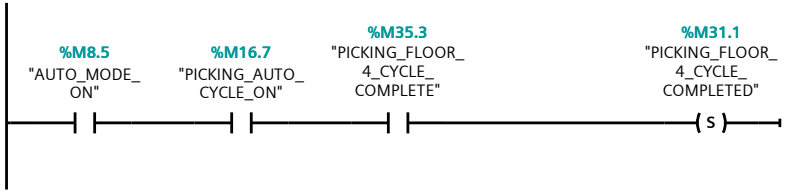
7.1 (Page1 - 63)



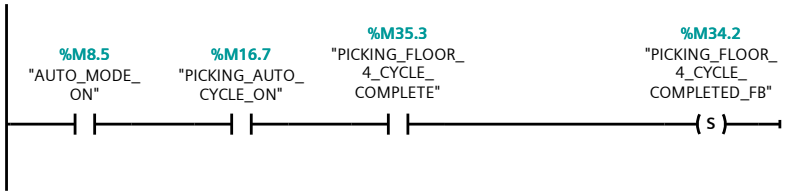
Network 99: PICKING_FOURTH_FLOOR_CYCLE_COMPLETE:



Network 100: PICKING_FOURTH_FLOOR_CYCLE_COMPLETED:

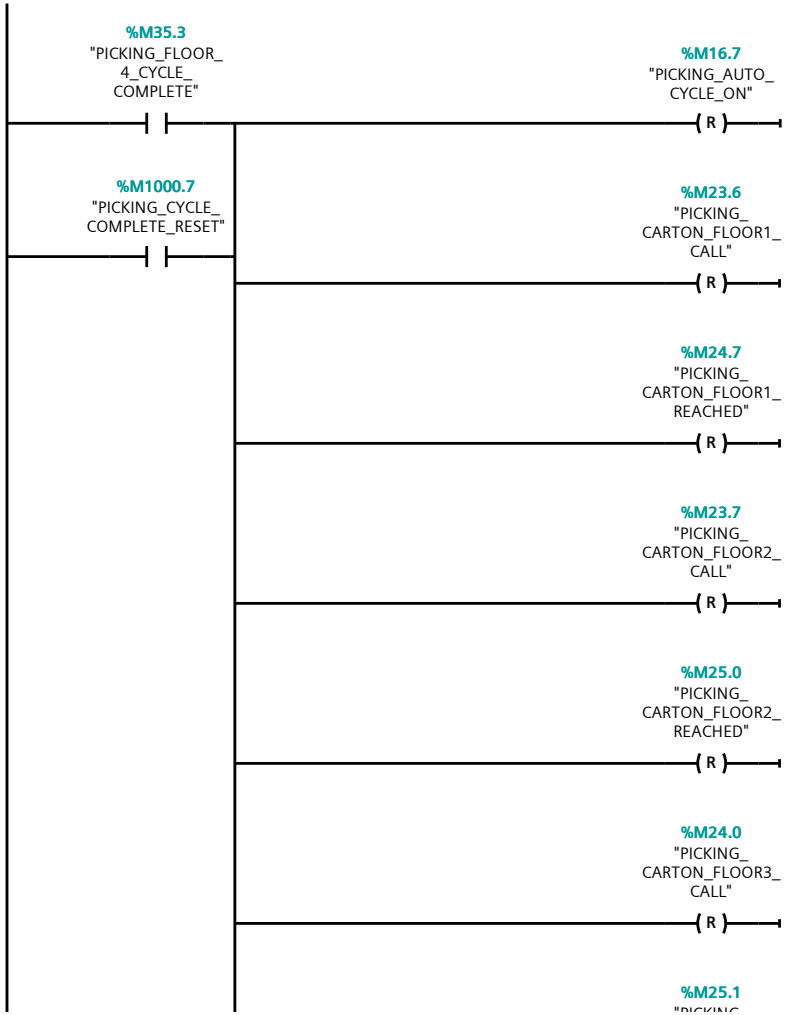


Network 101: PICKING_FOURTH_FLOOR_CYCLE_COMPLETED_FB:



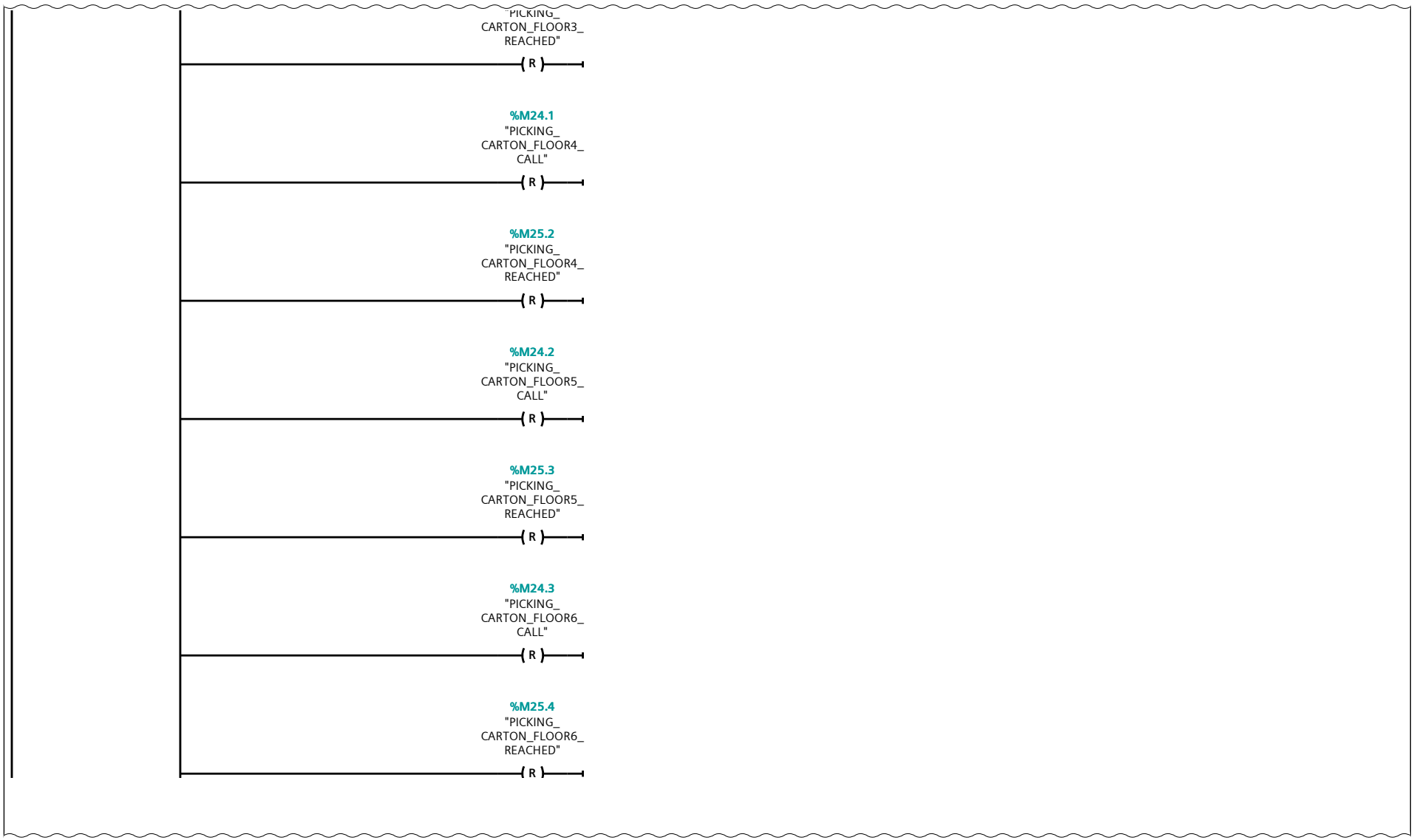
Network 102: PICKING_AUTO_CYCLE_RESET:

Network 102: PICKING_AUTO_CYCLE_RESET: (1.1 / 8.1)



Network 102: PICKING_AUTO_CYCLE_RESET: (2.1 / 8.1)

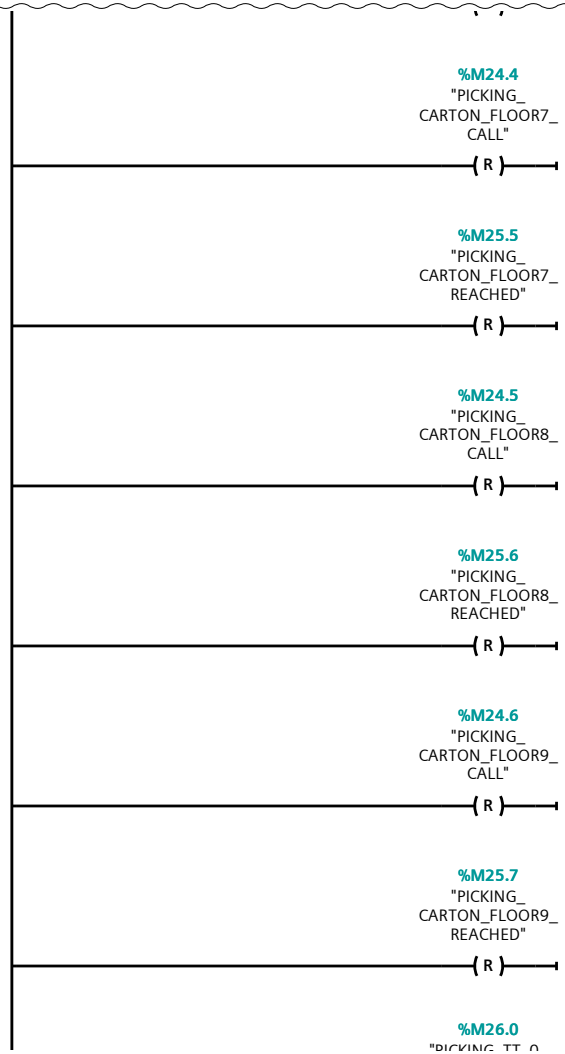
1.1 (Page1 - 66)



3.1 (Page1 - 68)

Network 102: PICKING_AUTO_CYCLE_RESET: (3.1 / 8.1)

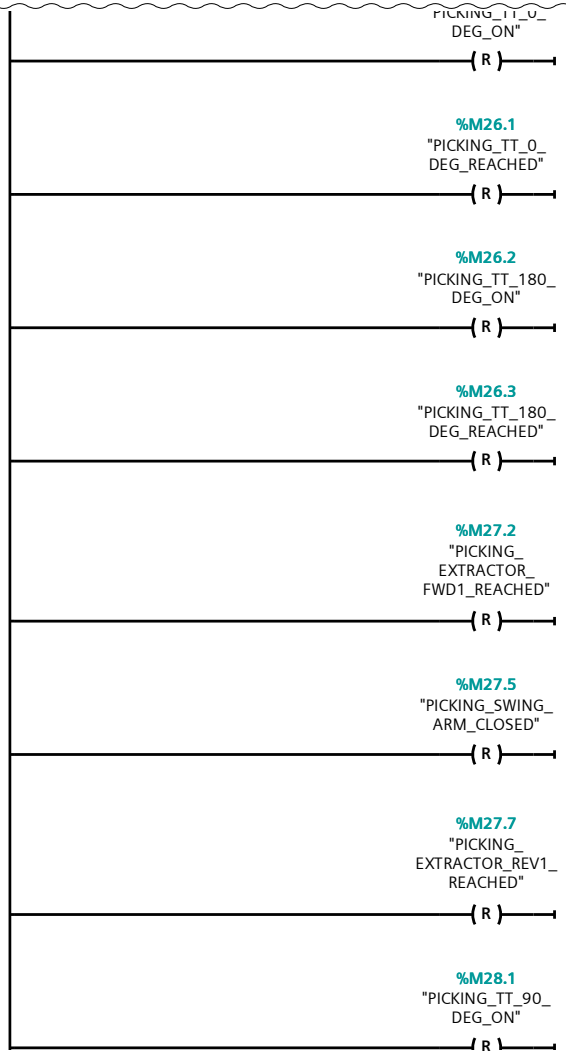
2.1 (Page1 - 67)



4.1 (Page1 - 69)

Network 102: PICKING_AUTO_CYCLE_RESET: (4.1 / 8.1)

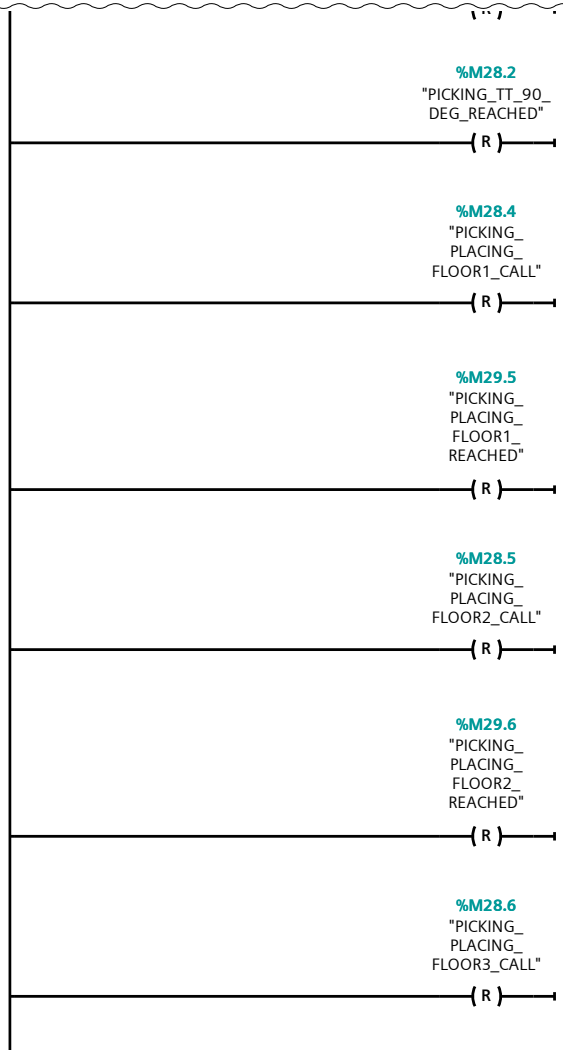
3.1 (Page1 - 68)



5.1 (Page1 - 70)

Network 102: PICKING_AUTO_CYCLE_RESET: (5.1 / 8.1)

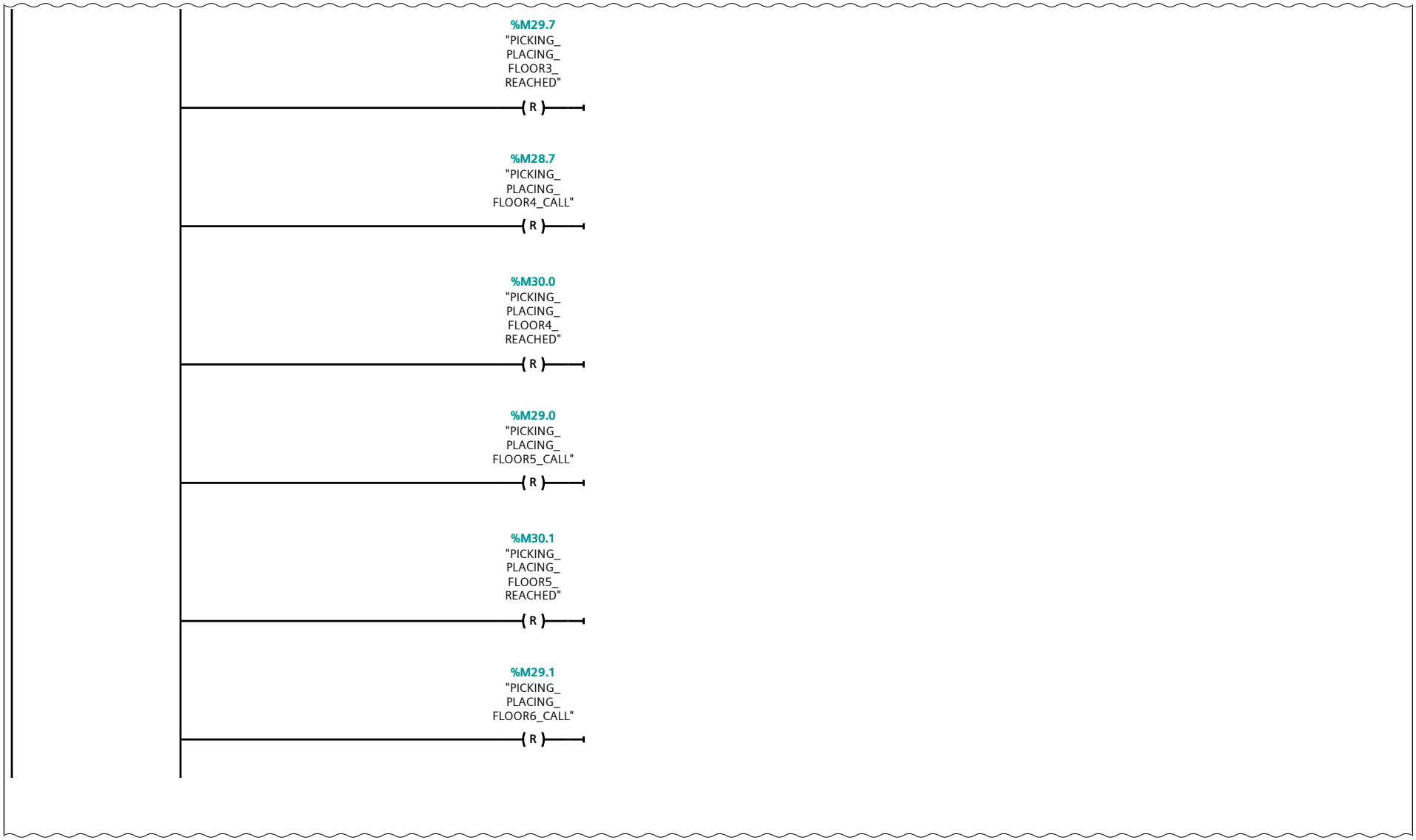
4.1 (Page1 - 69)



6.1 (Page1 - 71)

Network 102: PICKING_AUTO_CYCLE_RESET: (6.1 / 8.1)

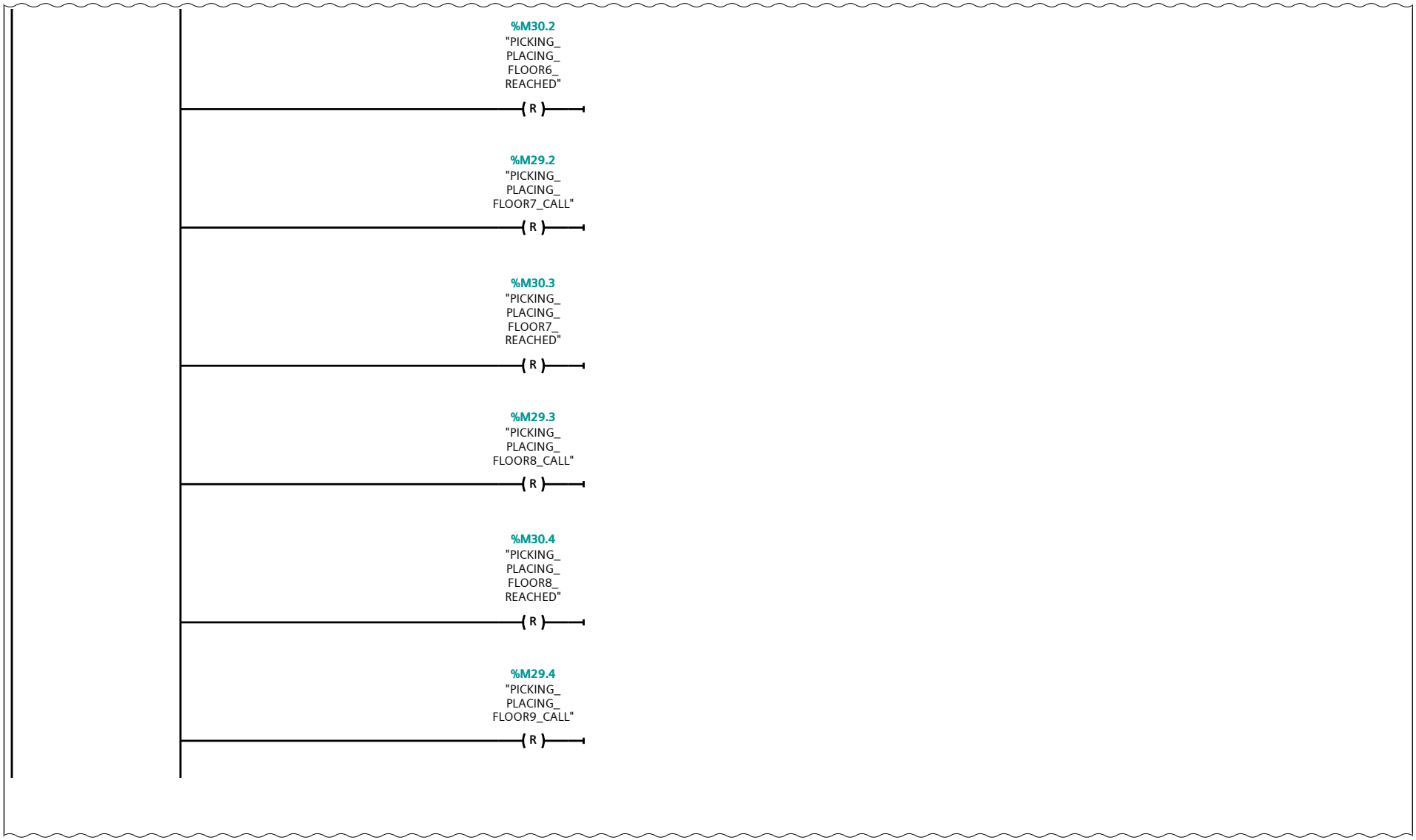
5.1 (Page1 - 70)



7.1 (Page1 - 72)

Network 102: PICKING_AUTO_CYCLE_RESET: (7.1 / 8.1)

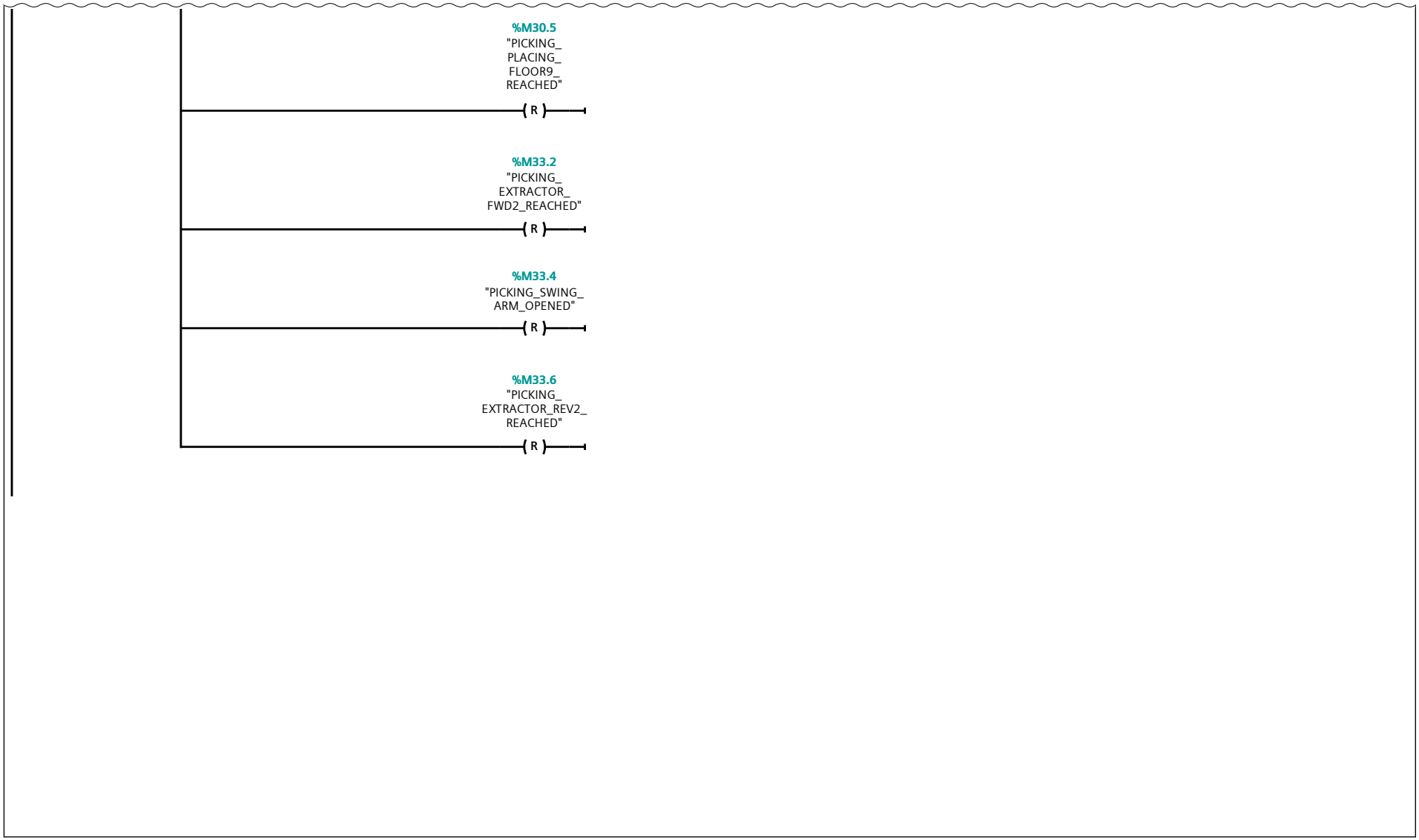
6.1 (Page1 - 71)



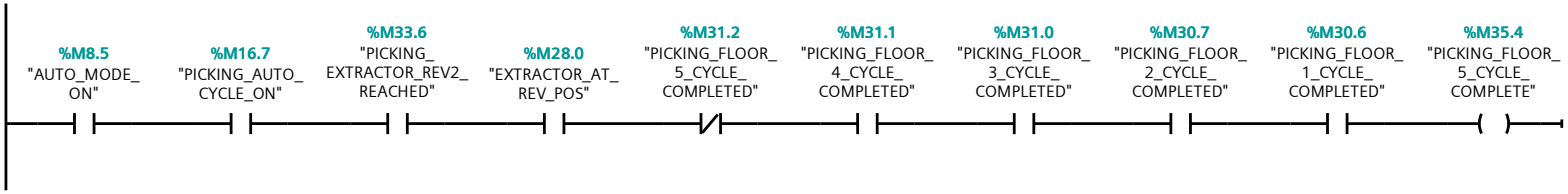
8.1 (Page1 - 73)

Network 102: PICKING_AUTO_CYCLE_RESET: (8.1 / 8.1)

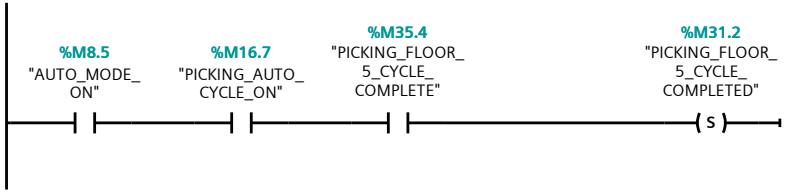
7.1 (Page1 - 72)



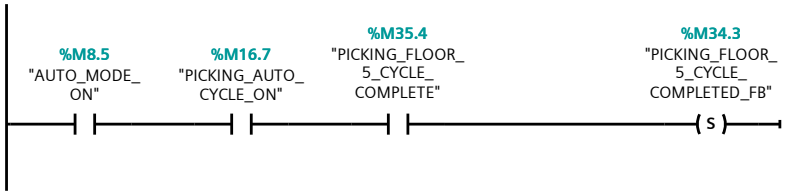
Network 103: PICKING_FIFTH_FLOOR_CYCLE_COMPLETE:



Network 104: PICKING_FIFTH_FLOOR_CYCLE_COMPLETED:

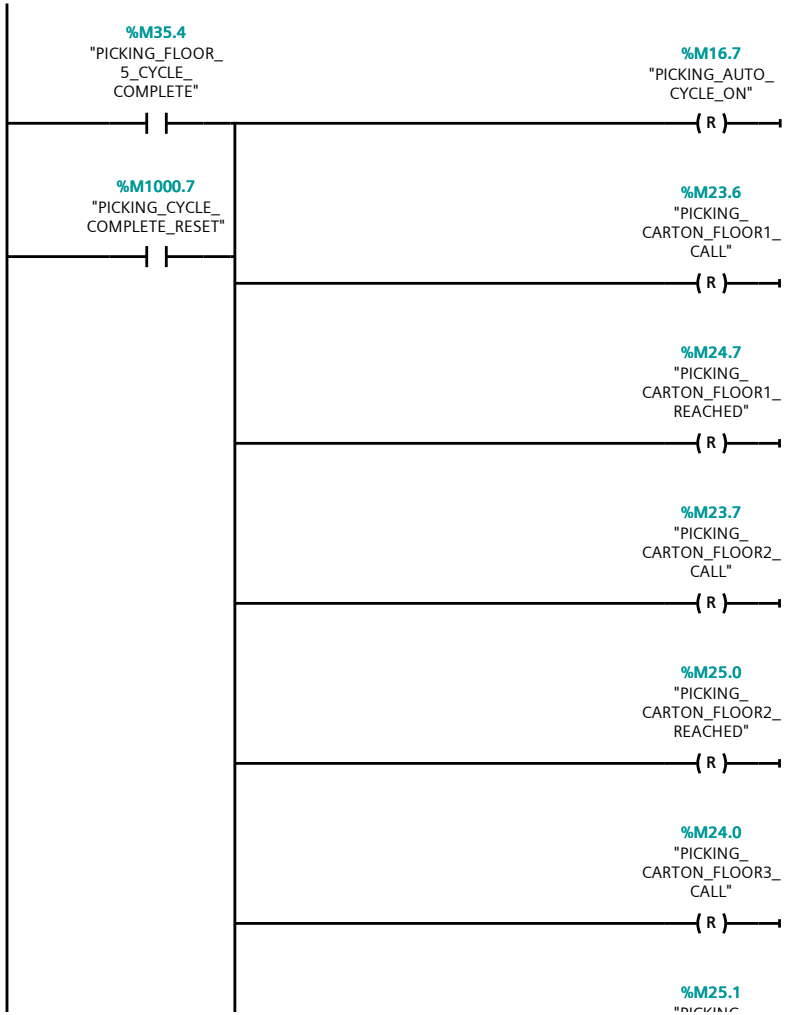


Network 105: PICKING_FIFTH_FLOOR_CYCLE_COMPLETED_FB:



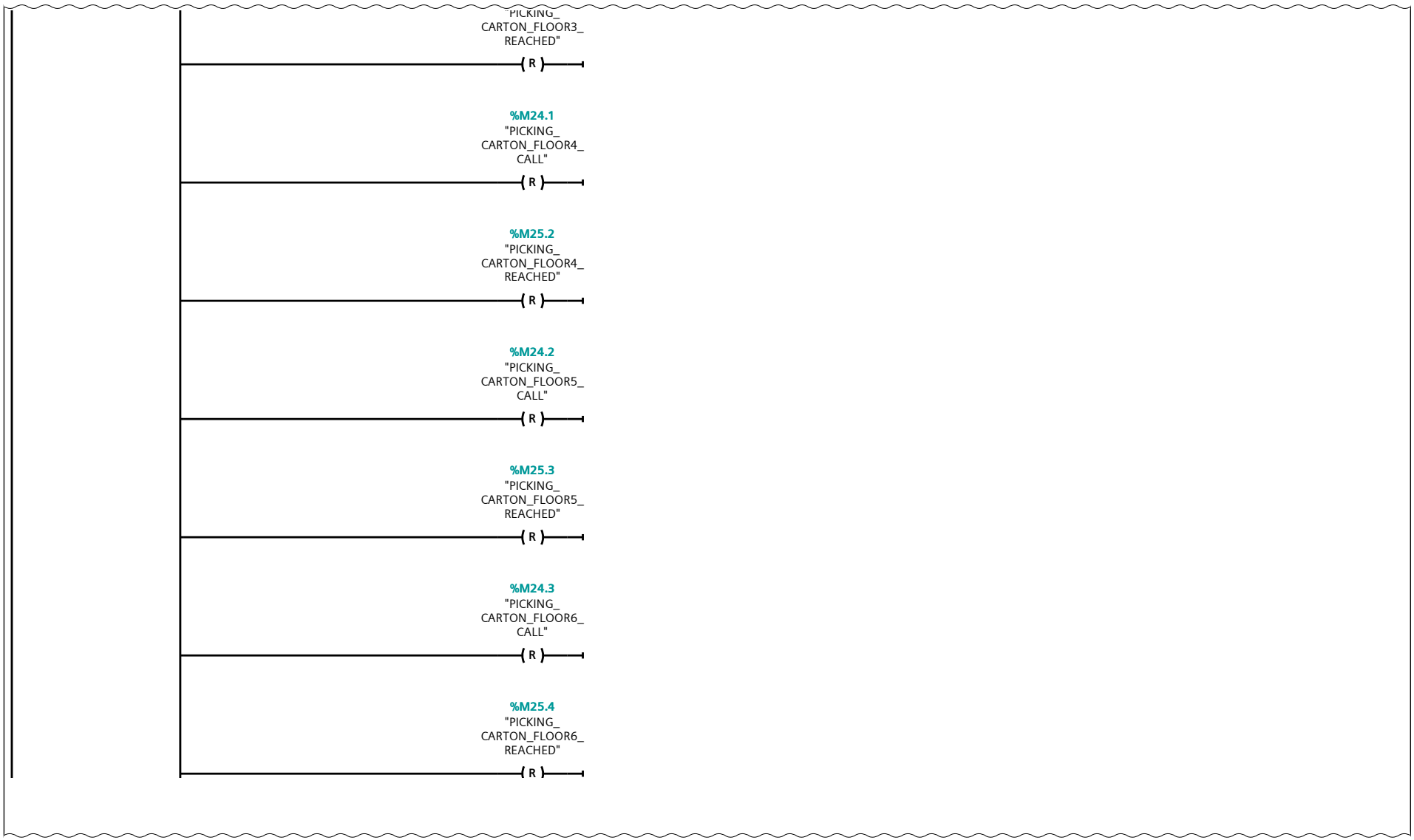
Network 106: PICKING_AUTO_CYCLE_RESET:

Network 106: PICKING_AUTO_CYCLE_RESET: (1.1 / 8.1)



Network 106: PICKING_AUTO_CYCLE_RESET: (2.1 / 8.1)

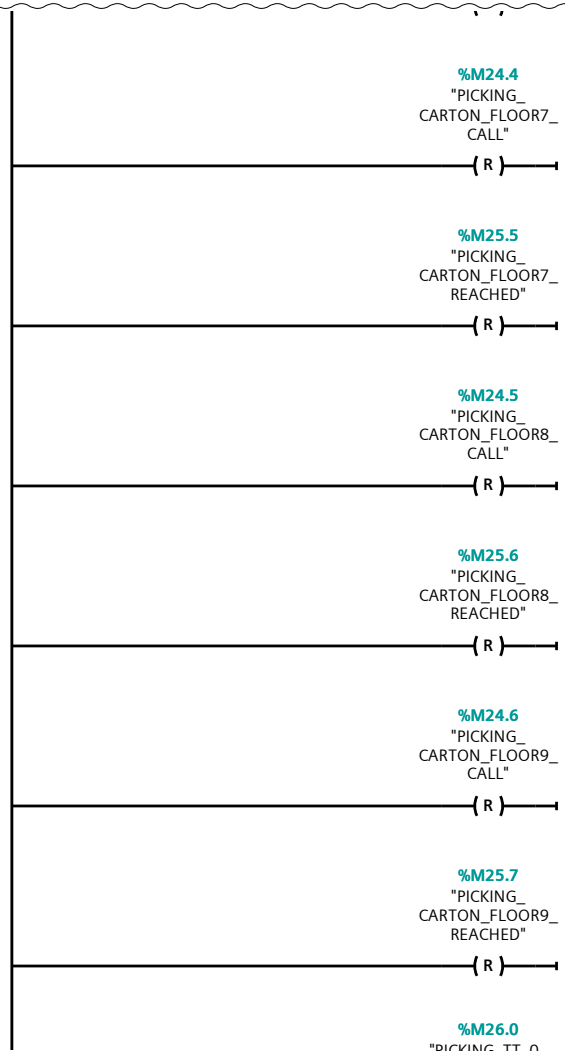
1.1 (Page1 - 75)



3.1 (Page1 - 77)

Network 106: PICKING_AUTO_CYCLE_RESET: (3.1 / 8.1)

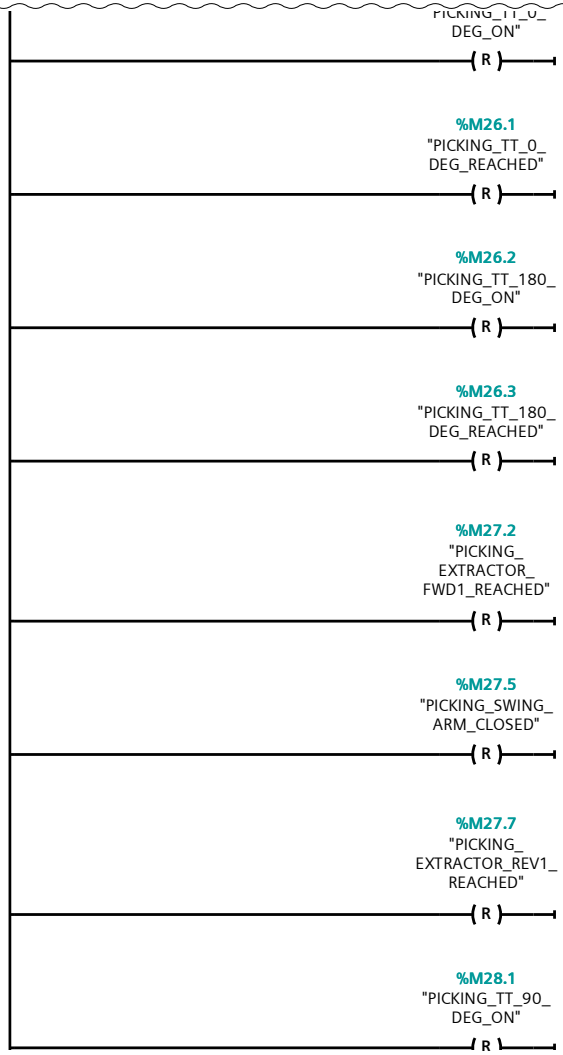
2.1 (Page1 - 76)



4.1 (Page1 - 78)

Network 106: PICKING_AUTO_CYCLE_RESET: (4.1 / 8.1)

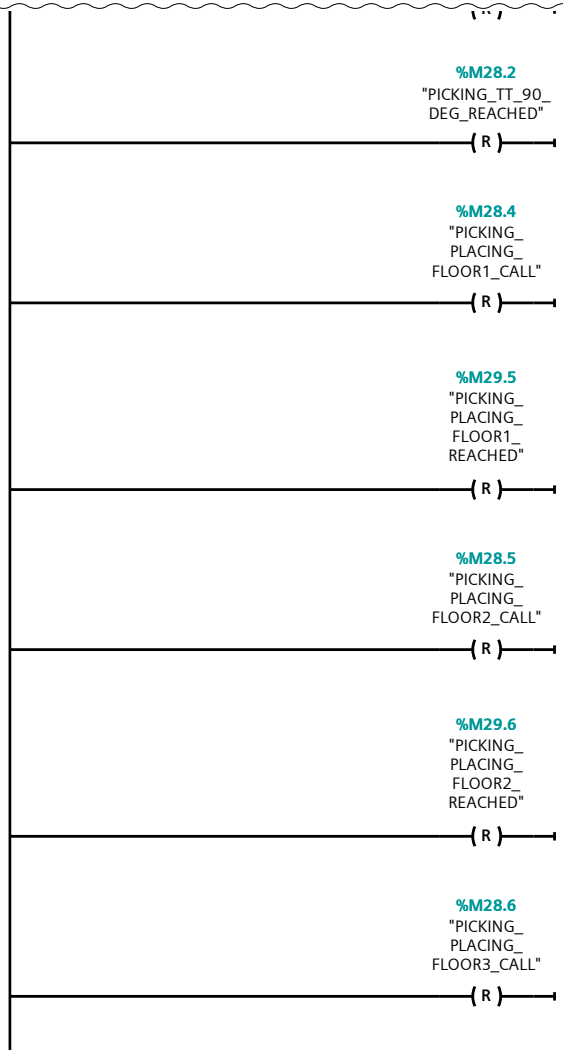
3.1 (Page1 - 77)



5.1 (Page1 - 79)

Network 106: PICKING_AUTO_CYCLE_RESET: (5.1 / 8.1)

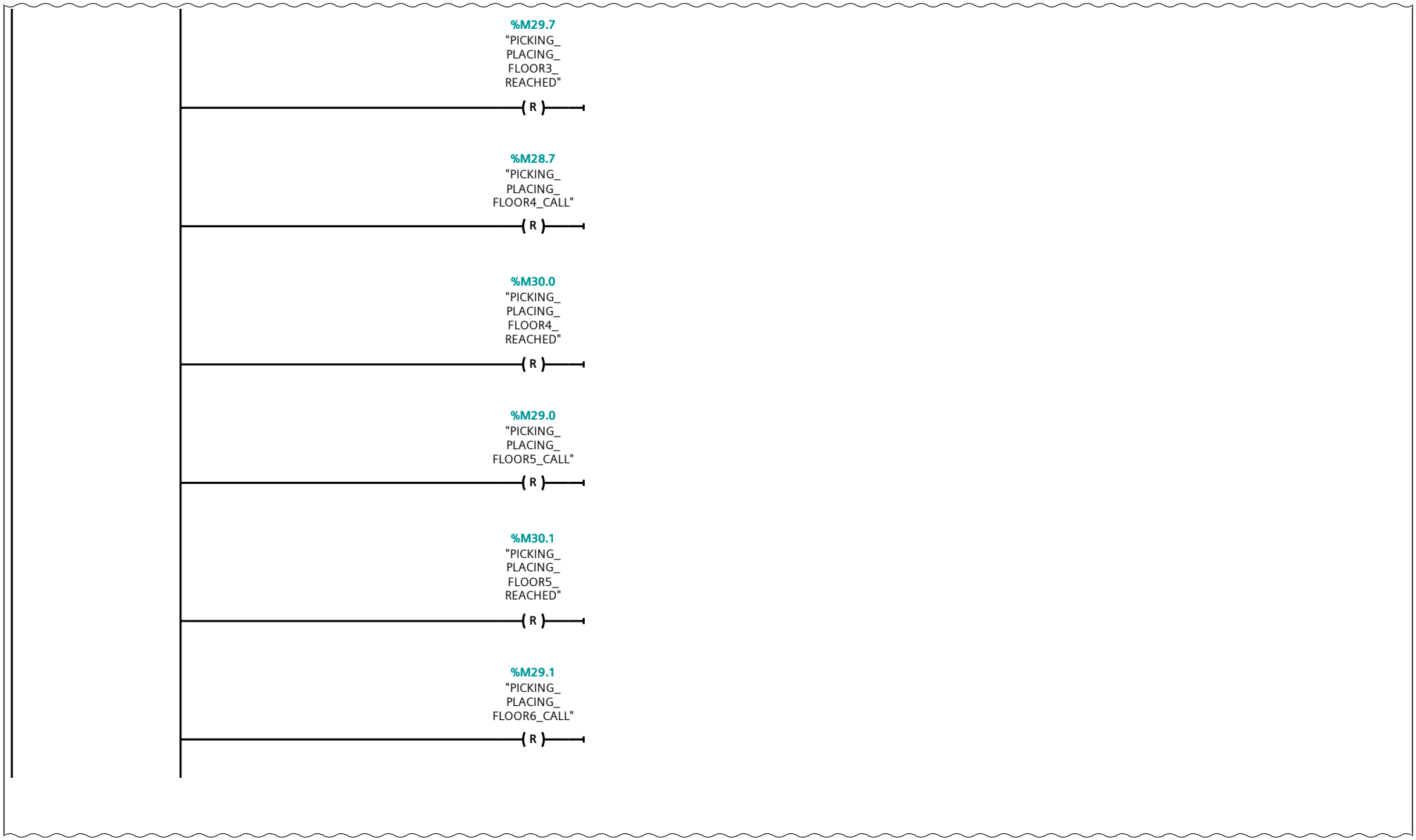
4.1 (Page1 - 78)



6.1 (Page1 - 80)

Network 106: PICKING_AUTO_CYCLE_RESET: (6.1 / 8.1)

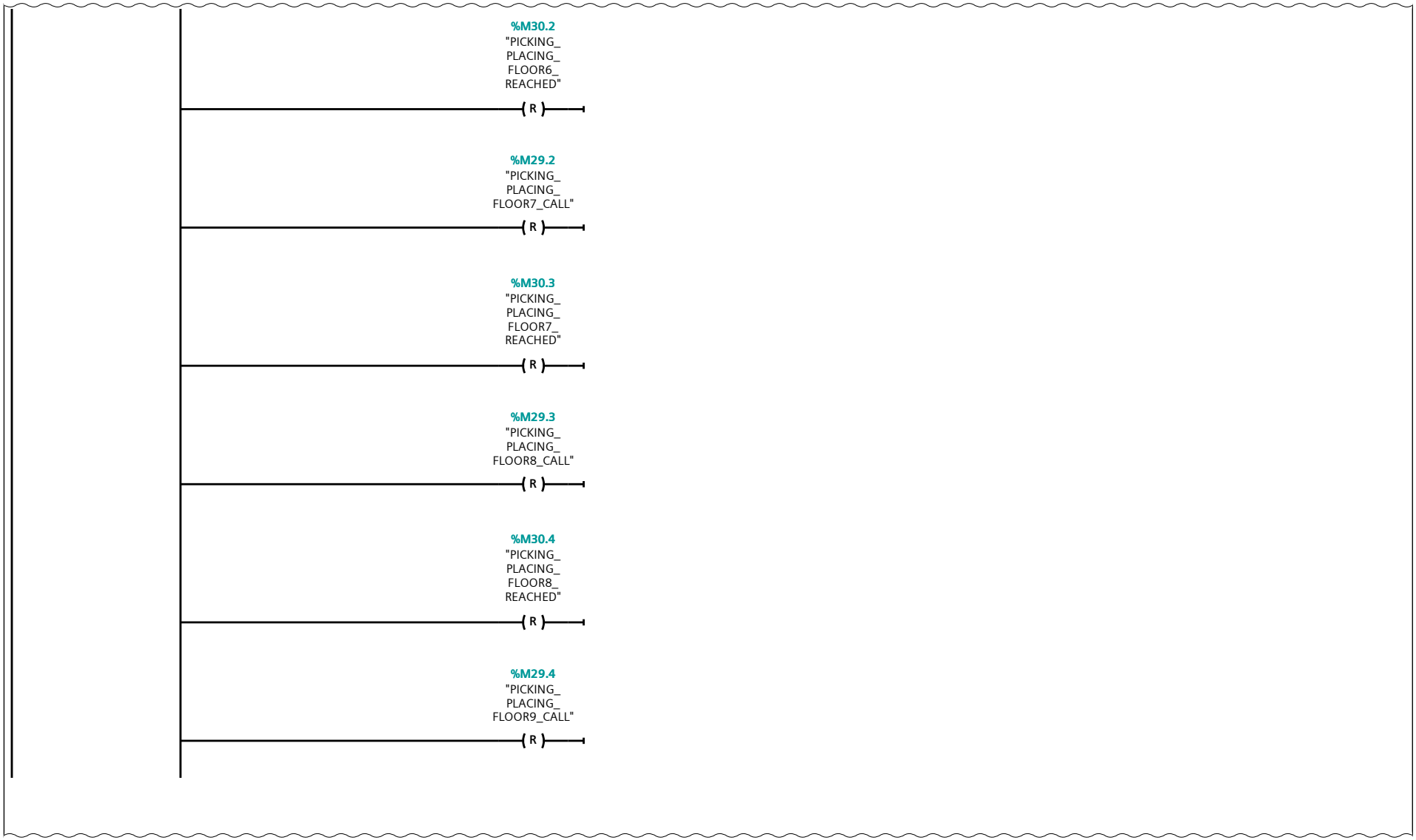
5.1 (Page1 - 79)



7.1 (Page1 - 81)

Network 106: PICKING_AUTO_CYCLE_RESET: (7.1 / 8.1)

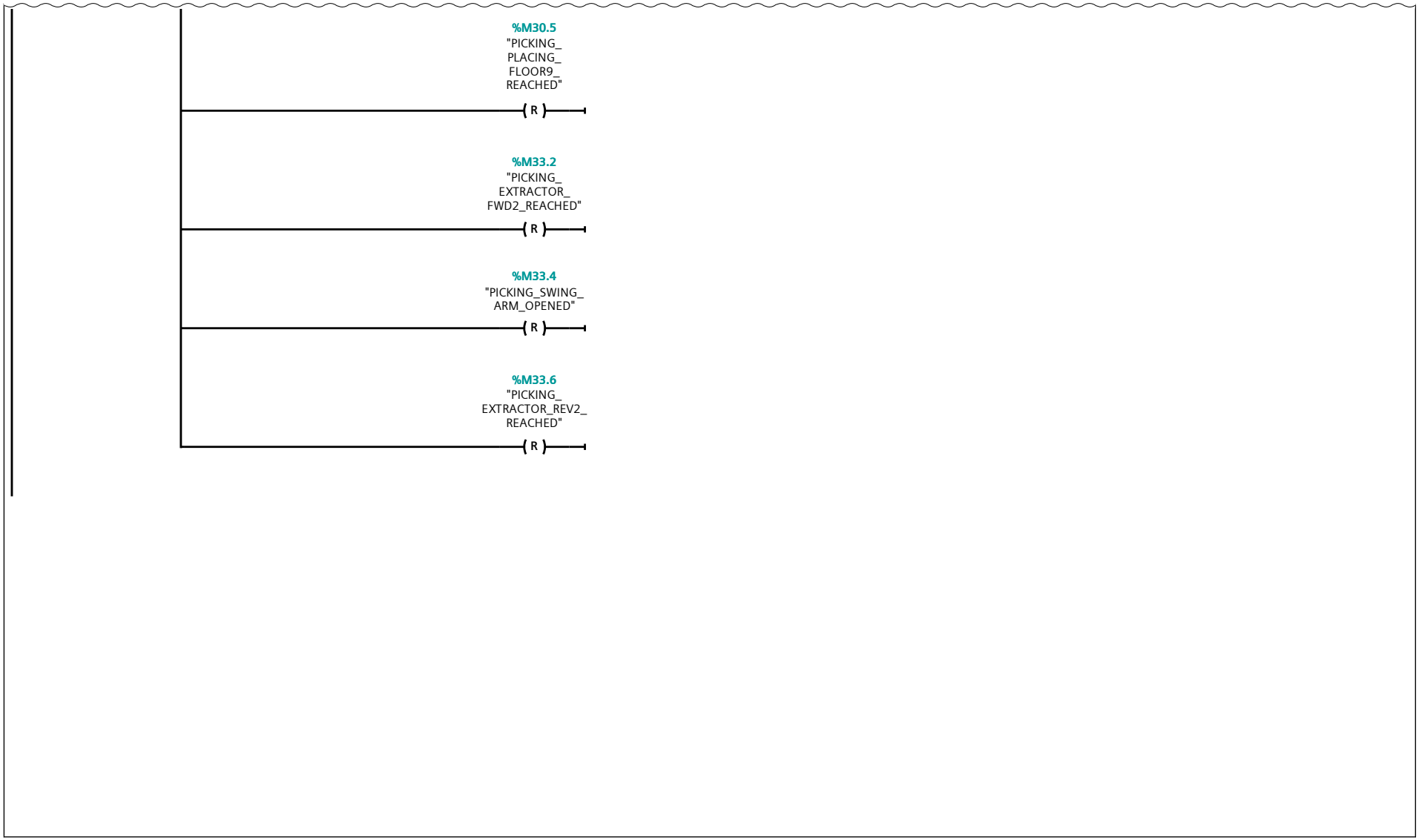
6.1 (Page1 - 80)



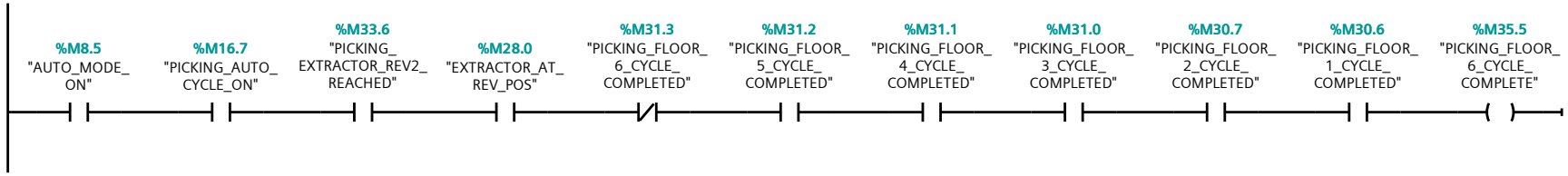
8.1 (Page1 - 82)

Network 106: PICKING_AUTO_CYCLE_RESET: (8.1 / 8.1)

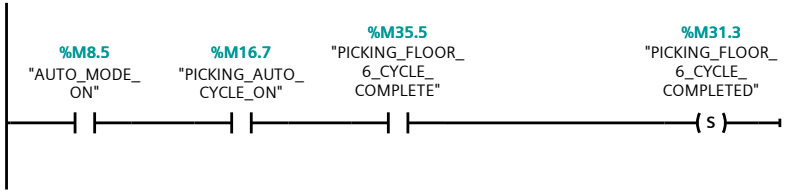
7.1 (Page1 - 81)



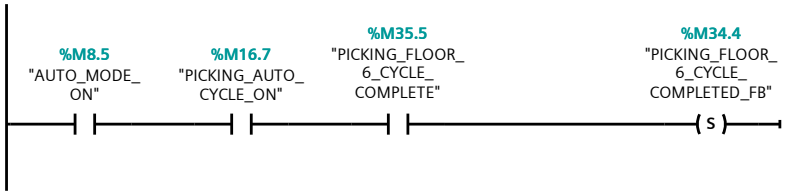
Network 107: PICKING_SIXTH_FLOOR_CYCLE_COMPLETE:



Network 108: PICKING_SIXTH_FLOOR_CYCLE_COMPLETED:

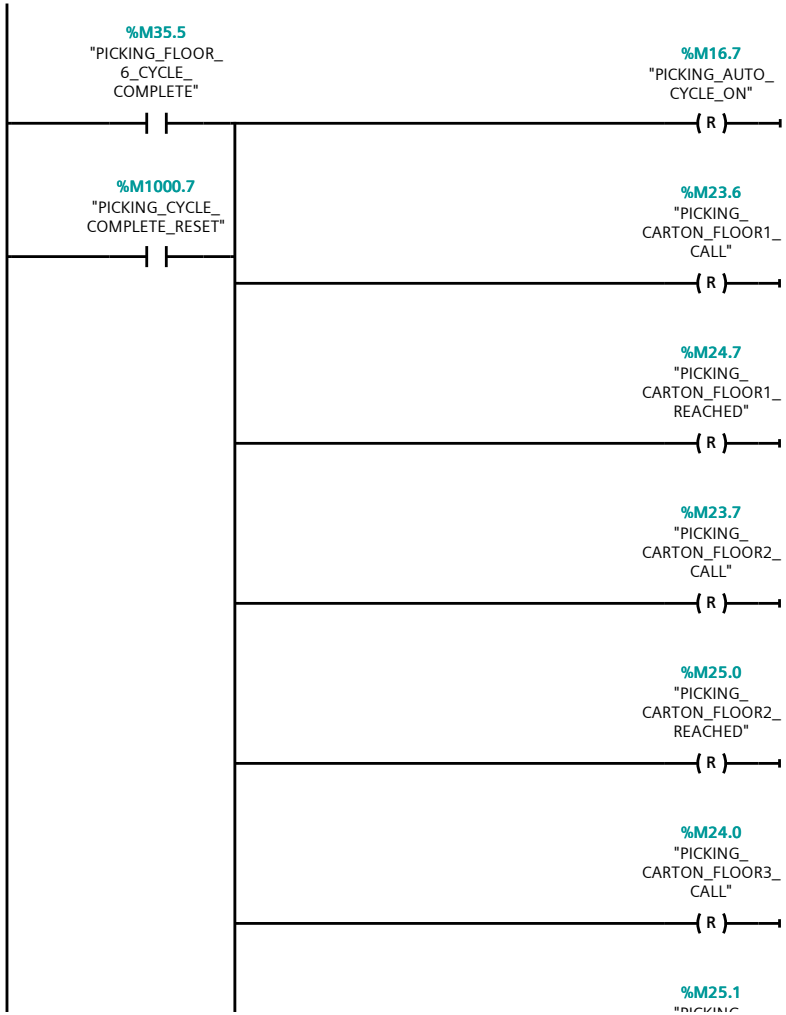


Network 109: PICKING_SIXTH_FLOOR_CYCLE_COMPLETED_FB:



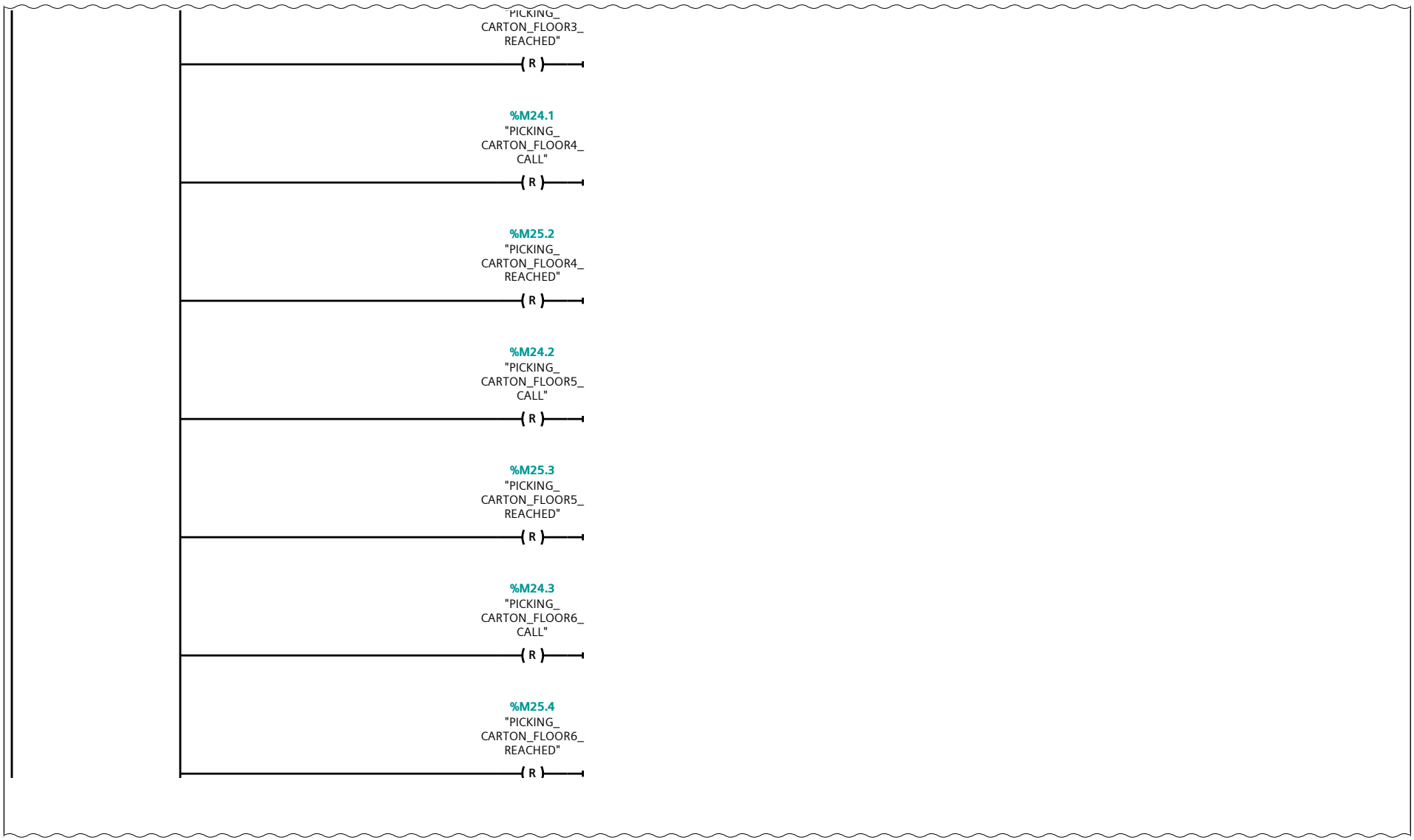
Network 110: PICKING_AUTO_CYCLE_RESET:

Network 110: PICKING_AUTO_CYCLE_RESET: (1.1 / 8.1)



Network 110: PICKING_AUTO_CYCLE_RESET: (2.1 / 8.1)

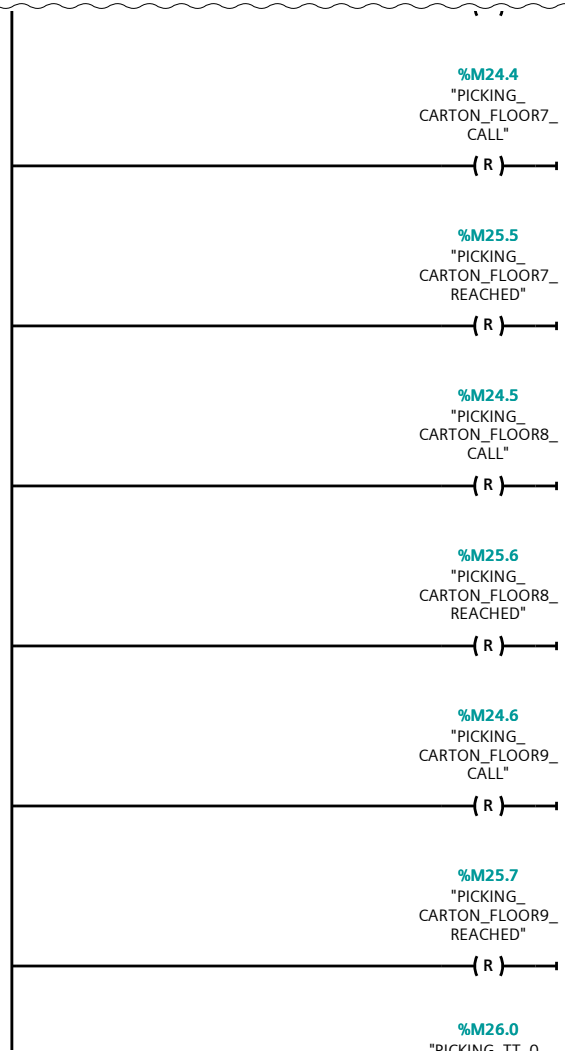
1.1 (Page1 - 84)



3.1 (Page1 - 86)

Network 110: PICKING_AUTO_CYCLE_RESET: (3.1 / 8.1)

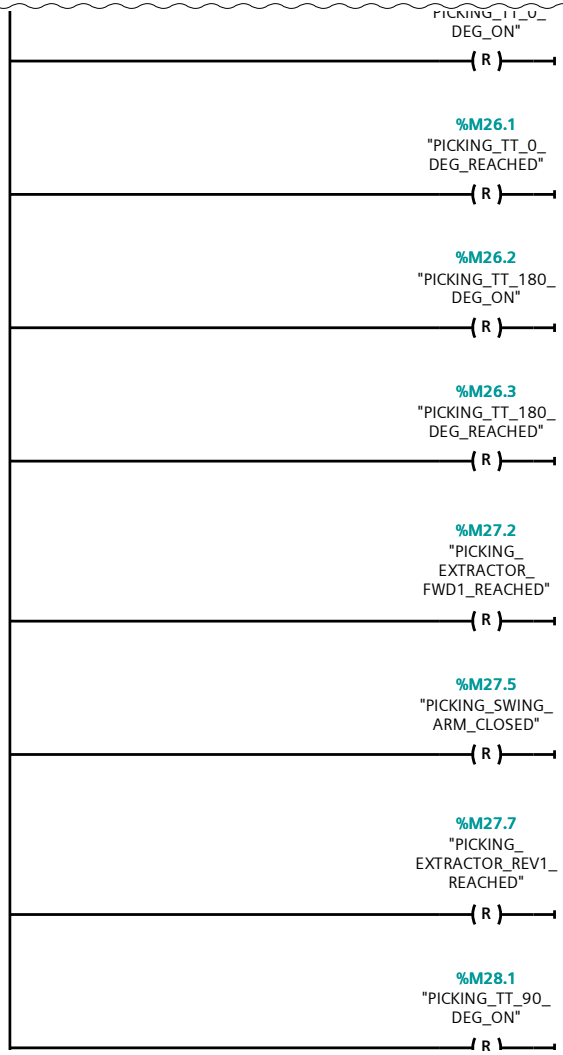
2.1 (Page1 - 85)



4.1 (Page1 - 87)

Network 110: PICKING_AUTO_CYCLE_RESET: (4.1 / 8.1)

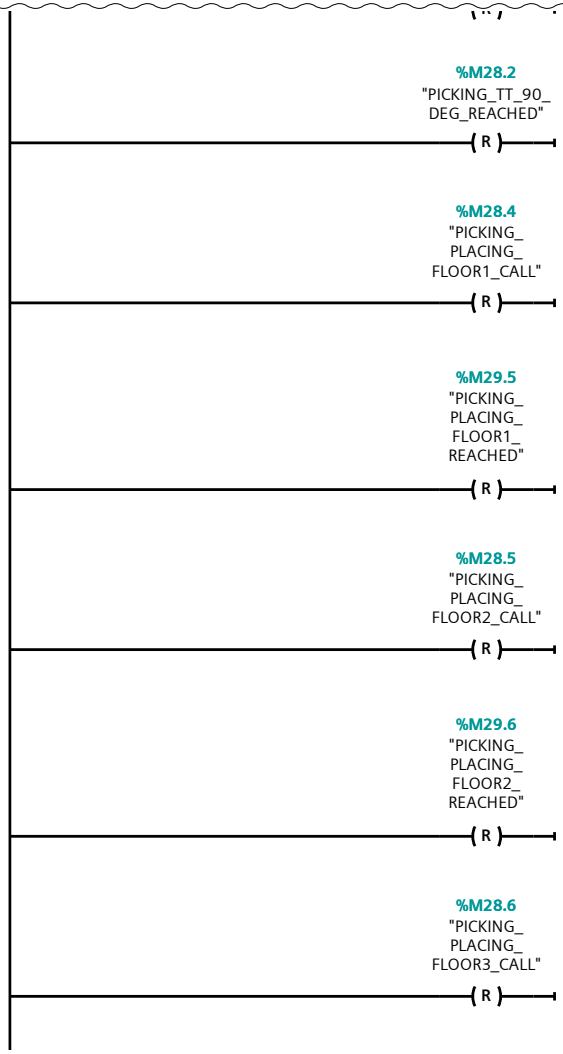
3.1 (Page1 - 86)



5.1 (Page1 - 88)

Network 110: PICKING_AUTO_CYCLE_RESET: (5.1 / 8.1)

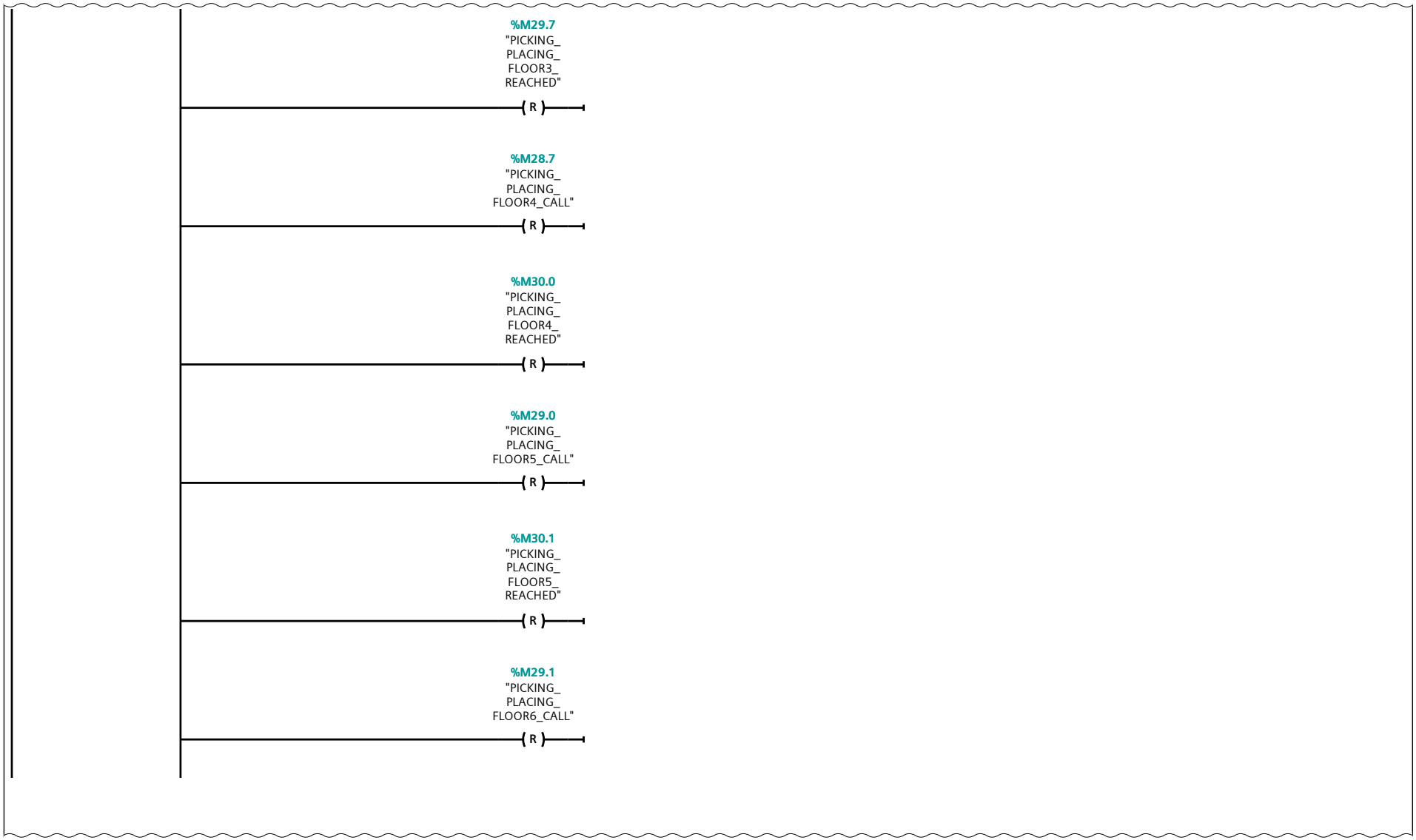
4.1 (Page1 - 87)



6.1 (Page1 - 89)

Network 110: PICKING_AUTO_CYCLE_RESET: (6.1 / 8.1)

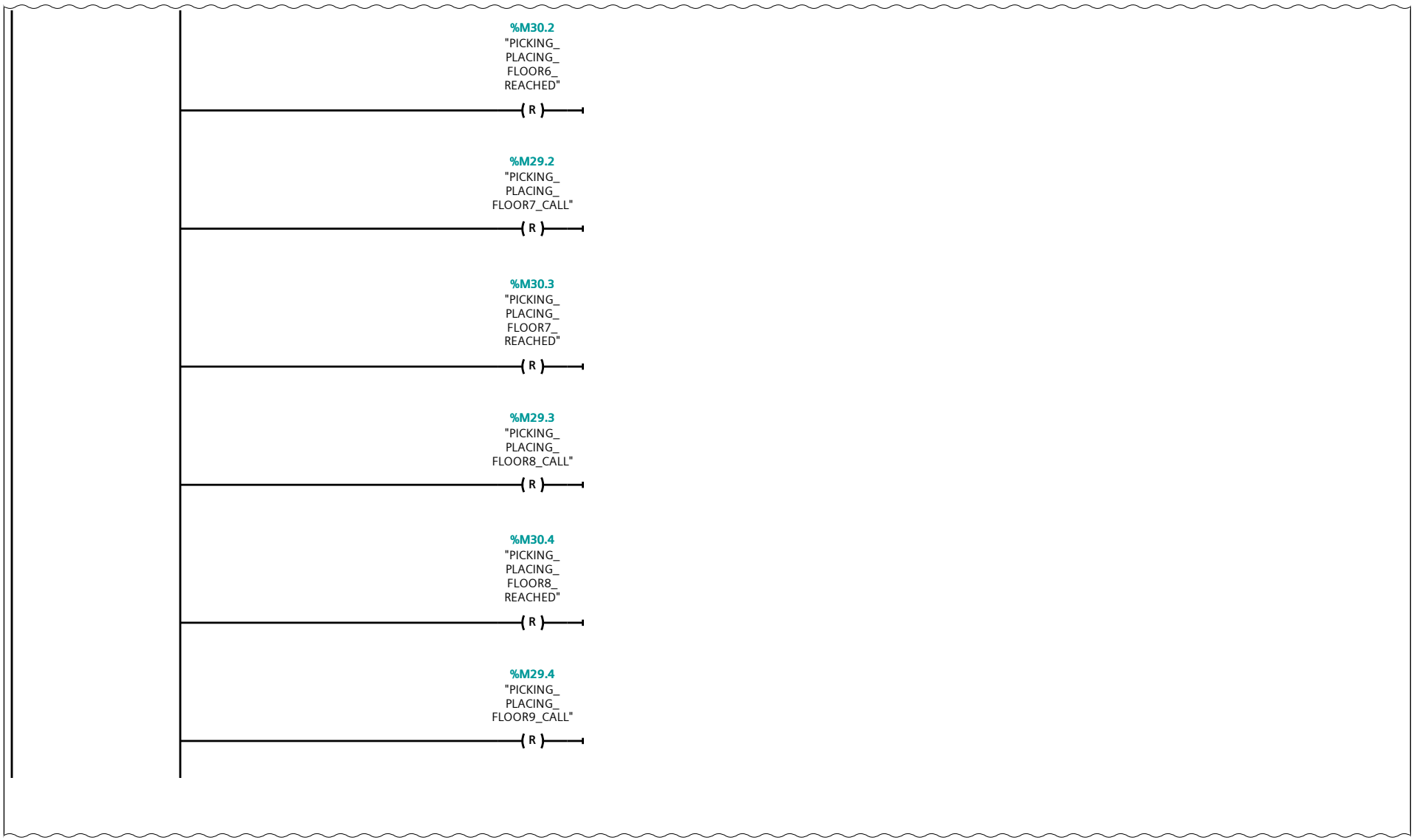
5.1 (Page1 - 88)



7.1 (Page1 - 90)

Network 110: PICKING_AUTO_CYCLE_RESET: (7.1 / 8.1)

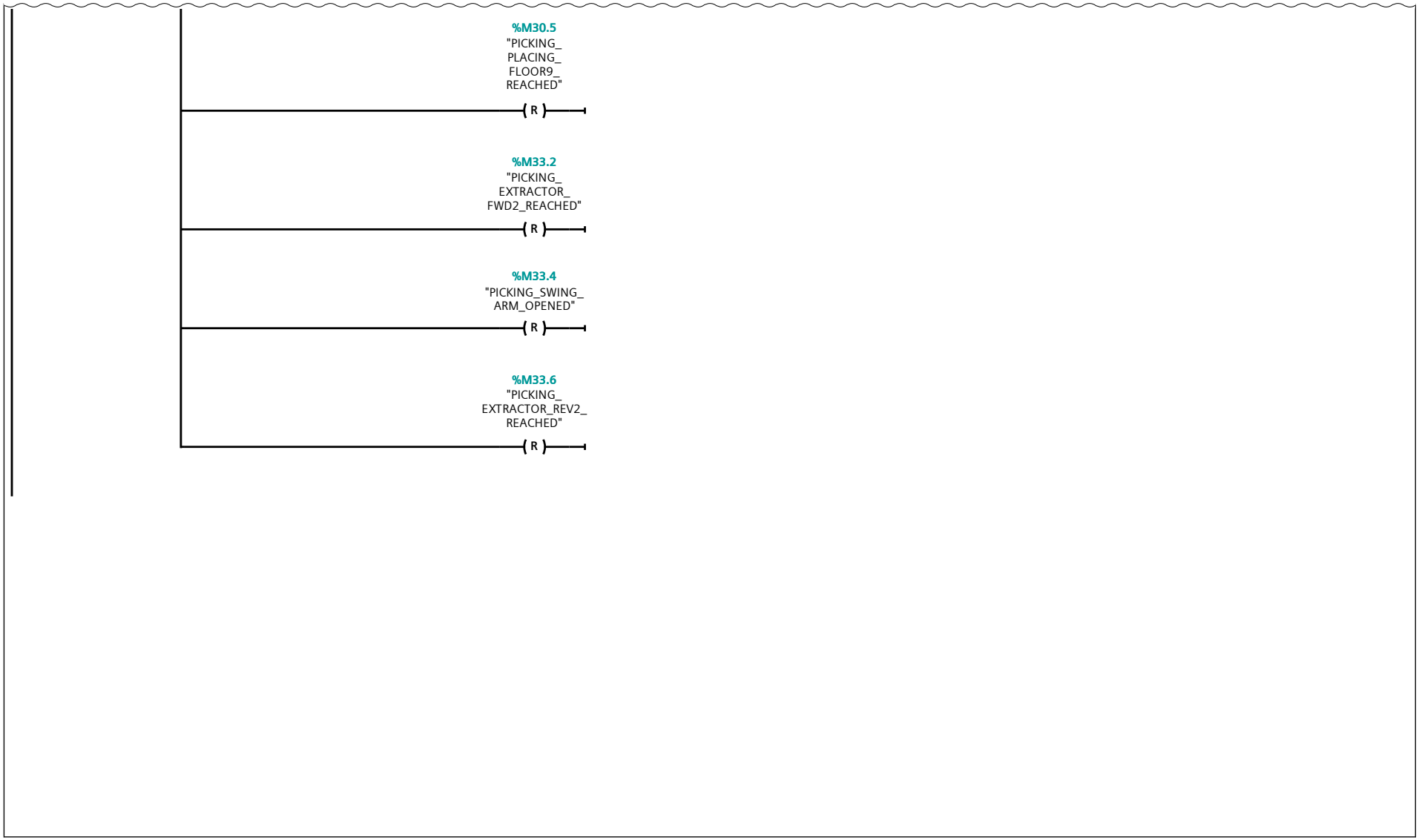
6.1 (Page1 - 89)



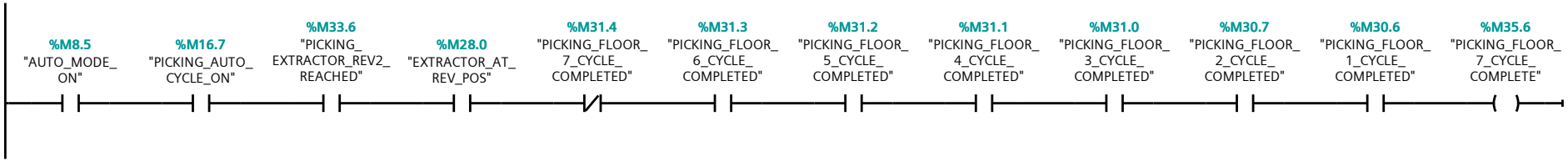
8.1 (Page1 - 91)

Network 110: PICKING_AUTO_CYCLE_RESET: (8.1 / 8.1)

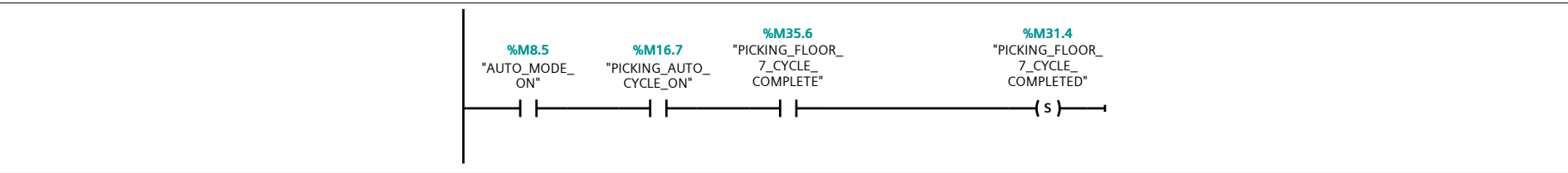
7.1 (Page1 - 90)



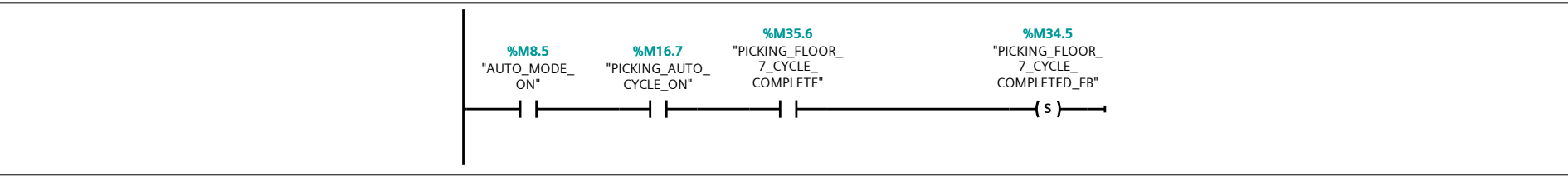
Network 111: PICKING_SEVENTH_FLOOR_CYCLE_COMPLETE:



Network 112: PICKING_SEVENTH_FLOOR_CYCLE_COMPLETED:

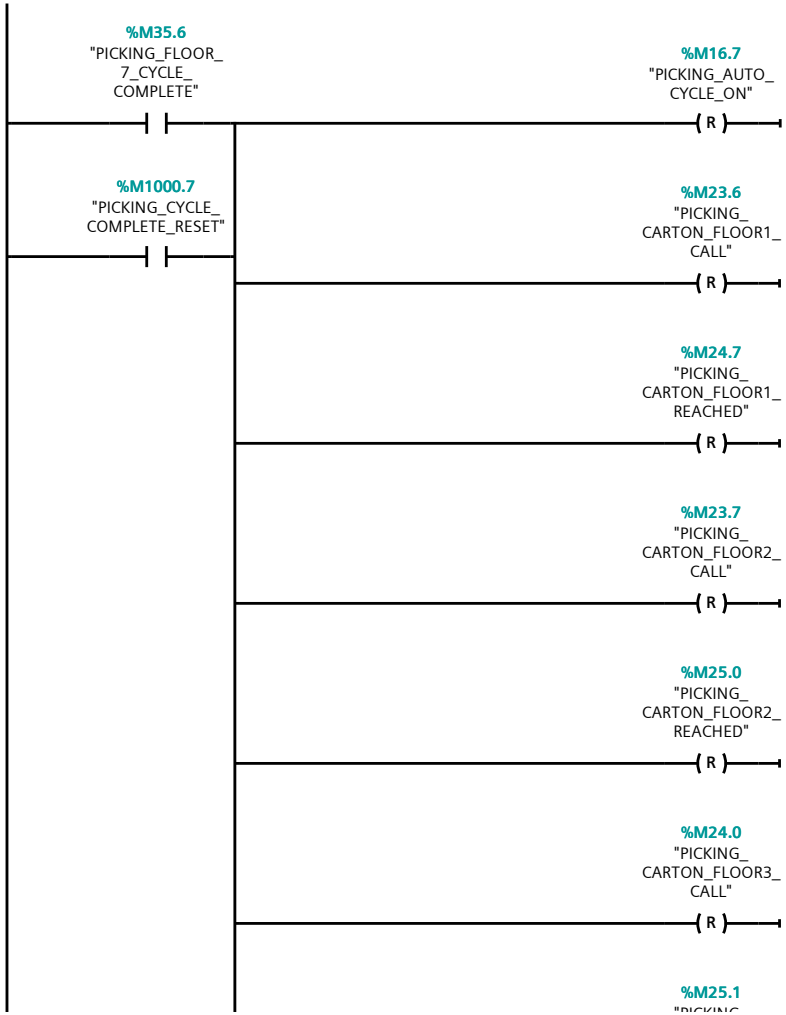


Network 113: PICKING_SEVENTH_FLOOR_CYCLE_COMPLETED_FB:



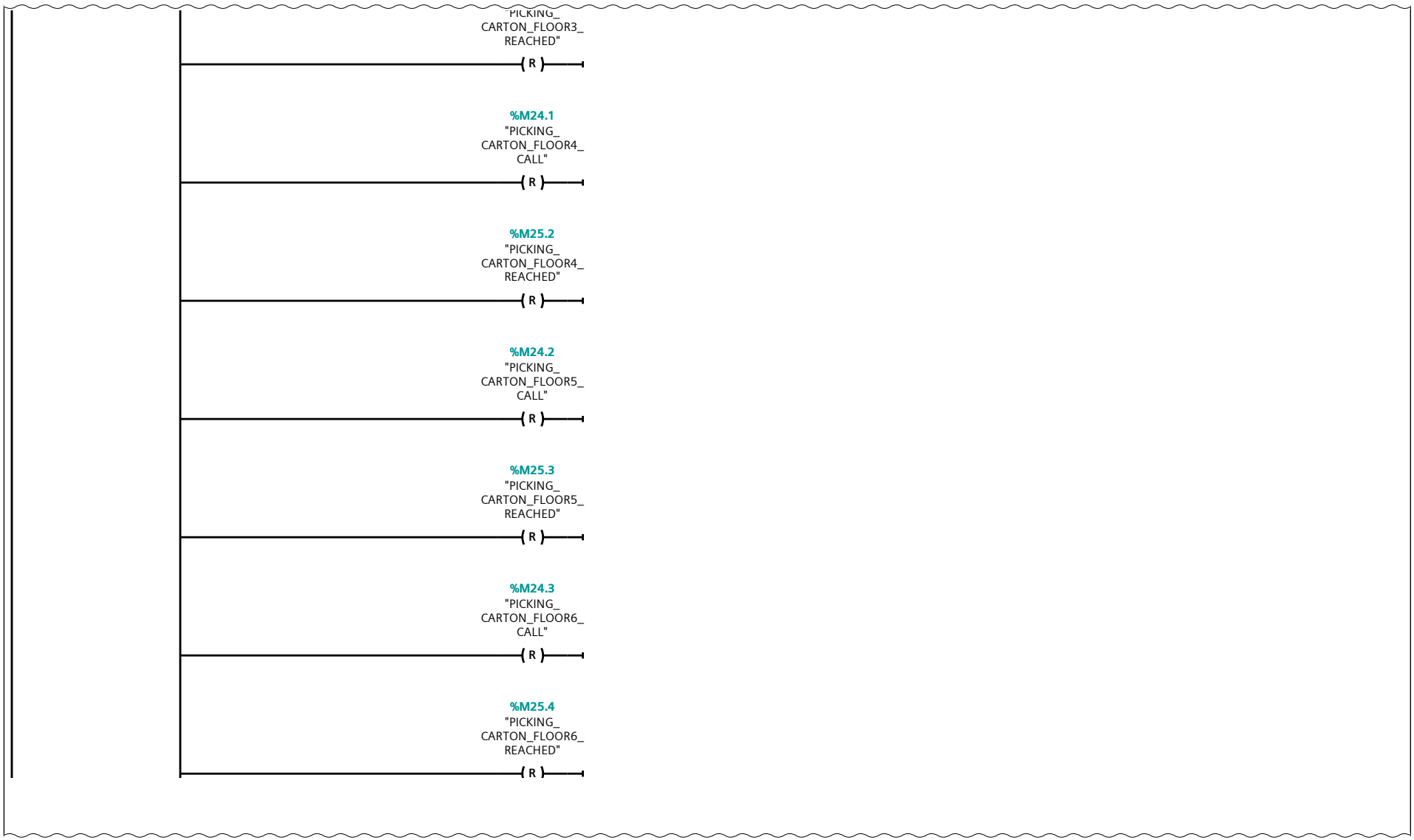
Network 114: PICKING_AUTO_CYCLE_RESET:

Network 114: PICKING_AUTO_CYCLE_RESET: (1.1 / 8.1)



Network 114: PICKING_AUTO_CYCLE_RESET: (2.1 / 8.1)

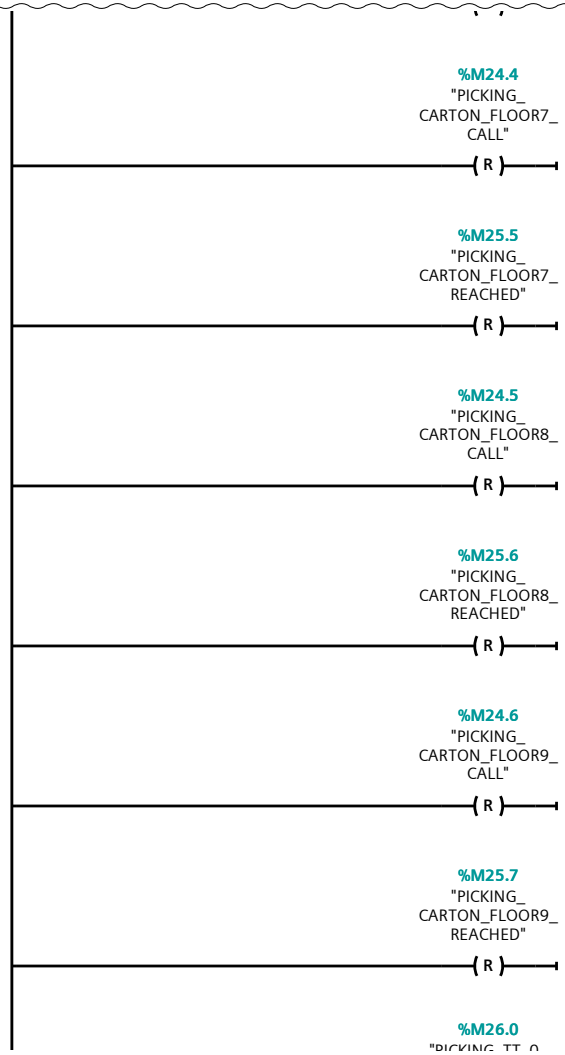
1.1 (Page1 - 93)



3.1 (Page1 - 95)

Network 114: PICKING_AUTO_CYCLE_RESET: (3.1 / 8.1)

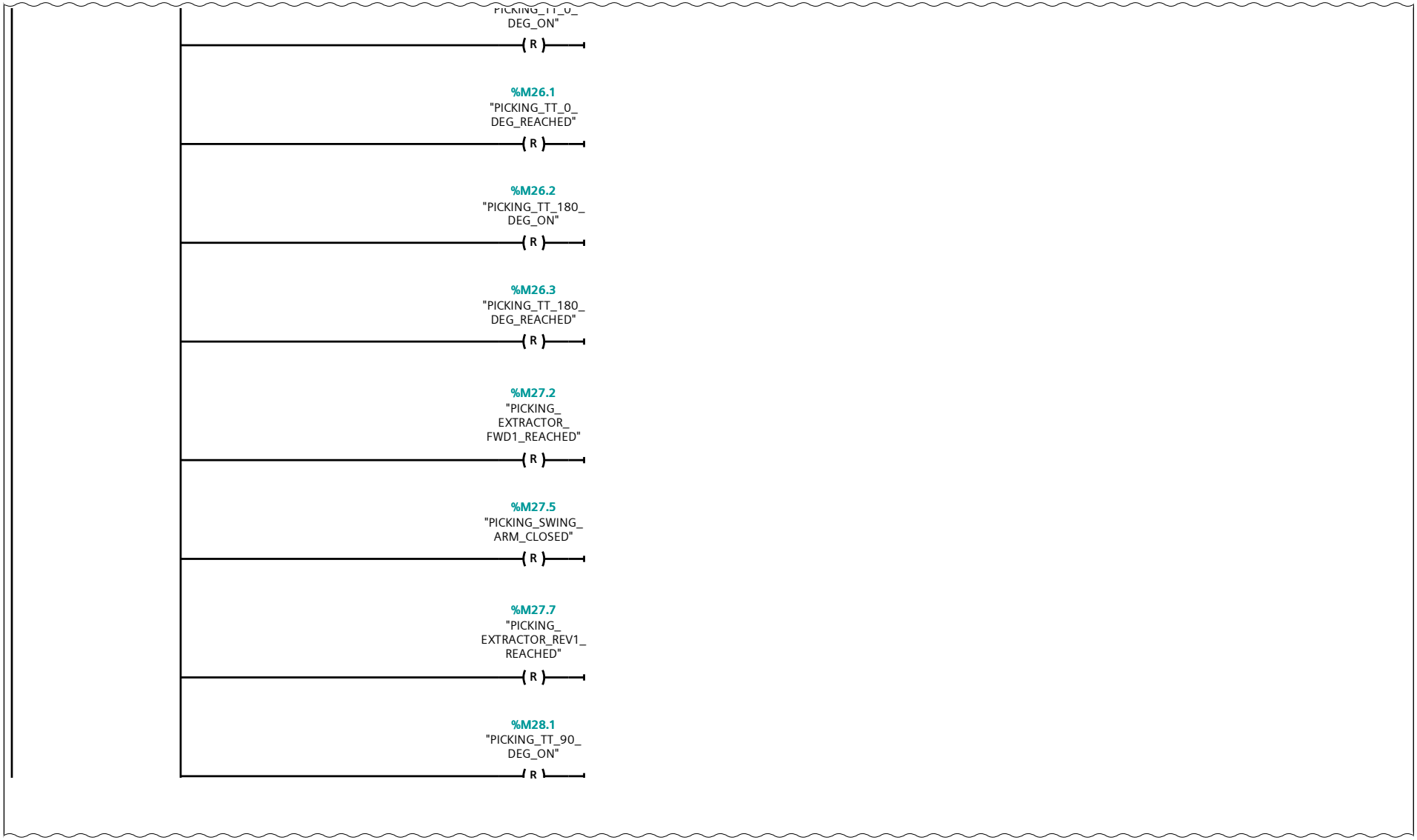
2.1 (Page1 - 94)



4.1 (Page1 - 96)

Network 114: PICKING_AUTO_CYCLE_RESET: (4.1 / 8.1)

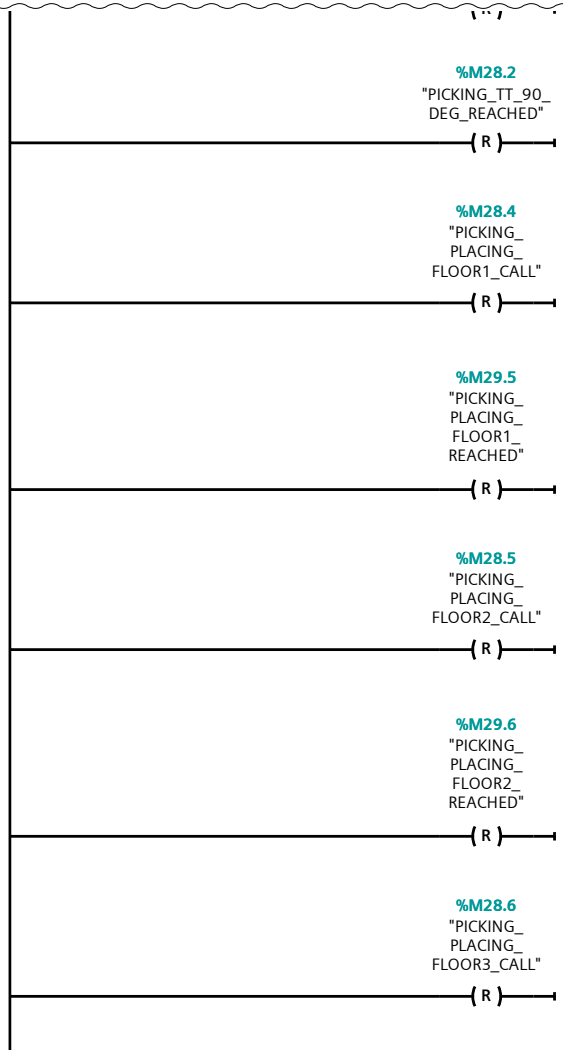
3.1 (Page1 - 95)



5.1 (Page1 - 97)

Network 114: PICKING_AUTO_CYCLE_RESET: (5.1 / 8.1)

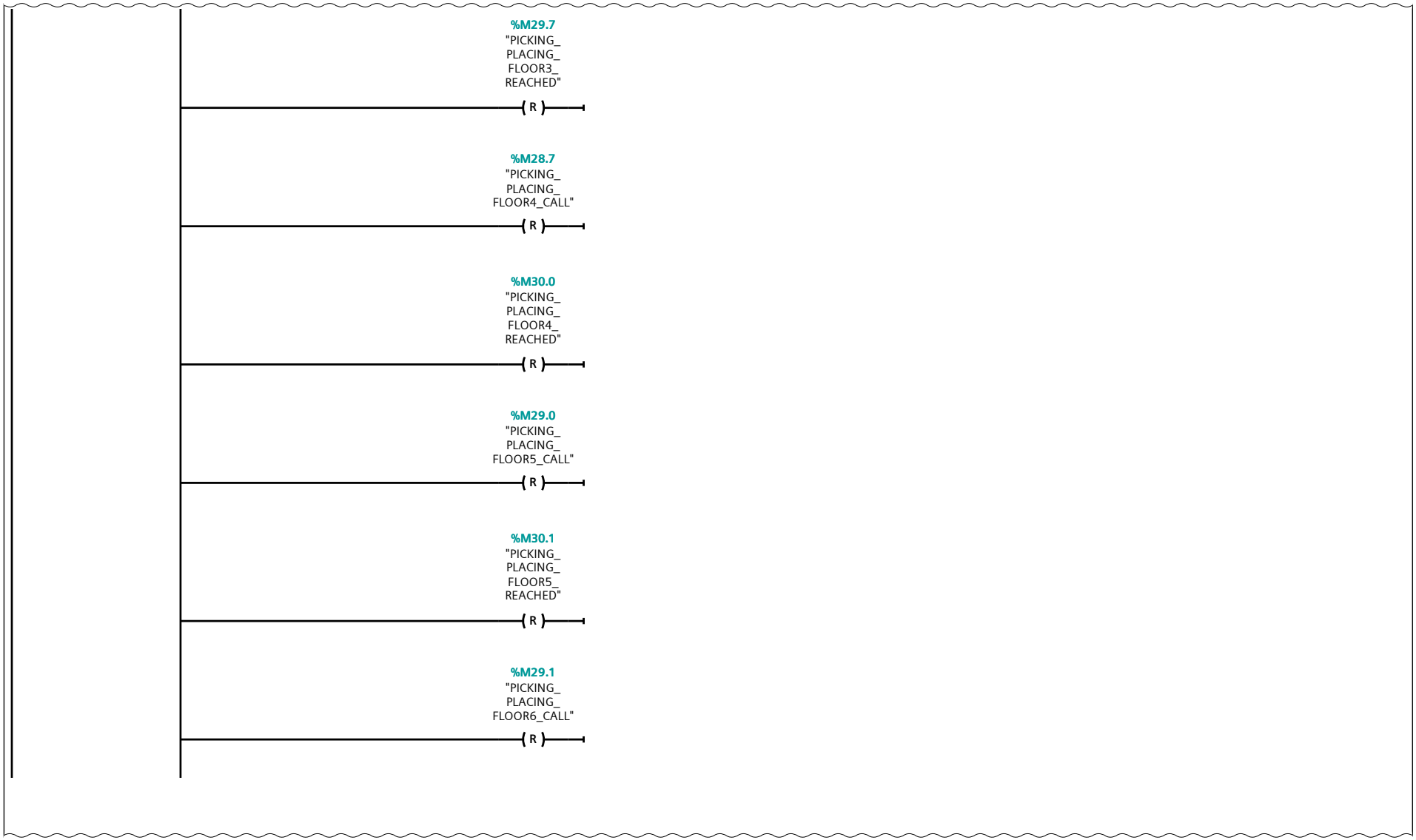
4.1 (Page1 - 96)



6.1 (Page1 - 98)

Network 114: PICKING_AUTO_CYCLE_RESET: (6.1 / 8.1)

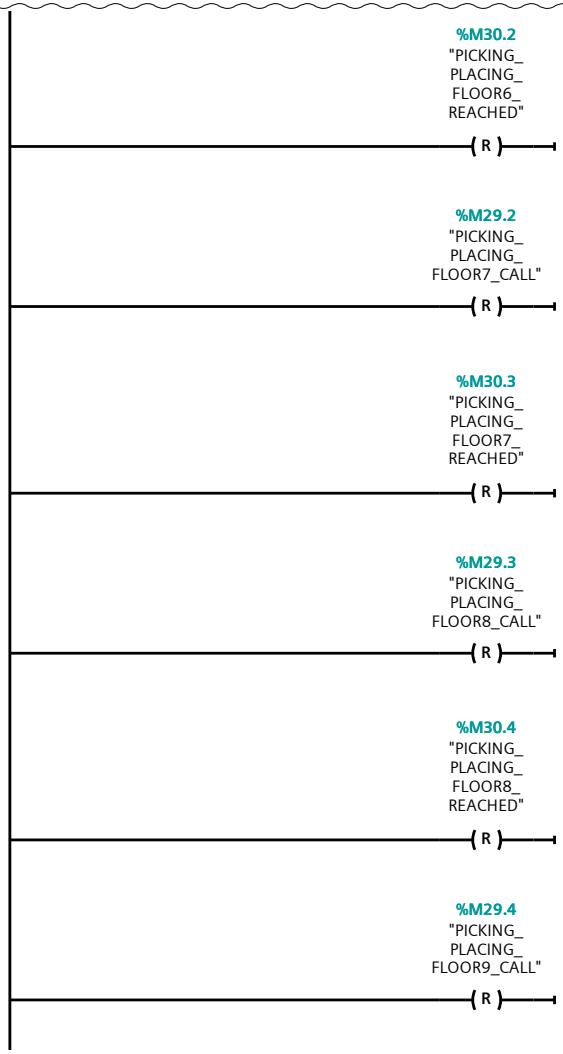
5.1 (Page1 - 97)



7.1 (Page1 - 99)

Network 114: PICKING_AUTO_CYCLE_RESET: (7.1 / 8.1)

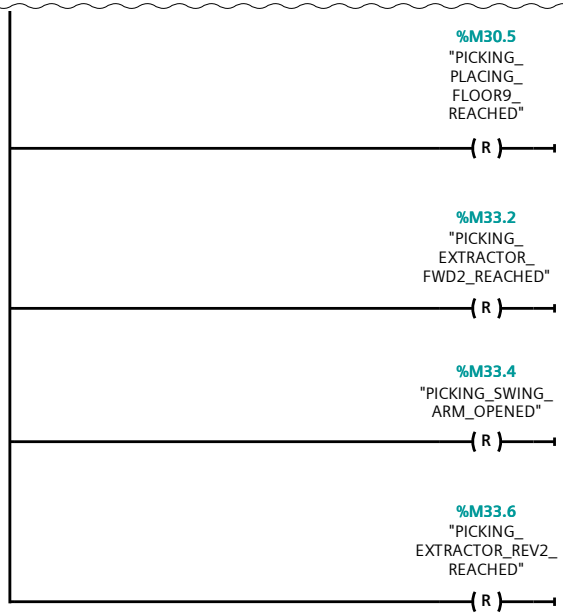
6.1 (Page1 - 98)



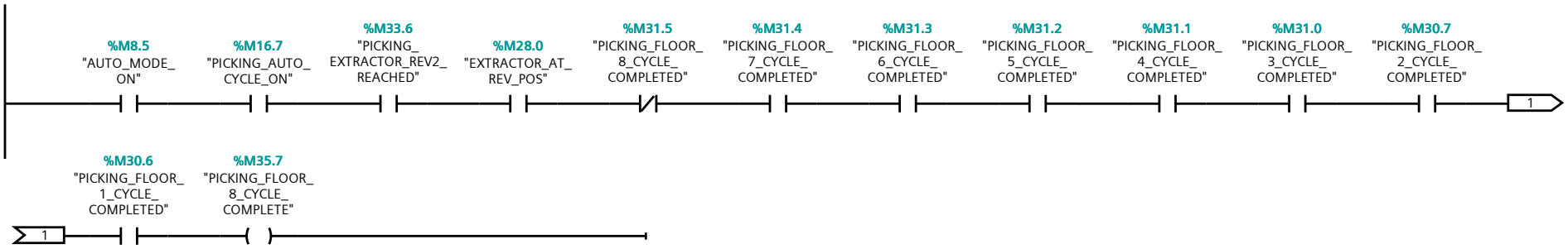
8.1 (Page1 - 100)

Network 114: PICKING_AUTO_CYCLE_RESET: (8.1 / 8.1)

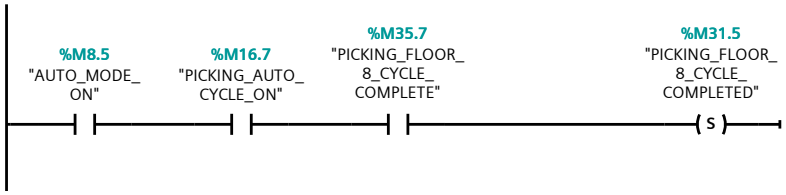
7.1 (Page1 - 99)



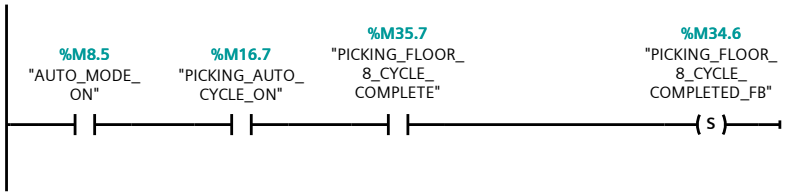
Network 115: PICKING_EIGHTH_FLOOR_CYCLE_COMPLETE:



Network 116: PICKING_EIGHTH_FLOOR_CYCLE_COMPLETED:

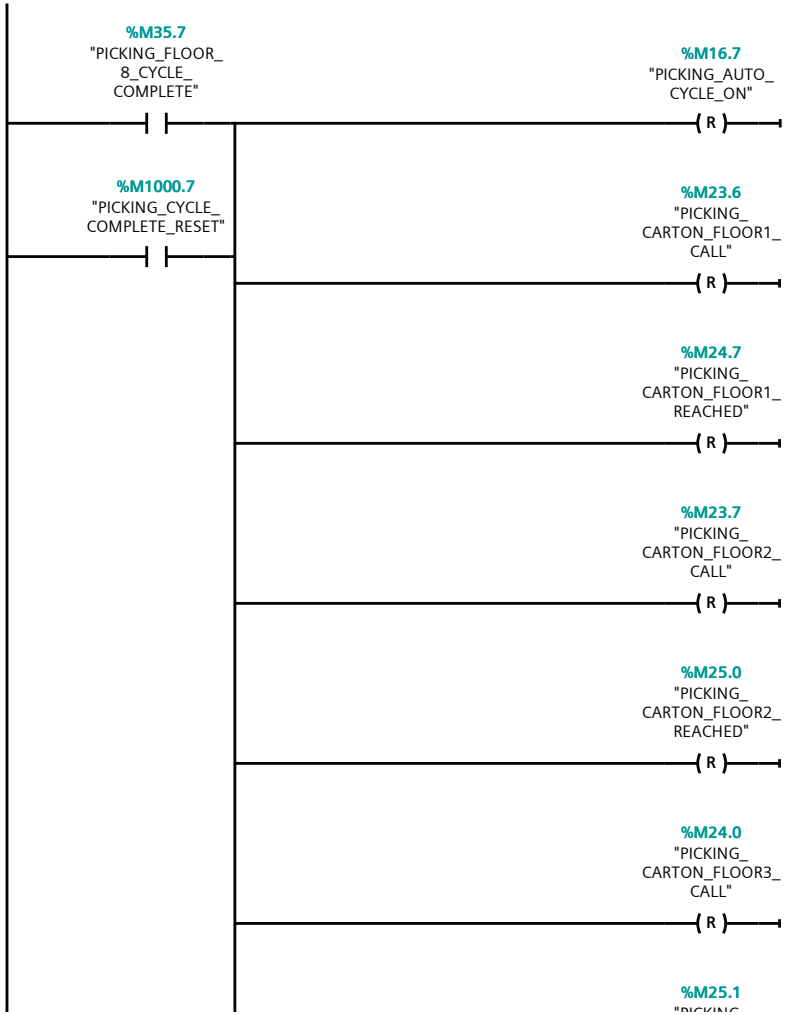


Network 117: PICKING_EIGHTH_FLOOR_CYCLE_COMPLETED_FB:



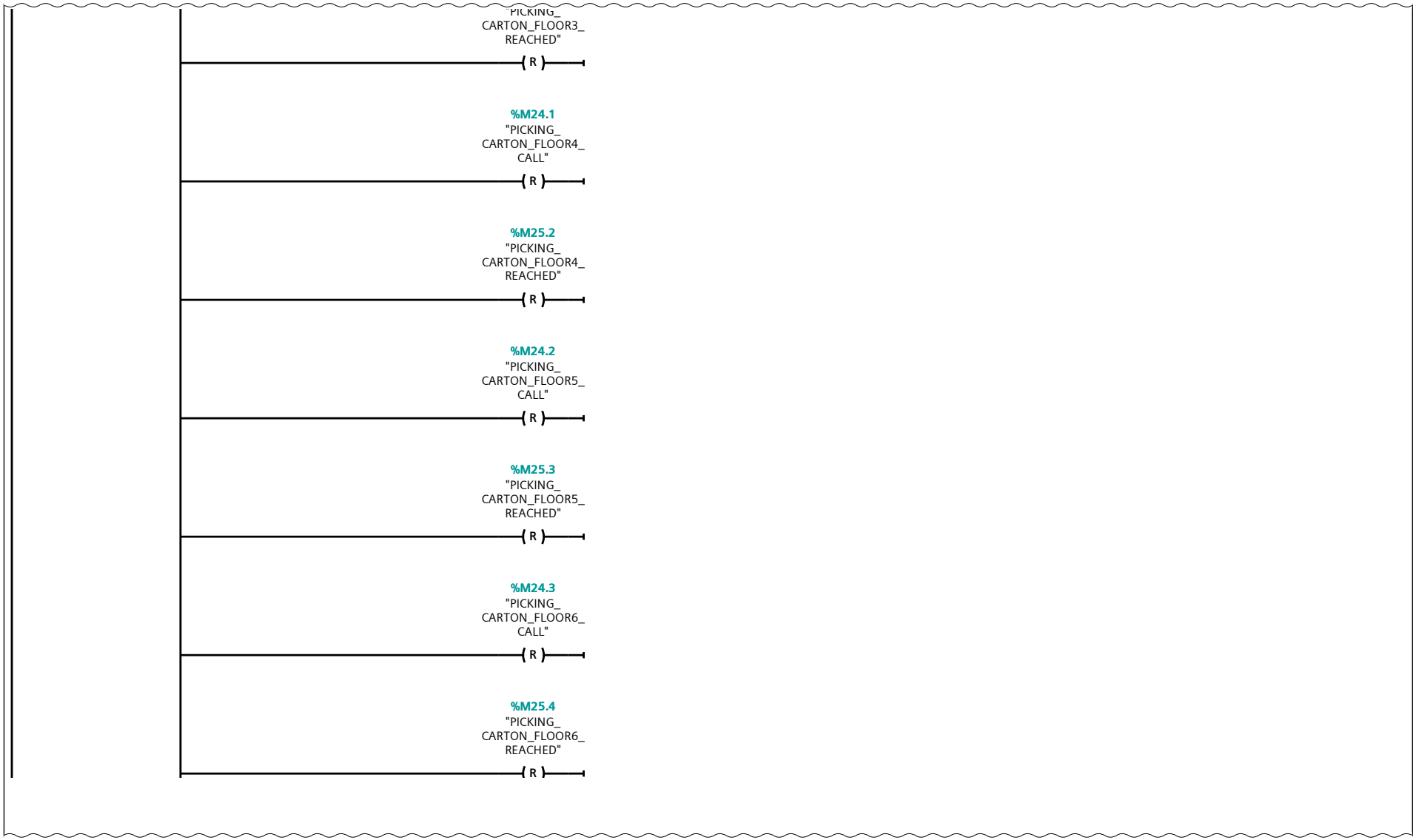
Network 118: PICKING_AUTO_CYCLE_RESET:

Network 118: PICKING_AUTO_CYCLE_RESET: (1.1 / 8.1)



Network 118: PICKING_AUTO_CYCLE_RESET: (2.1 / 8.1)

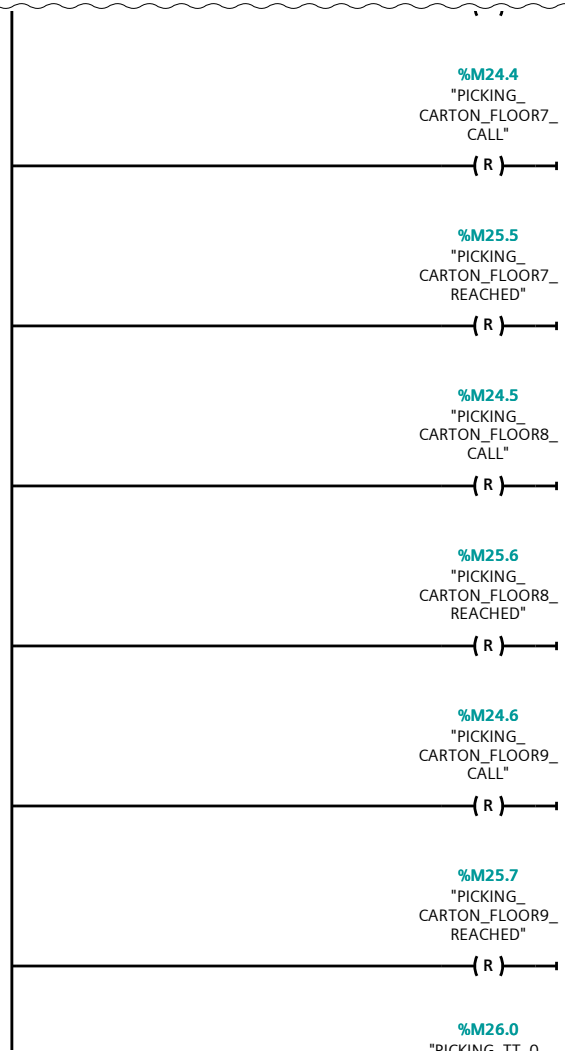
1.1 (Page1 - 103)



3.1 (Page1 - 105)

Network 118: PICKING_AUTO_CYCLE_RESET: (3.1 / 8.1)

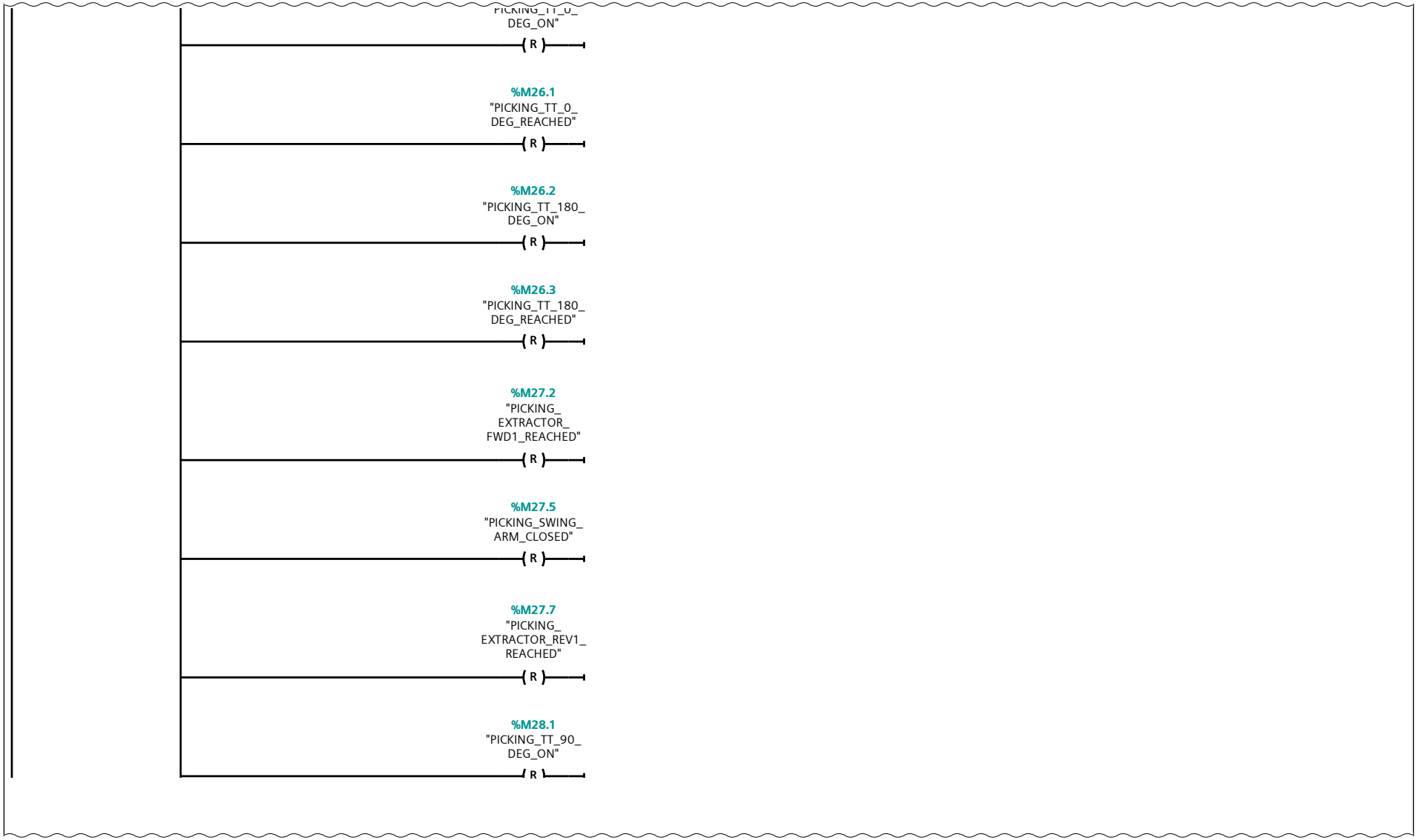
2.1 (Page1 - 104)



4.1 (Page1 - 106)

Network 118: PICKING_AUTO_CYCLE_RESET: (4.1 / 8.1)

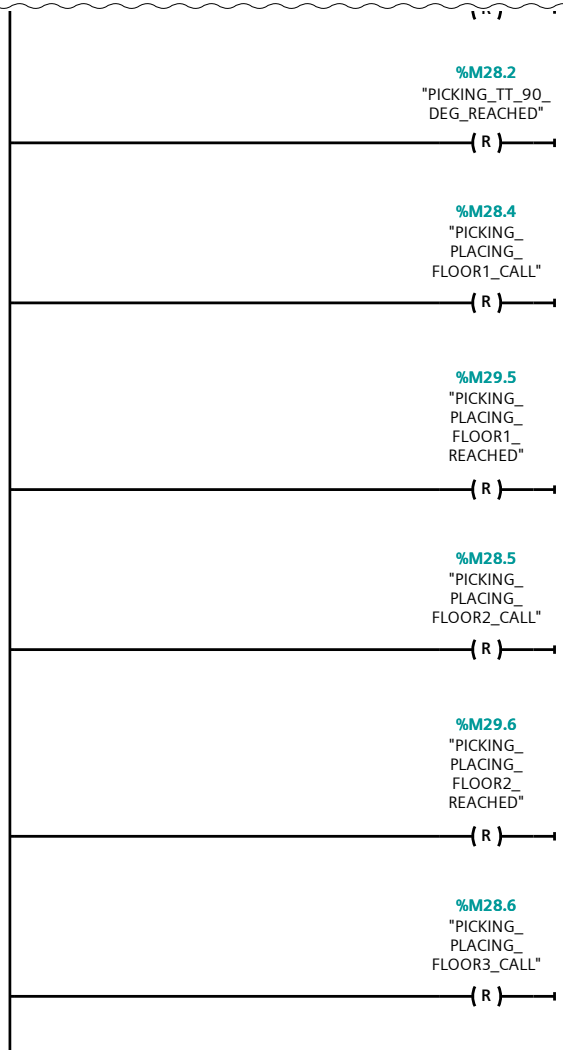
3.1 (Page1 - 105)



5.1 (Page1 - 107)

Network 118: PICKING_AUTO_CYCLE_RESET: (5.1 / 8.1)

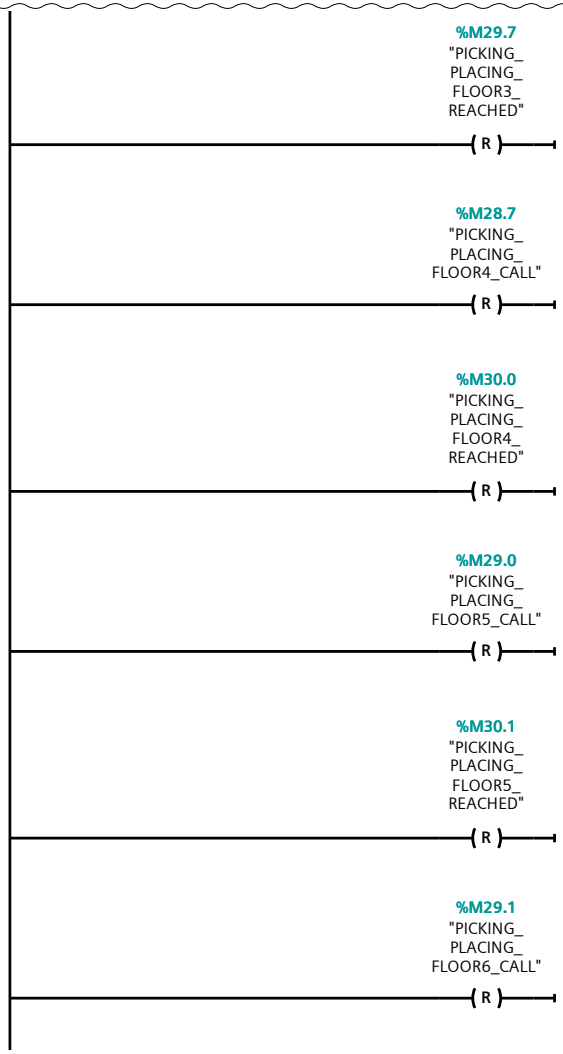
4.1 (Page1 - 106)



6.1 (Page1 - 108)

Network 118: PICKING_AUTO_CYCLE_RESET: (6.1 / 8.1)

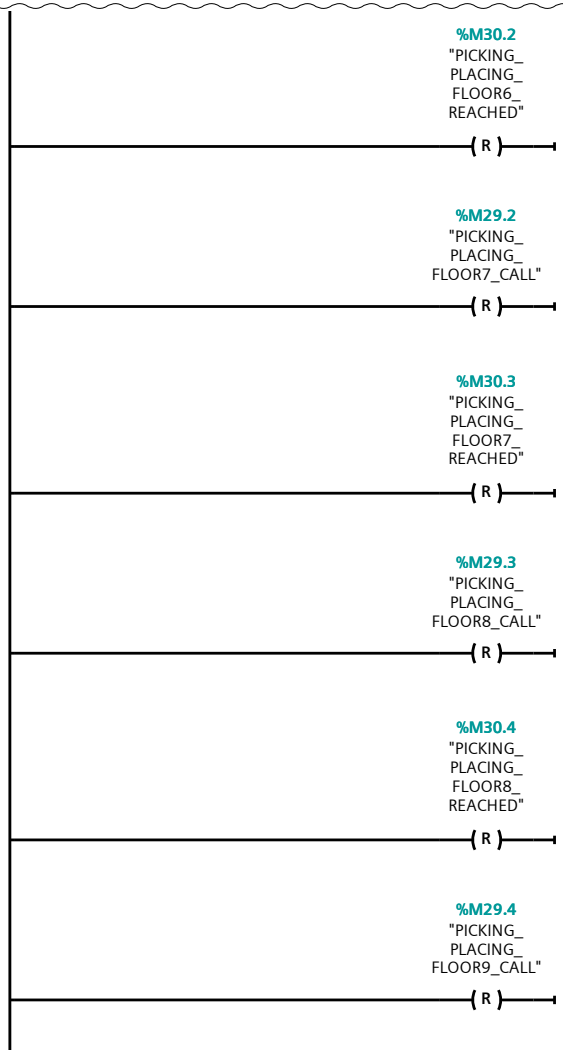
5.1 (Page1 - 107)



7.1 (Page1 - 109)

Network 118: PICKING_AUTO_CYCLE_RESET: (7.1 / 8.1)

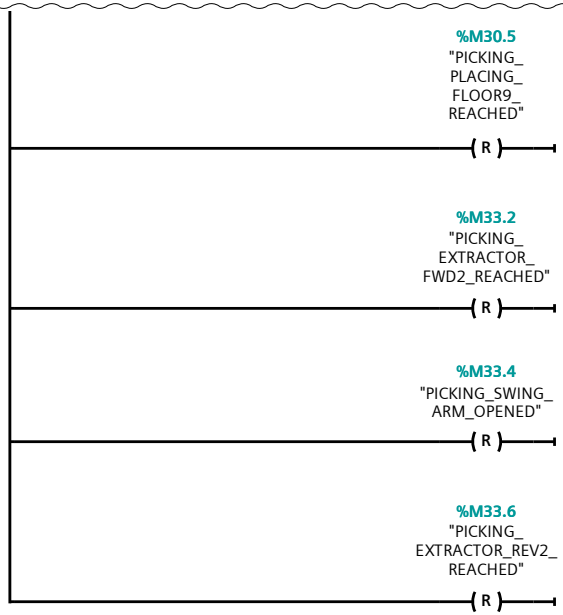
6.1 (Page1 - 108)



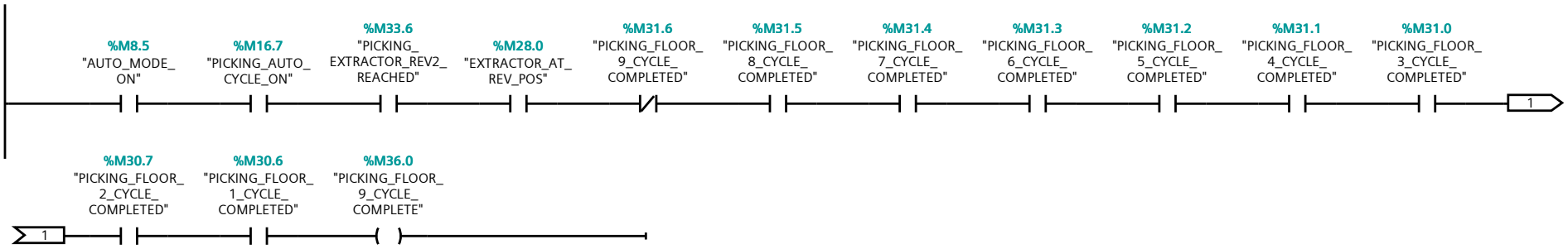
8.1 (Page1 - 110)

Network 118: PICKING_AUTO_CYCLE_RESET: (8.1 / 8.1)

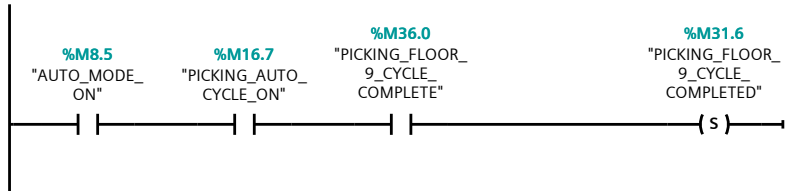
7.1 (Page1 - 109)



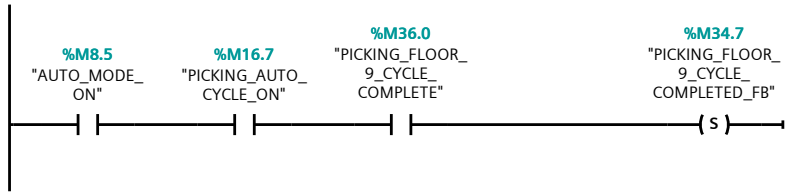
Network 119: PICKING_NINTH_FLOOR_CYCLE_COMPLETE:



Network 120: PICKING_NINTH_FLOOR_CYCLE_COMPLETED:

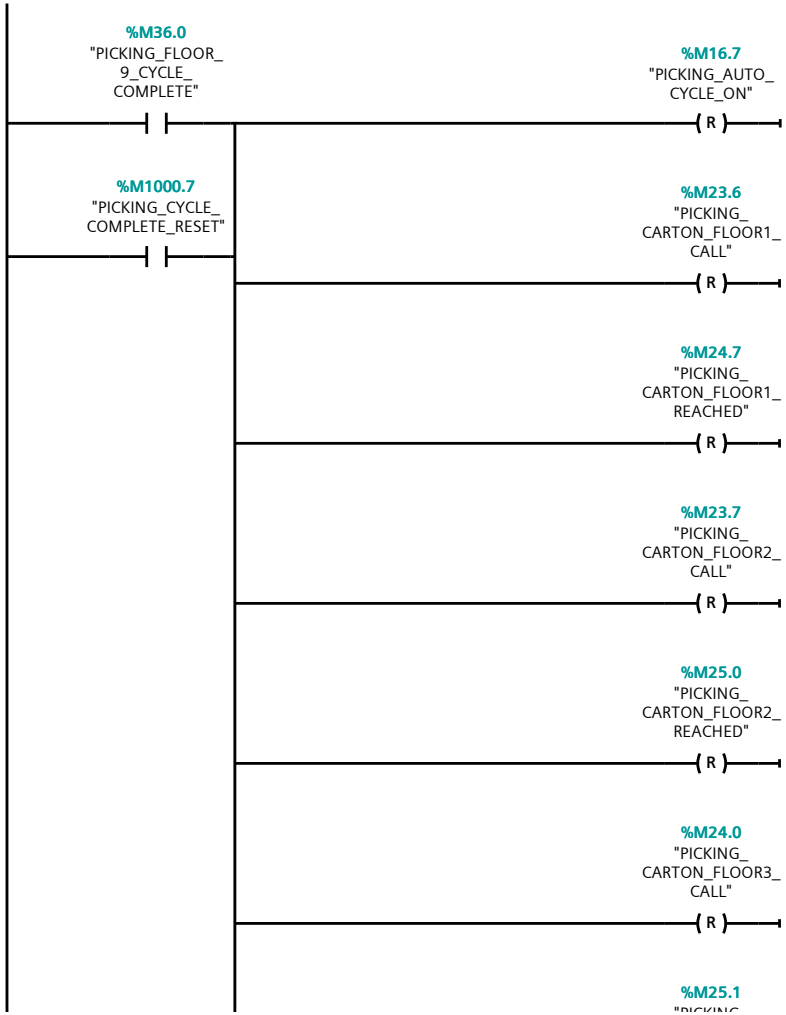


Network 121: PICKING_NINTH_FLOOR_CYCLE_COMPLETED_FB:



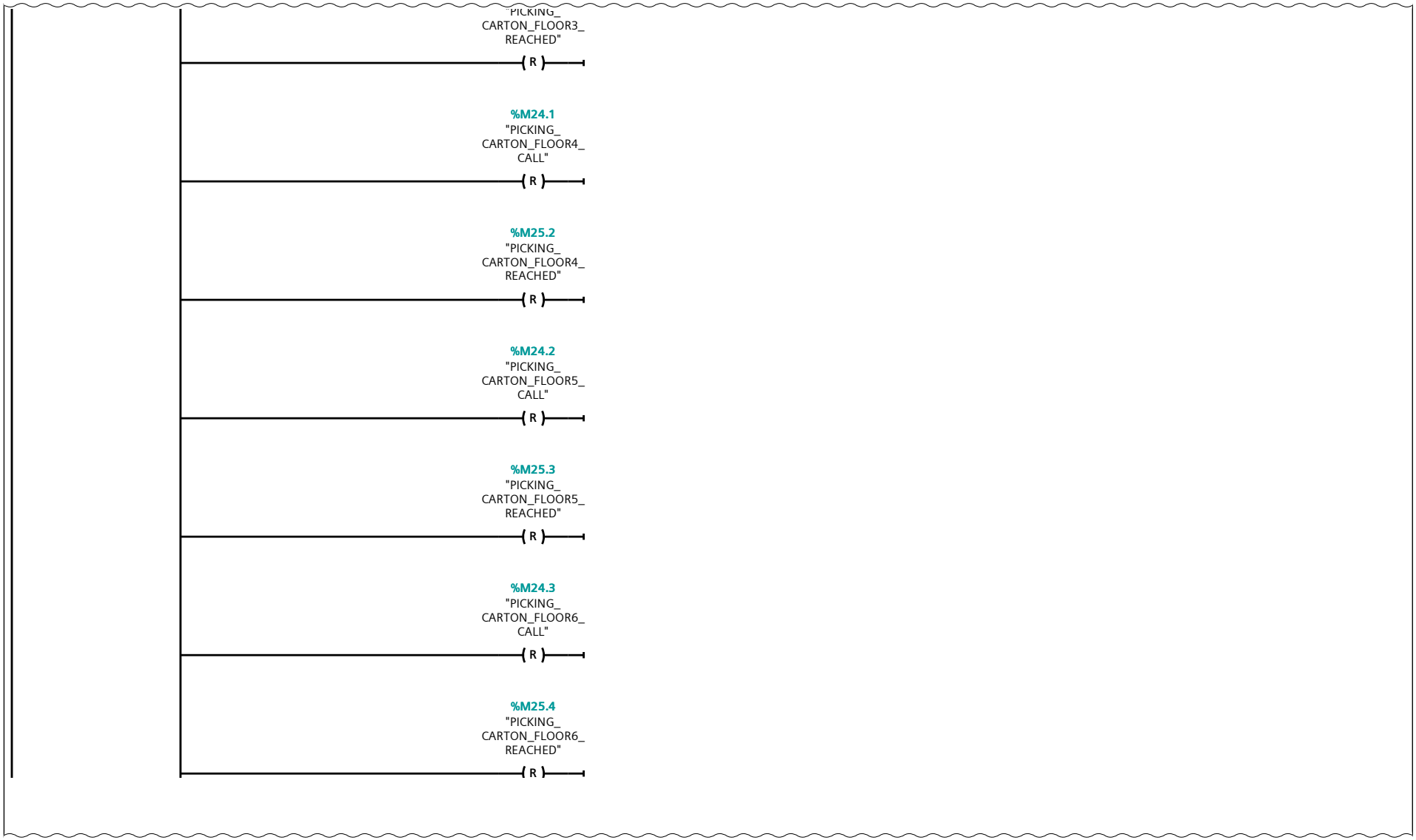
Network 122: PICKING_AUTO_CYCLE_RESET:

Network 122: PICKING_AUTO_CYCLE_RESET: (1.1 / 8.1)



Network 122: PICKING_AUTO_CYCLE_RESET: (2.1 / 8.1)

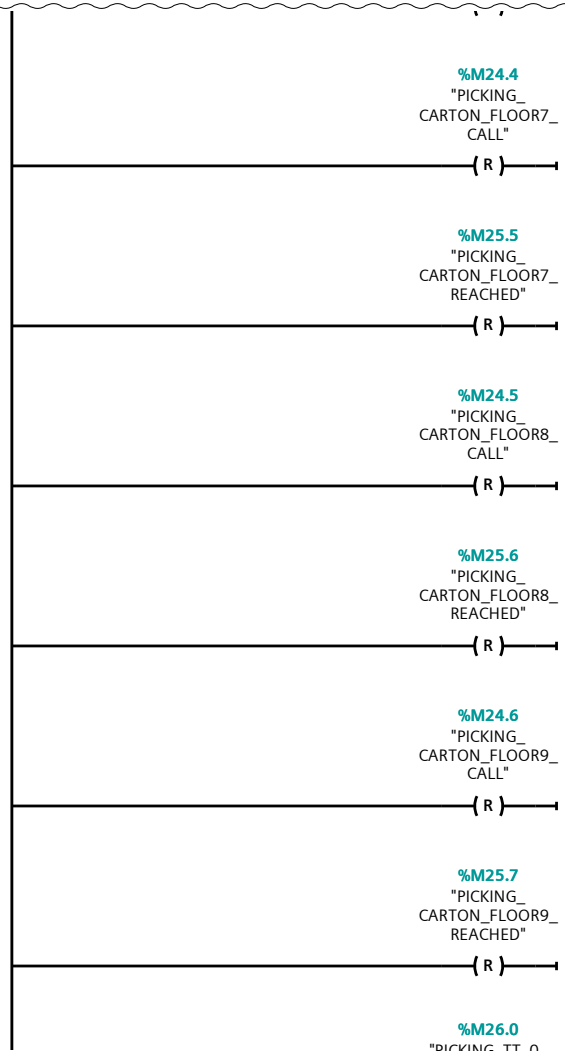
1.1 (Page1 - 113)



3.1 (Page1 - 115)

Network 122: PICKING_AUTO_CYCLE_RESET: (3.1 / 8.1)

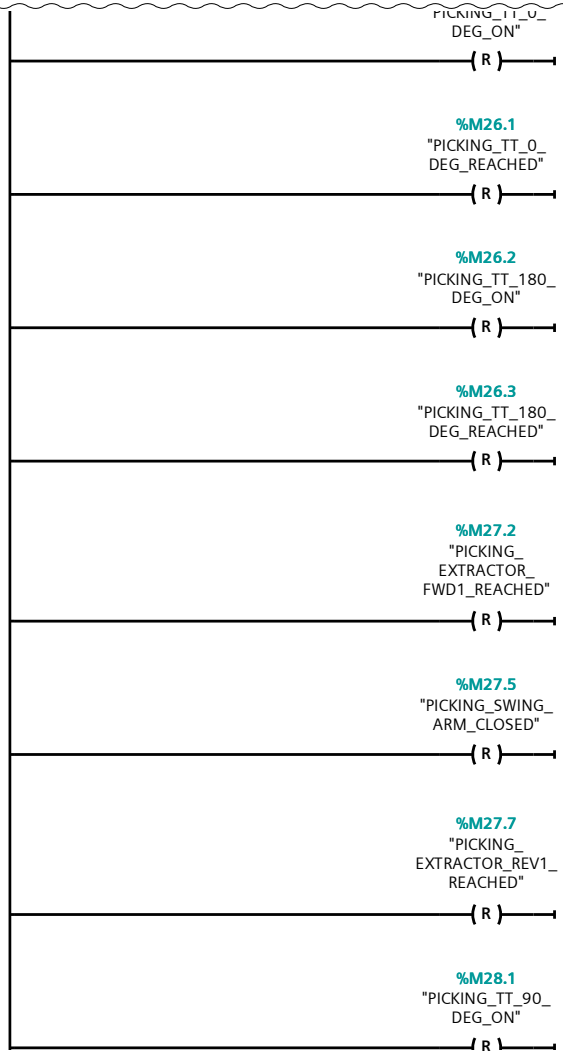
2.1 (Page1 - 114)



4.1 (Page1 - 116)

Network 122: PICKING_AUTO_CYCLE_RESET: (4.1 / 8.1)

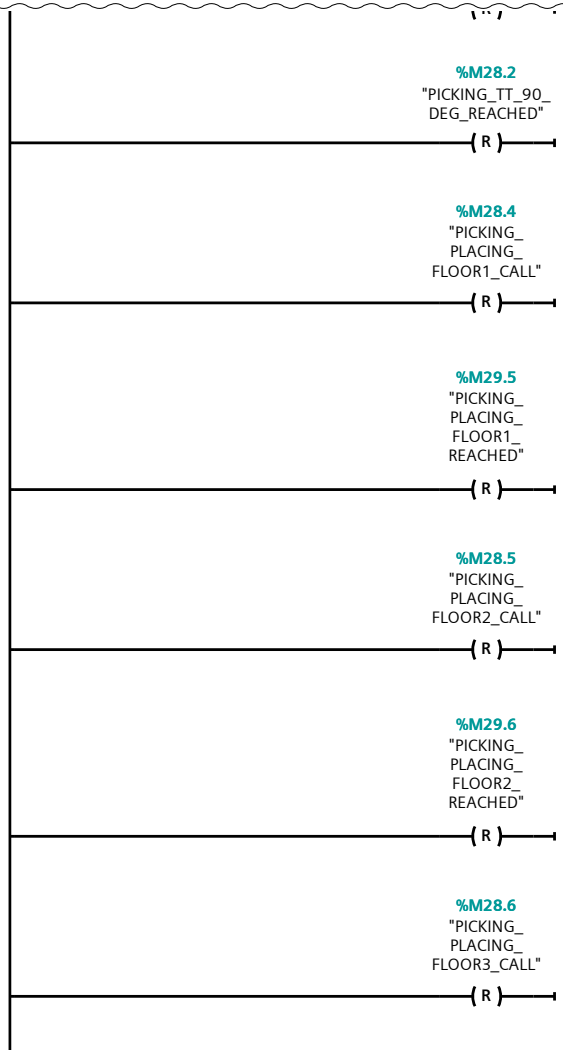
3.1 (Page1 - 115)



5.1 (Page1 - 117)

Network 122: PICKING_AUTO_CYCLE_RESET: (5.1 / 8.1)

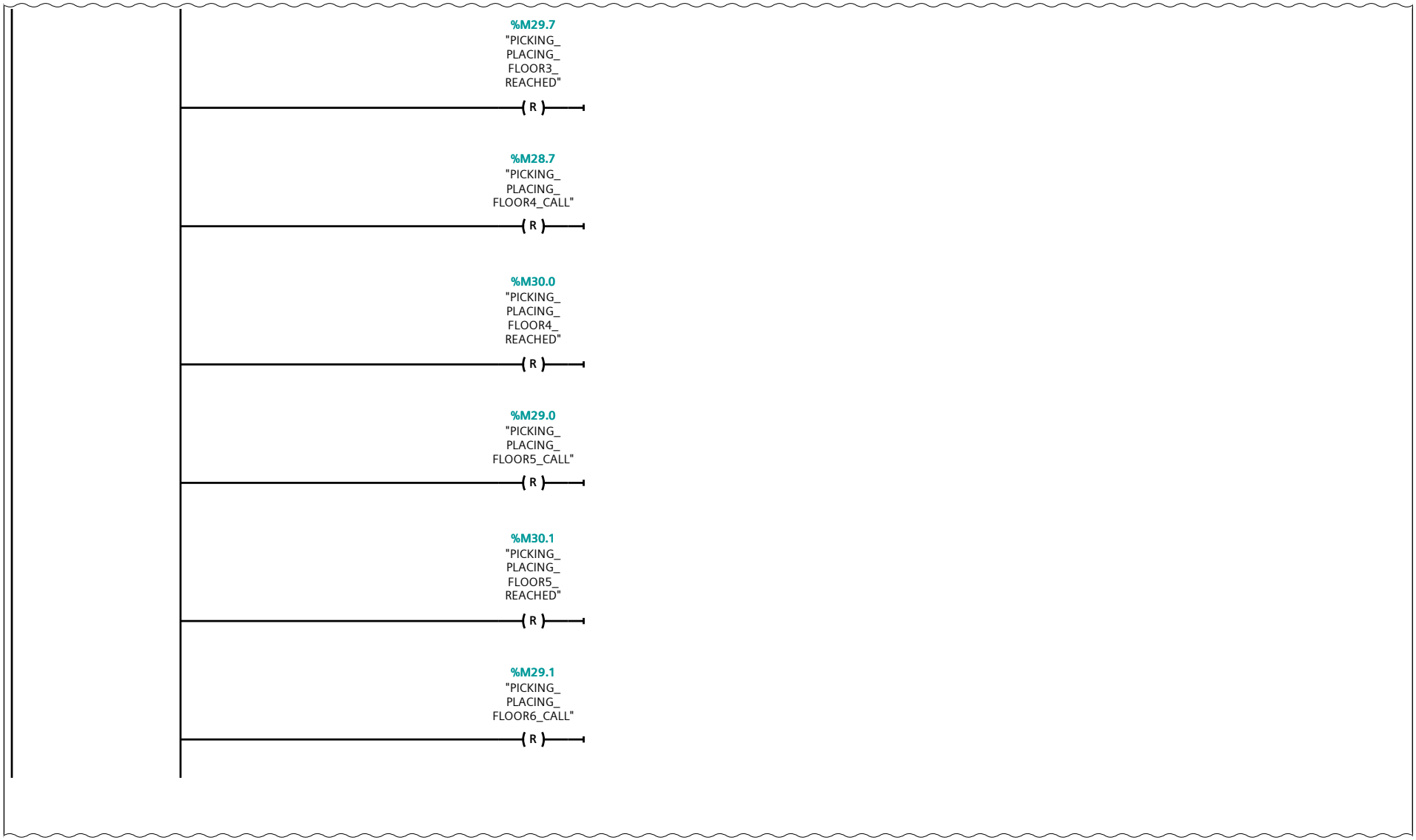
4.1 (Page1 - 116)



6.1 (Page1 - 118)

Network 122: PICKING_AUTO_CYCLE_RESET: (6.1 / 8.1)

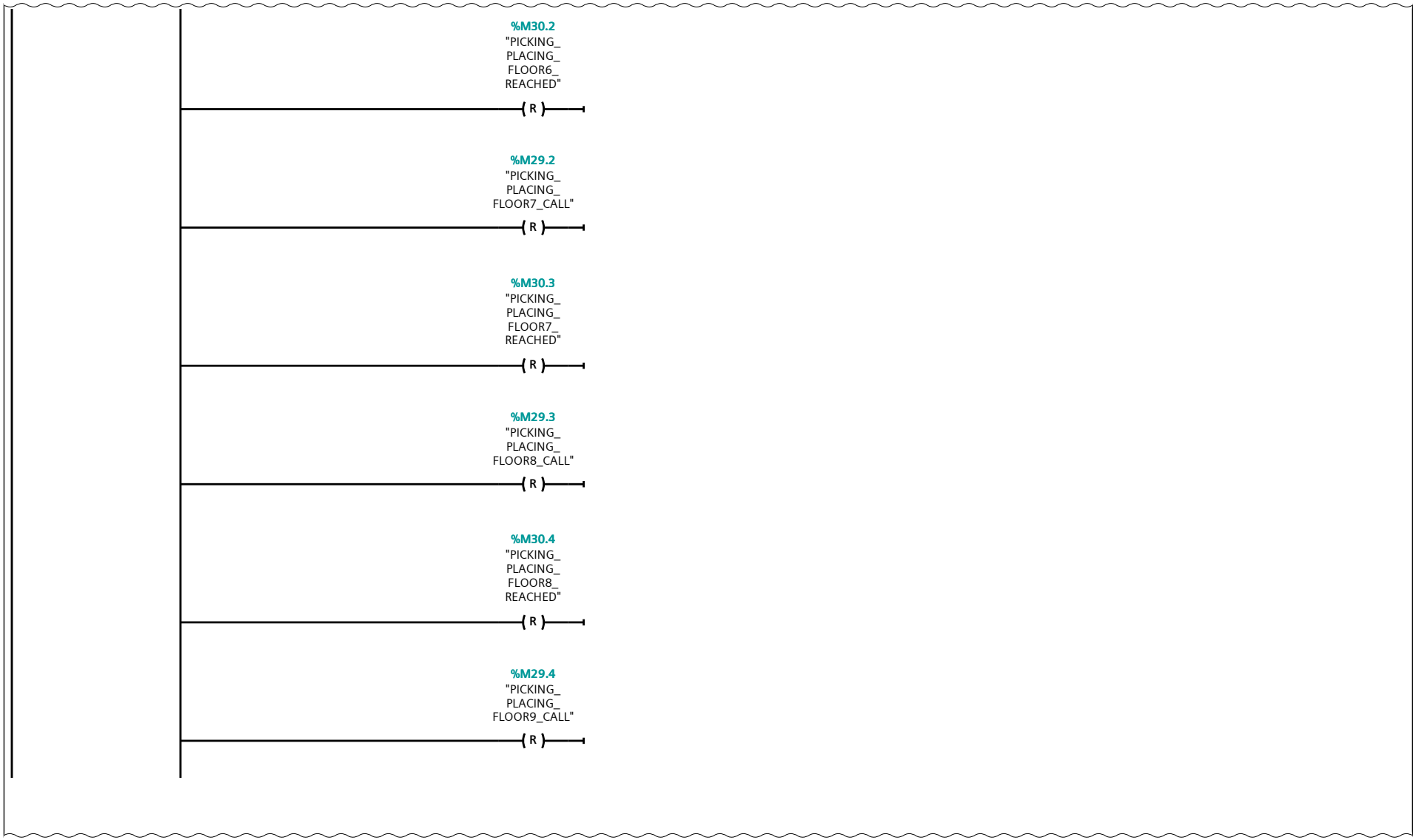
5.1 (Page1 - 117)



7.1 (Page1 - 119)

Network 122: PICKING_AUTO_CYCLE_RESET: (7.1 / 8.1)

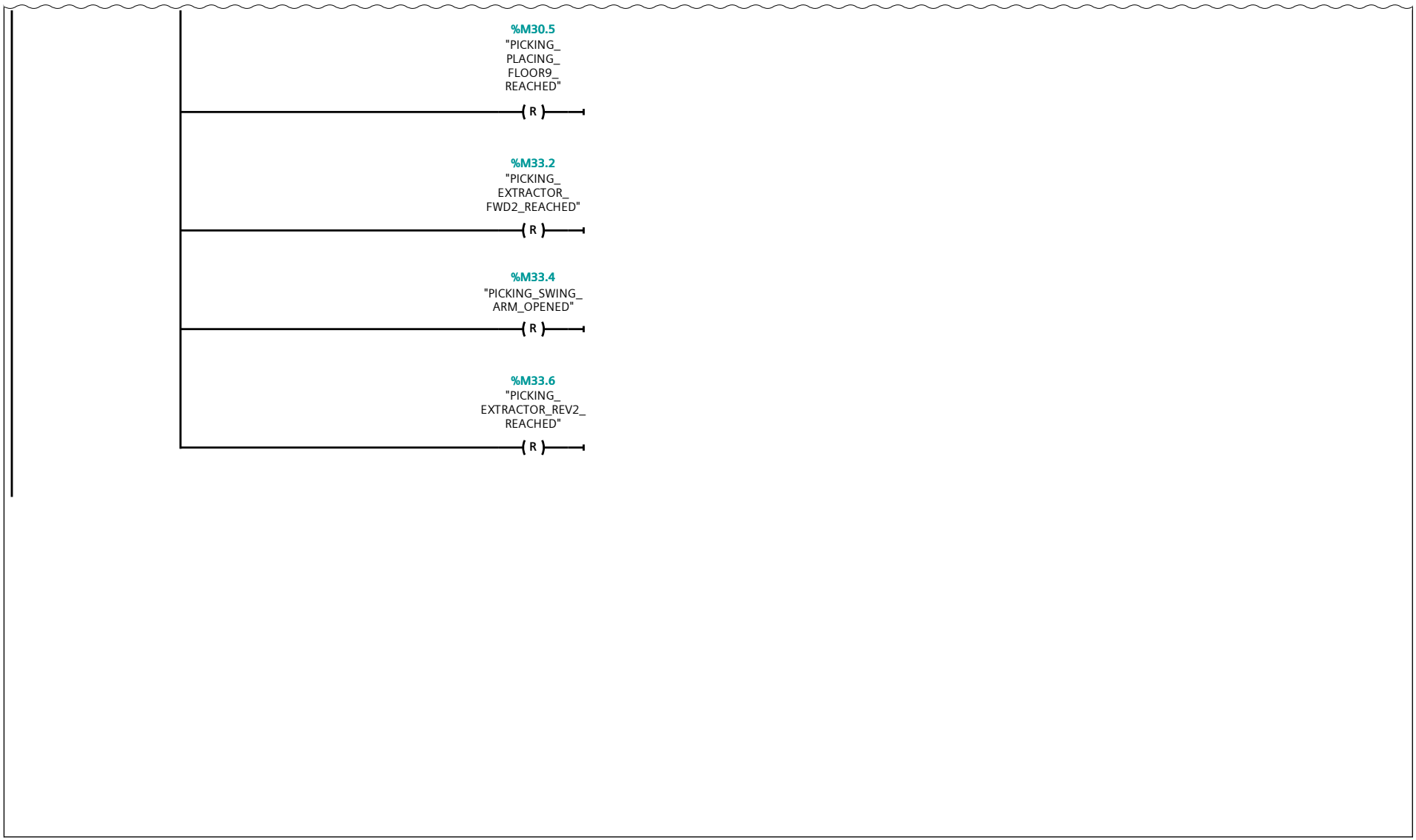
6.1 (Page1 - 118)



8.1 (Page1 - 120)

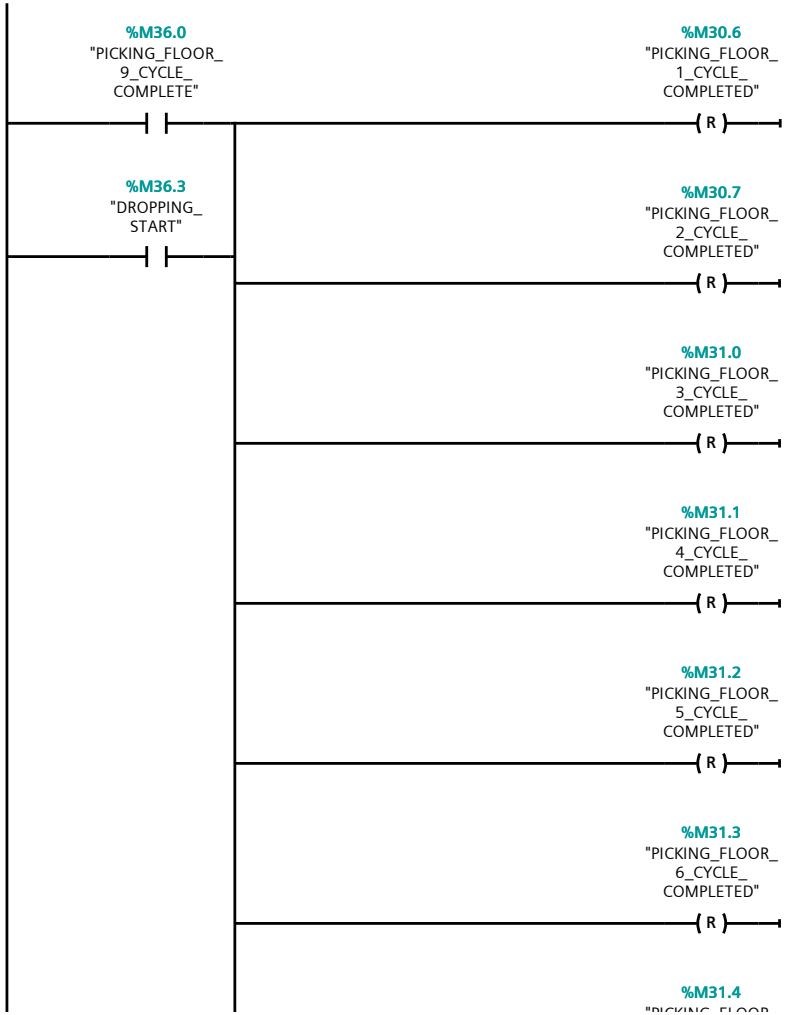
Network 122: PICKING_AUTO_CYCLE_RESET: (8.1 / 8.1)

7.1 (Page1 - 119)



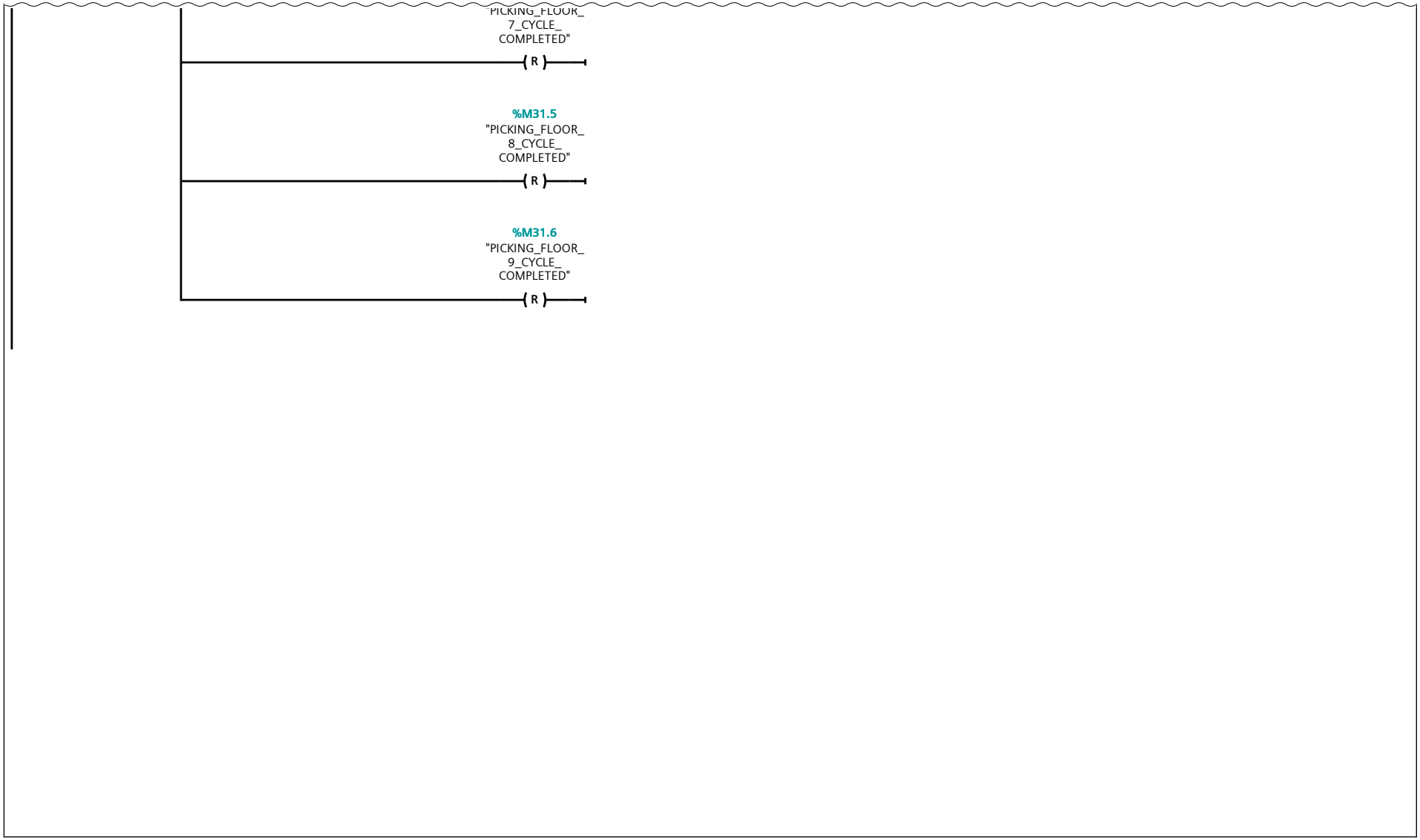
Network 123: PICKING_AUTO_CYCLE_RESET:

Network 123: PICKING_AUTO_CYCLE_RESET: (1.1 / 2.1)

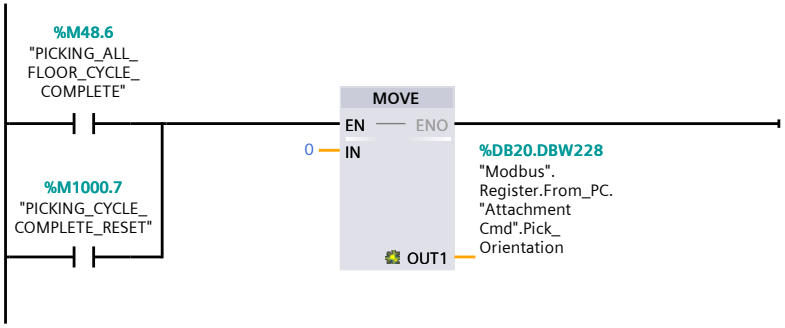


Network 123: PICKING_AUTO_CYCLE_RESET: (2.1 / 2.1)

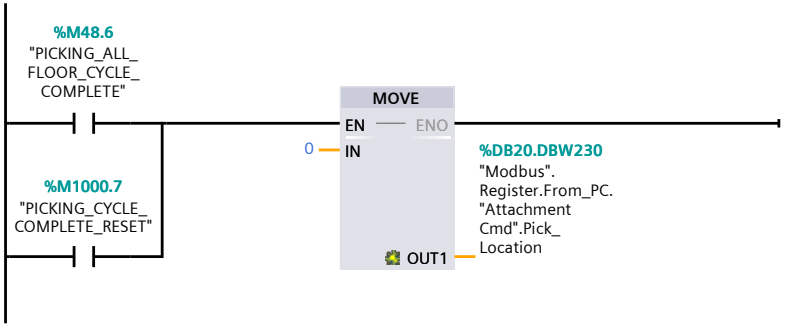
1.1 (Page1 - 122)



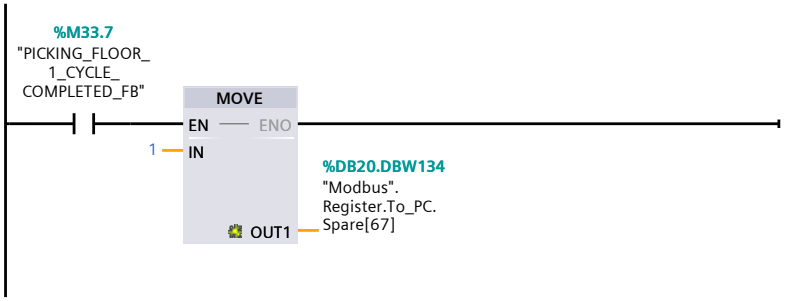
Network 124: PICKING_CYCLE_RESET:



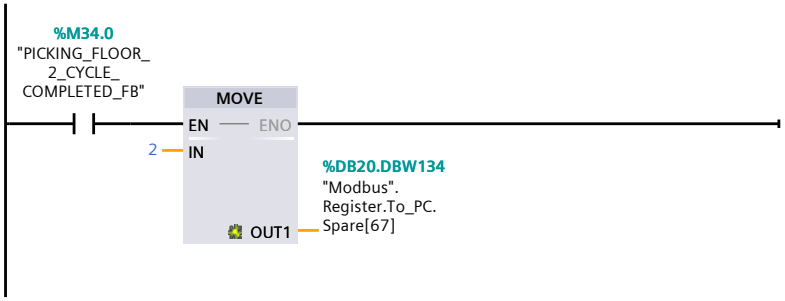
Network 125: PICKING_CYCLE_RESET:



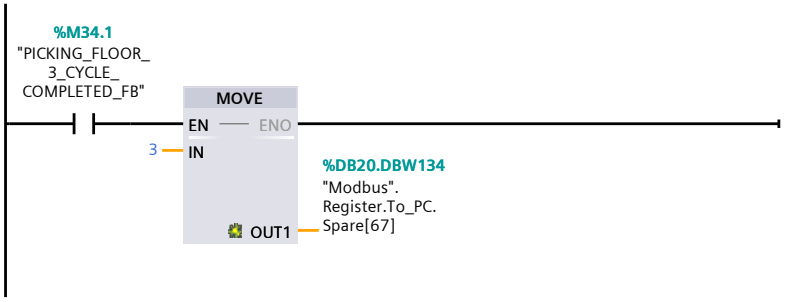
Network 126: PICKING_FLOOR1_CYCLE_COMPLETE_FB_TO_ROS:



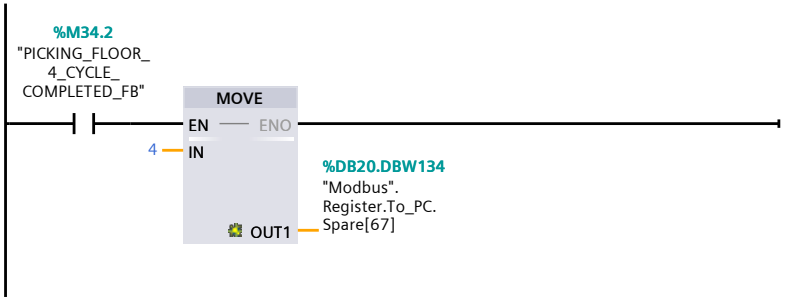
Network 127: PICKING_FLOOR2_CYCLE_COMPLETE_FB_TO_ROS:



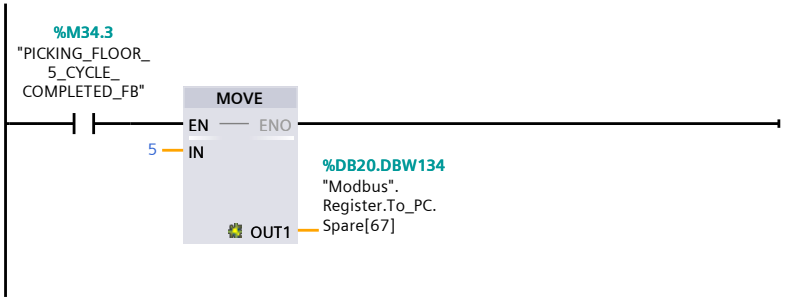
Network 128: PICKING_FLOOR3_CYCLE_COMPLETE_FB_TO_ROS:



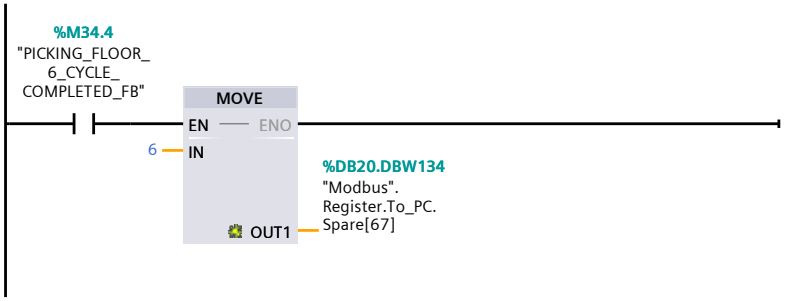
Network 129: PICKING_FLOOR4_CYCLE_COMPLETE_FB_TO_ROS:



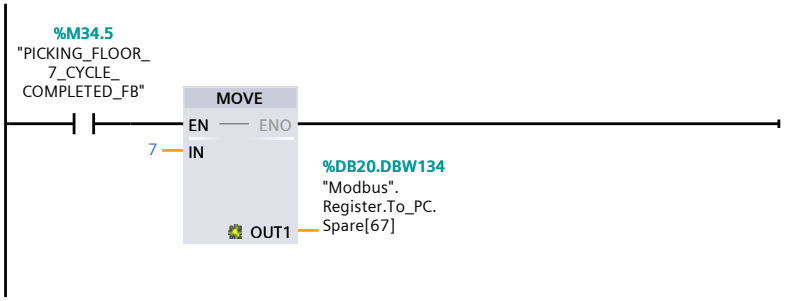
Network 130: PICKING_FLOOR5_CYCLE_COMPLETE_FB_TO_ROS:



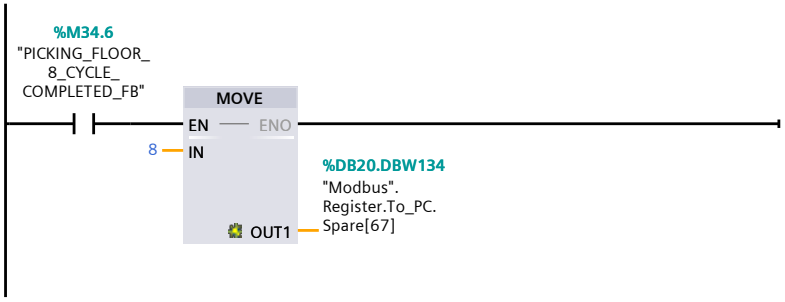
Network 131: PICKING_FLOOR6_CYCLE_COMPLETE_FB_TO_ROS:



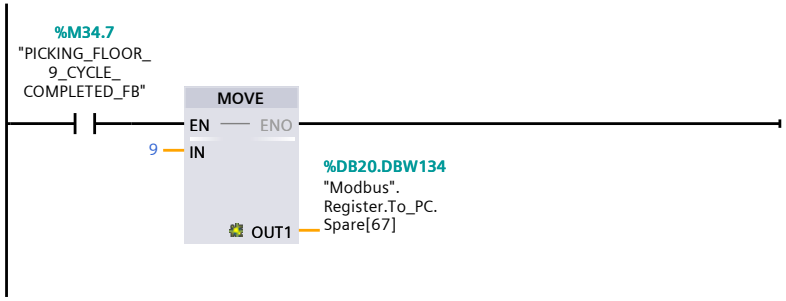
Network 132: PICKING_FLOOR7_CYCLE_COMPLETE_FB_TO_ROS:



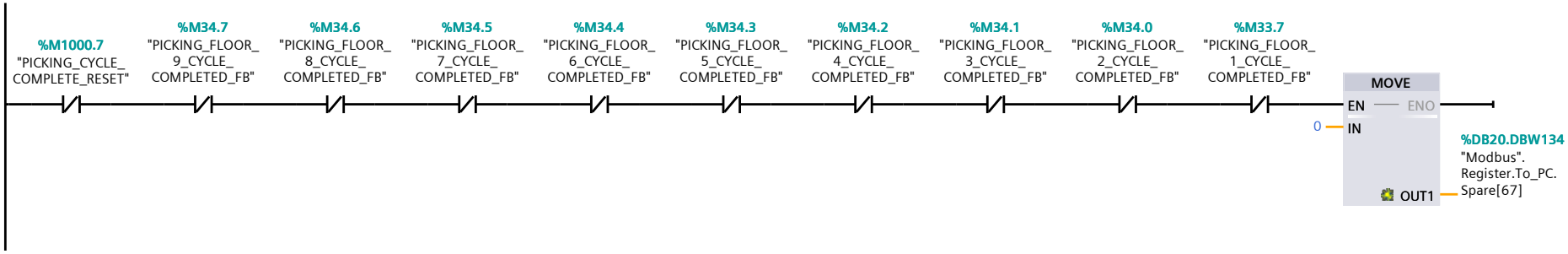
Network 133: PICKING_FLOOR8_CYCLE_COMPLETE_FB_TO_ROS:



Network 134: PICKING_FLOOR9_CYCLE_COMPLETE_FB_TO_ROS:

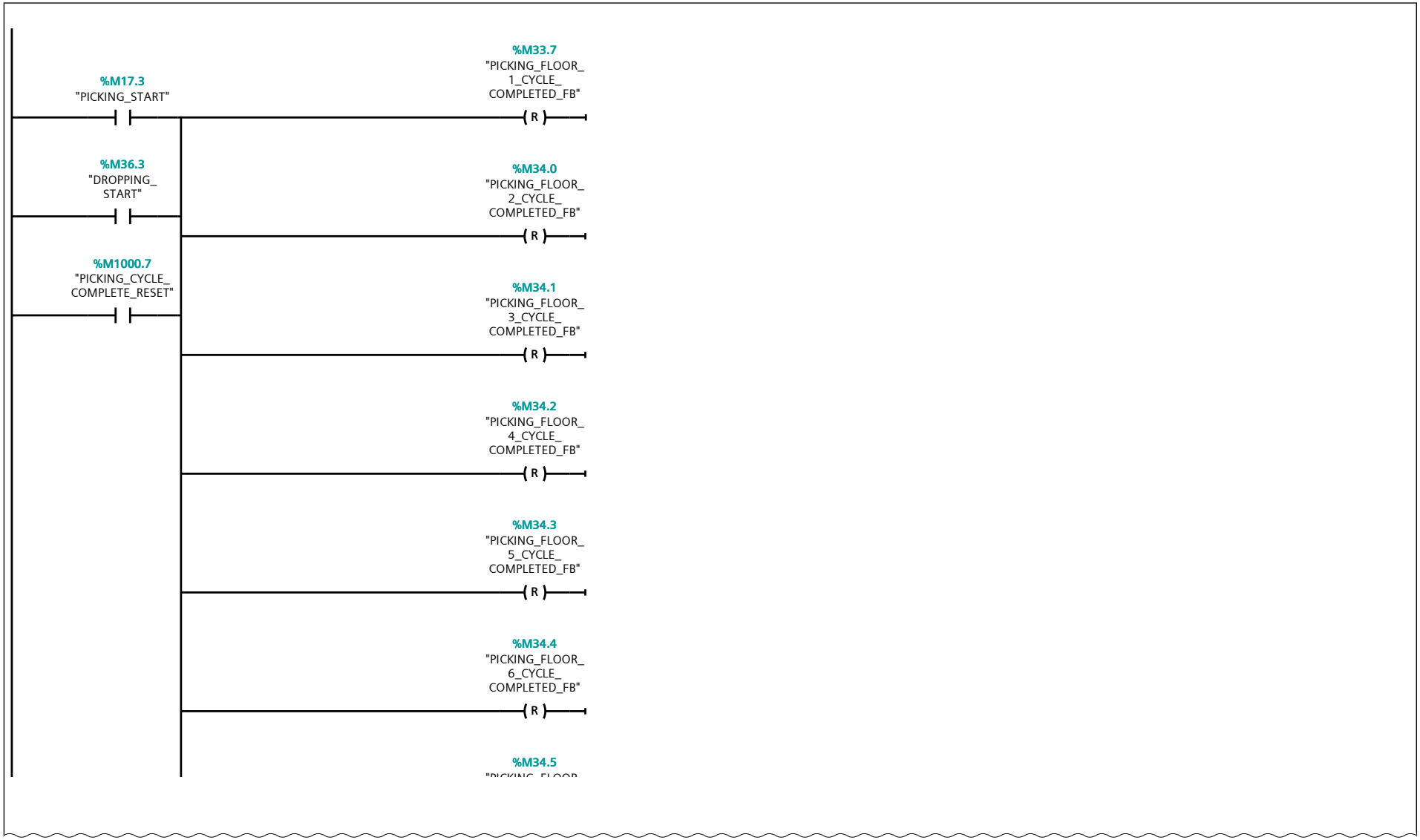


Network 135: PICKING_CYCLE_COMPLETE_FB_ZERO_TO_ROS:



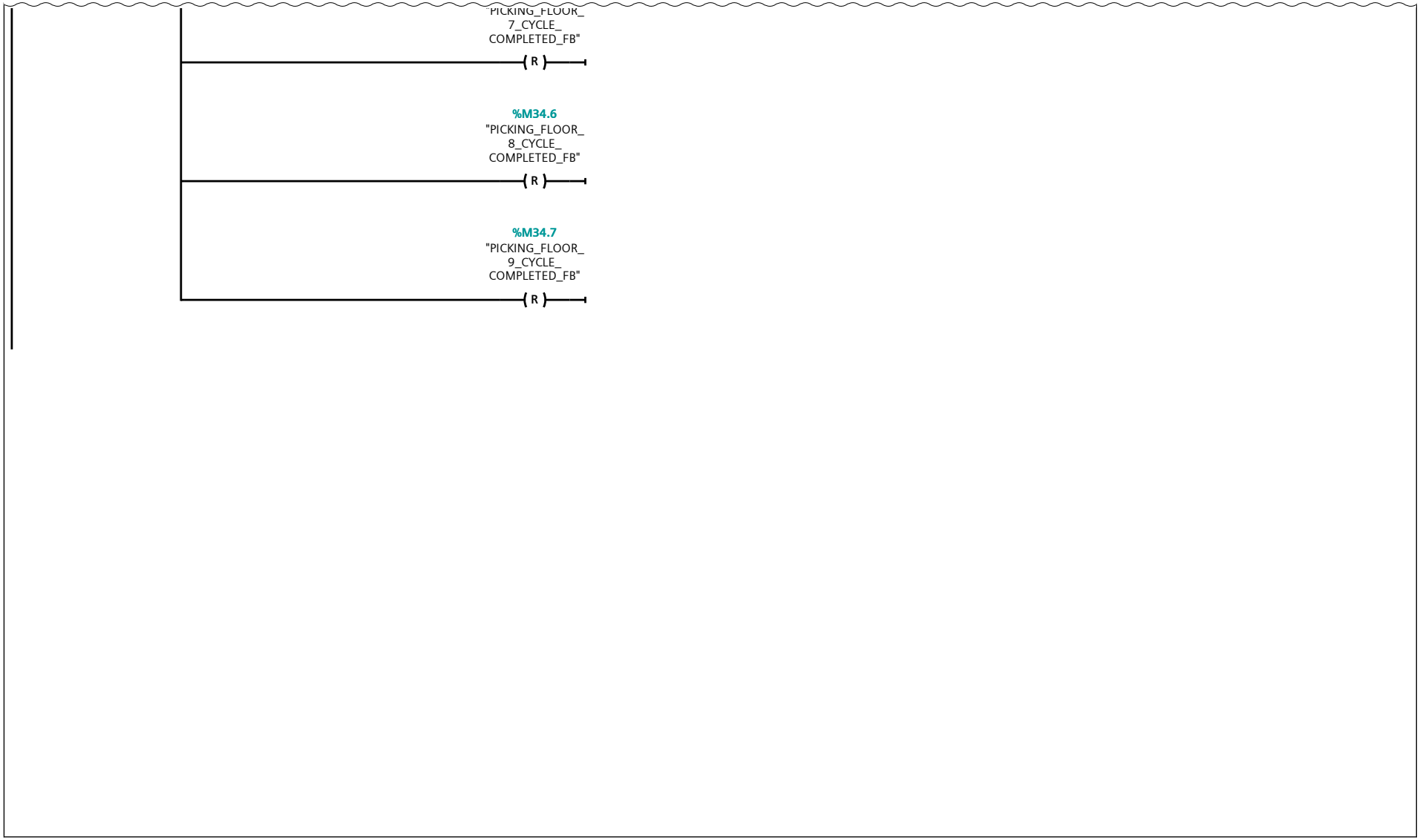
Network 136: PICKING_CYCLE_COMPLETE_RESET:

Network 136: PICKING_CYCLE_COMPLETE_RESET: (1.1 / 2.1)

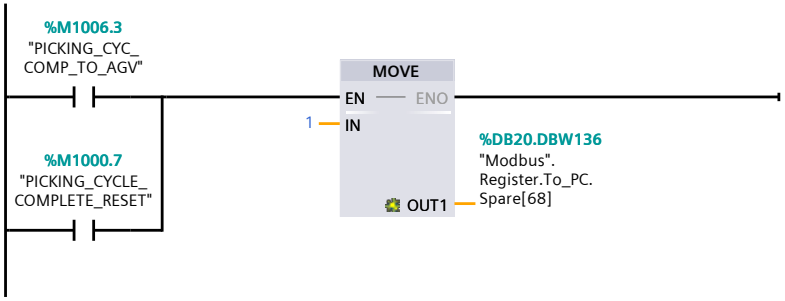


Network 136: PICKING_CYCLE_COMPLETE_RESET: (2.1 / 2.1)

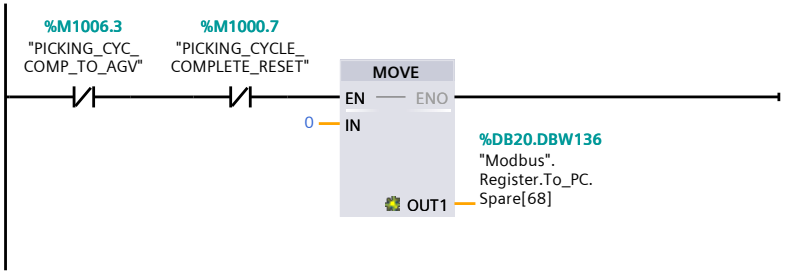
1.1 (Page1 - 129)



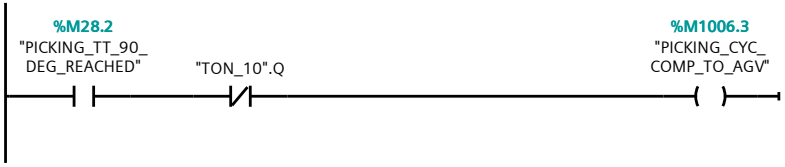
Network 137: PICKING_COMPLETE_SIGNAL_TO_ROS_FOR_ACR_MOVING:



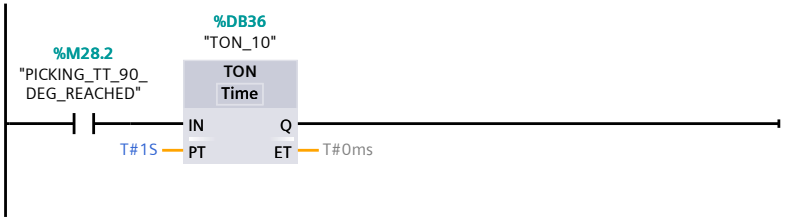
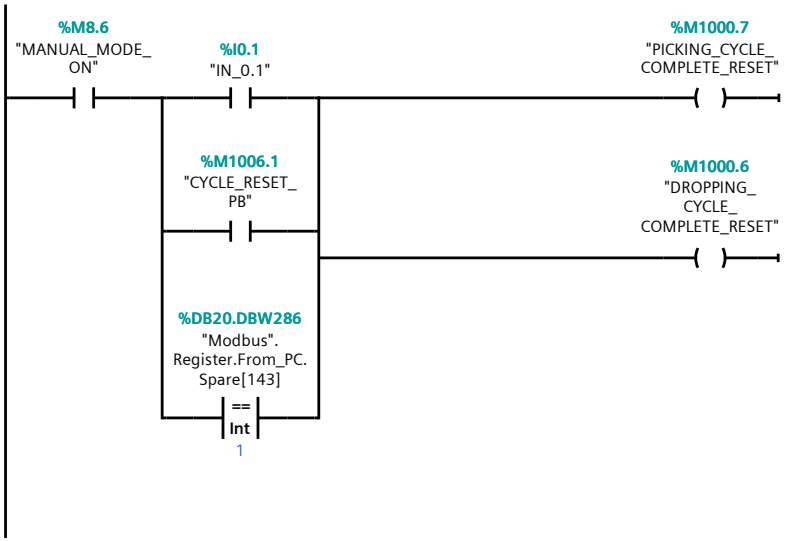
Network 138: PICKING_COMPLETE_SIGNAL_TO_ROS_FOR_ACR_MOVING:



Network 139: PICKING_TT_90_DEG_FB_TO_ROS:



Network 140: PICKING_TT_90_DEG_FB_RESET_TIMER:



Network 141: