Multicall - Ladder Diagram

Page 1

StartingFile_DamonPark:MainTask:MainProgram

4/9/2025 12:34:16 PM

Total number of rungs in routine: 8

Z:\TERM4\PLC\Elevator_Project_DamonPark_115.ACD

0

MOV
Move
Source   0
Dest   Upmode
0

MOV
Move
Source   0
Dest   Downmode
0

1

Virtual Floor
Indicator Light 2
V_FIL2

Virtual Indicator
Light 2
V_IL2

GRT
Greater Than (A>B)
Source A   F2
2
Source B   Current_Floor
1

MOV
Move
Source   F2
2
Dest   Upmode
0

2

Virtual Floor
Indicator Light 3
V_FIL3

Virtual Indicator
Light 3
V_IL3

GRT
Greater Than (A>B)
Source A   F3
3
Source B   Current_Floor
1

MOV
Move
Source   F3
3
Dest   Upmode
0

3

Virtual Floor
Indicator Light 4
V_FIL4

Virtual Indicator
Light 4
V_IL4

GRT
Greater Than (A>B)
Source A   F4
4
Source B   Current_Floor
1

MOV
Move
Source   F4
4
Dest   Upmode
0

4

Virtual Floor
Indicator Light 3
V_FIL3

Virtual Indicator
Light 3
V_IL3

LES
Less Than (A<B)
Source A   F3
3
Source B   Current_Floor
1

MOV
Move
Source   F3
3
Dest   Downmode
0

5

Virtual Floor
Indicator Light 2
V_FIL2

Virtual Indicator
Light 2
V_IL2

LES
Less Than (A<B)
Source A   F2
2
Source B   Current_Floor
1

MOV
Move
Source   F2
2
Dest   Downmode
0

6
```
     Virtual Floor
   Indicator Light 1
        V_FIL1                    ┌────── LES ──────┐                          ┌────── MOV ──────┐
         ─┤ ├─                    │  Less Than (A<B) │                          │  Move            │
                                  │  Source A     F1 │                          │  Source      F1  │
     Virtual Indicator           │                1 │                          │               1  │
        Light 1                   │  Source B Current_Floor                     │  Dest   Downmode │
        V_IL1                     │               1  │                          │               0  │
         ─┤ ├─                    └──────────────────┘                          └──────────────────┘
```

7
```
                                                    ┌────── RET ──────┐
                                                    │ Return from Subroutine │
                                                    └──────────────────┘
```

(End)