StartingFile_DamonPark - Controller Tag Listing   **Page 1**
StartingFile_DamonPark (Controller)   4/11/2025 11:44:47 AM
Z:\TERM4\PLC\Elevator_Project_DamonPark_115.ACD

Name	Value	Data Type	Scope
CR0	0	BOOL	StartingFile_DamonPark
Changes the direction of the M0			
AliasFor:	Local:5:O.Data.4		
Base Tag:	Local:5:O.Data.4		
Constant	No		
External Access:	Read/Write		
*CR0 - MainProgram/Buffer - *16(OTE)*			
Current_Floor	1	DINT	StartingFile_DamonPark
Show which floor the elevator is located			
Constant	No		
External Access:	Read/Write		
*Current_Floor - MainProgram/Floorcall - *0(MOV), *1(MOV), *2(MOV), *3(MOV)*			
Current_Floor - MainProgram/MainRoutine - 11(GRT), 12(GRT), 15(GRT), 16(LES)			
Current_Floor - MainProgram/Multicall - 1(GRT), 2(GRT), 3(GRT), 4(LES), 5(LES), 6(LES)			
Current_State	0	DINT	StartingFile_DamonPark
Current State of the FSM			
Constant	No		
External Access:	Read/Write		
*Current_State - MainProgram/MainRoutine - *2(MOV), *3(MOV), 11(EQU), 12(EQU), 13(EQU), 14(EQU), 15(EQU), 16(EQU), 17(EQU), 18(EQU), 2(NEQ), 4(EQU), 5(EQU), 6(EQU), 7(EQU)*			
D_Current_State	0	DINT	StartingFile_DamonPark
Current Door State of the Door State machine			
Constant	No		
External Access:	Read/Write		
*D_Current_State - MainProgram/Door - *0(MOV), *1(MOV), 1(NEQ), 10(EQU), 2(EQU), 3(EQU), 4(EQU), 5(EQU), 6(EQU), 7(EQU), 8(EQU)*			
D_Next_State	0	DINT	StartingFile_DamonPark
Accepted Next Door State of the Door State machine			
Constant	No		
External Access:	Read/Write		
*D_Next_State - MainProgram/Door - *0(MOV), *2(MOV), *3(MOV), *4(MOV), *5(MOV), *6(MOV), 1(MOV), 1(NEQ), 10(EQU), 2(EQU), 3(EQU), 4(EQU), 5(EQU), 6(EQU), 7(EQU), 8(EQU)*			
DCLS	1	BOOL	StartingFile_DamonPark
Door Close Limit Switch			
AliasFor:	Local:3:I.Data.8		
Base Tag:	Local:3:I.Data.8		
Constant	No		
External Access:	Read/Write		
DCLS - MainProgram/Buffer - 35(XIC)			
DOLS	0	BOOL	StartingFile_DamonPark
Door Open Limit Switch			
AliasFor:	Local:3:I.Data.9		
Base Tag:	Local:3:I.Data.9		
Constant	No		
External Access:	Read/Write		
DOLS - MainProgram/Buffer - 34(XIC)			
Door_5s		TIMER	StartingFile_DamonPark
5 second timer Door closes 5sec after open			
Constant	No		
External Access:	Read/Write		
*Door_5s - MainProgram/Door - *7(TON), *8(RES)*			
Door_5s.PRE	5000	DINT	
5 second timer Door closes 5sec after open			
Door_5s.ACC	0	DINT	
5 second timer Door closes 5sec after open			
*Door_5s.ACC - MainProgram/Door - *9(MOV)*			
Door_5s.EN	0	BOOL	
5 second timer Door closes 5sec after open			
Door_5s.TT	0	BOOL	

Door_5s (Continued)
    5 second timer Door closes 5sec after open

Door_5s.DN   0   BOOL
    5 second timer Door closes 5sec after open
    Door_5s.DN - MainProgram/Door - 2(XIC)

Downmode   0   DINT   StartingFile_DamonPark
    Saves the floor if the called floor is lower than current floor
    Constant   No
    External Access: Read/Write
    Downmode - MainProgram/MainRoutine - 12(GRT), 12(NEQ), 14(EQU), 16(LES)
    Downmode - MainProgram/Multicall - *0(MOV), *4(MOV), *5(MOV), *6(MOV)

EMERGENCY   0   BOOL   StartingFile_DamonPark
    True when the state is State_100_Emergency. Controls MCR
    Constant   No
    External Access: Read/Write
    EMERGENCY - MainProgram/MainRoutine - *5(OTE), 13(XIO), 8(XIO)

Enable_PB   TIMER   StartingFile_DamonPark
    2 second timer Enable the PBC 2 sec after door open
    Constant   No
    External Access: Read/Write
    Enable_PB - MainProgram/Door - *7(TON), *8(RES)
Enable_PB.PRE   2000   DINT
    2 second timer Enable the PBC 2 sec after door open
Enable_PB.ACC   0   DINT
    2 second timer Enable the PBC 2 sec after door open
Enable_PB.EN   0   BOOL
    2 second timer Enable the PBC 2 sec after door open
Enable_PB.TT   0   BOOL
    2 second timer Enable the PBC 2 sec after door open
Enable_PB.DN   0   BOOL
    2 second timer Enable the PBC 2 sec after door open
    Enable_PB.DN - MainProgram/Door - 2(XIC)

F1   1   DINT   StartingFile_DamonPark
    Floor1 = 1
    Constant   No
    External Access: Read/Write
    F1 - MainProgram/Floorcall - 0(MOV)
    F1 - MainProgram/Multicall - 6(LES), 6(MOV)

F2   2   DINT   StartingFile_DamonPark
    Floor2 = 2
    Constant   No
    External Access: Read/Write
    F2 - MainProgram/Floorcall - 1(MOV)
    F2 - MainProgram/Multicall - 1(GRT), 1(MOV), 5(LES), 5(MOV)

F3   3   DINT   StartingFile_DamonPark
    Floor3 = 3
    Constant   No
    External Access: Read/Write
    F3 - MainProgram/Floorcall - 2(MOV)
    F3 - MainProgram/Multicall - 2(GRT), 2(MOV), 4(LES), 4(MOV)

F4   4   DINT   StartingFile_DamonPark
    Floor4 = 4
    Constant   No
    External Access: Read/Write
    F4 - MainProgram/Floorcall - 3(MOV)
    F4 - MainProgram/Multicall - 3(GRT), 3(MOV)

FIL1   0   BOOL   StartingFile_DamonPark
  Floor1 Indicator Light
  AliasFor: Local:4:O.Data.11
  Base Tag: Local:4:O.Data.11
  Constant   No
  External Access: Read/Write
  *FIL1 - MainProgram/Buffer - *11(OTE)*

FIL2   0   BOOL   StartingFile_DamonPark
  Floor2 Indicator Light
  AliasFor: Local:4:O.Data.10
  Base Tag: Local:4:O.Data.10
  Constant   No
  External Access: Read/Write
  *FIL2 - MainProgram/Buffer - *10(OTE)*

FIL3   0   BOOL   StartingFile_DamonPark
  Floor3 Indicator Light
  AliasFor: Local:4:O.Data.9
  Base Tag: Local:4:O.Data.9
  Constant   No
  External Access: Read/Write
  *FIL3 - MainProgram/Buffer - *9(OTE)*

FIL4   0   BOOL   StartingFile_DamonPark
  Floor4 Indicator Light
  AliasFor: Local:4:O.Data.8
  Base Tag: Local:4:O.Data.8
  Constant   No
  External Access: Read/Write
  *FIL4 - MainProgram/Buffer - *8(OTE)*

FLS1   1   BOOL   StartingFile_DamonPark
  Floor1 Limit Swtich
  AliasFor: Local:3:I.Data.0
  Base Tag: Local:3:I.Data.0
  Constant   No
  External Access: Read/Write
  FLS1 - MainProgram/Buffer - 30(XIC)

FLS2   0   BOOL   StartingFile_DamonPark
  Floor2 Indicator Light
  AliasFor: Local:3:I.Data.1
  Base Tag: Local:3:I.Data.1
  Constant   No
  External Access: Read/Write
  FLS2 - MainProgram/Buffer - 31(XIC)

FLS3   0   BOOL   StartingFile_DamonPark
  Floor3 Indicator Light
  AliasFor: Local:3:I.Data.2
  Base Tag: Local:3:I.Data.2
  Constant   No
  External Access: Read/Write
  FLS3 - MainProgram/Buffer - 32(XIC)

FLS4   0   BOOL   StartingFile_DamonPark
  Floor4 Indicator Light
  AliasFor: Local:3:I.Data.3
  Base Tag: Local:3:I.Data.3
  Constant   No
  External Access: Read/Write
  FLS4 - MainProgram/Buffer - 33(XIC)

FPB1   0   BOOL   StartingFile_DamonPark
  Floor1 Push Button
  AliasFor: Local:2:I.Data.11
  Base Tag: Local:2:I.Data.11
  Constant   No
  External Access: Read/Write
  FPB1 - MainProgram/Buffer - 29(XIC)

FPB2   0   BOOL   StartingFile_DamonPark
  Floor2 Indicator Light
  AliasFor: Local:2:I.Data.10
  Base Tag: Local:2:I.Data.10
  Constant   No
  External Access: Read/Write
  FPB2 - MainProgram/Buffer - 28(XIC)

FPB3   0   BOOL   StartingFile_DamonPark
  Floor3 Indicator Light
  AliasFor: Local:2:I.Data.9
  Base Tag: Local:2:I.Data.9
  Constant   No
  External Access: Read/Write
  FPB3 - MainProgram/Buffer - 27(XIC)

FPB4   0   BOOL   StartingFile_DamonPark
  Floor4 Indicator Light
  AliasFor: Local:2:I.Data.8
  Base Tag: Local:2:I.Data.8
  Constant   No
  External Access: Read/Write
  FPB4 - MainProgram/Buffer - 26(XIC)

HMI_FPB1   0   BOOL   StartingFile_DamonPark
  Constant   No
  External Access: Read/Write
  HMI_FPB1 - MainProgram/Buffer - 29(XIC)

HMI_FPB2   0   BOOL   StartingFile_DamonPark
  Constant   No
  External Access: Read/Write
  HMI_FPB2 - MainProgram/Buffer - 28(XIC)

HMI_FPB3   0   BOOL   StartingFile_DamonPark
  Constant   No
  External Access: Read/Write
  HMI_FPB3 - MainProgram/Buffer - 27(XIC)

HMI_FPB4   0   BOOL   StartingFile_DamonPark
  Constant   No
  External Access: Read/Write
  HMI_FPB4 - MainProgram/Buffer - 26(XIC)

HMI_PB1   0   BOOL   StartingFile_DamonPark
  Constant   No
  External Access: Read/Write
  HMI_PB1 - MainProgram/Buffer - 19(XIC)

HMI_PB2   0   BOOL   StartingFile_DamonPark
  Constant   No
  External Access: Read/Write
  HMI_PB2 - MainProgram/Buffer - 20(XIC)

HMI_PB3   0   BOOL   StartingFile_DamonPark
  Constant   No

HMI_PB3 (Continued)
   External Access: Read/Write
   HMI_PB3 - MainProgram/Buffer - 21(XIC)

HMI_PB4   0   BOOL   StartingFile_DamonPark
   Constant   No
   External Access: Read/Write
   HMI_PB4 - MainProgram/Buffer - 22(XIC)

HMI_PBC   0   BOOL   StartingFile_DamonPark
   Constant   No
   External Access: Read/Write
   HMI_PBC - MainProgram/Buffer - 25(XIC)

HMI_PBE5   0   BOOL   StartingFile_DamonPark
   Constant   No
   External Access: Read/Write
   HMI_PBE5 - MainProgram/Buffer - 23(XIC)

HMI_PBO   0   BOOL   StartingFile_DamonPark
   Constant   No
   External Access: Read/Write
   HMI_PBO - MainProgram/Buffer - 24(XIC)

IL1   0   BOOL   StartingFile_DamonPark
   Indicator Light1
   AliasFor: Local:4:O.Data.3
   Base Tag: Local:4:O.Data.3
   Constant   No
   External Access: Read/Write
   *IL1 - MainProgram/Buffer - *4(OTE)*

IL2   0   BOOL   StartingFile_DamonPark
   Indicator Light2
   AliasFor: Local:4:O.Data.2
   Base Tag: Local:4:O.Data.2
   Constant   No
   External Access: Read/Write
   *IL2 - MainProgram/Buffer - *3(OTE)*

IL3   0   BOOL   StartingFile_DamonPark
   AliasFor: Local:4:O.Data.1
   Base Tag: Local:4:O.Data.1
   Constant   No
   External Access: Read/Write
   *IL3 - MainProgram/Buffer - *2(OTE)*

IL4   0   BOOL   StartingFile_DamonPark
   AliasFor: Local:4:O.Data.0
   Base Tag: Local:4:O.Data.0
   Constant   No
   External Access: Read/Write
   *IL4 - MainProgram/Buffer - *1(OTE)*

ILC   0   BOOL   StartingFile_DamonPark
   AliasFor: Local:4:O.Data.5
   Base Tag: Local:4:O.Data.5
   Constant   No
   External Access: Read/Write
   *ILC - MainProgram/Buffer - *6(OTE)*

ILE5   0   BOOL   StartingFile_DamonPark
   AliasFor: Local:4:O.Data.6
   Base Tag: Local:4:O.Data.6

ILE5 (Continued)
Constant   No
External Access: Read/Write
*ILE5 - MainProgram/Buffer - *7(OTE)*

ILO   0   BOOL   StartingFile_DamonPark
AliasFor: Local:4:O.Data.4
Base Tag: Local:4:O.Data.4
Constant   No
External Access: Read/Write
*ILO - MainProgram/Buffer - *5(OTE)*

ILTS0   0   BOOL   StartingFile_DamonPark
Indicator Light Toggle Switch 0
AliasFor: Local:4:O.Data.14
Base Tag: Local:4:O.Data.14
Constant   No
External Access: Read/Write
*ILTS0 - MainProgram/Buffer - *14(OTE)*

ILTS1   0   BOOL   StartingFile_DamonPark
Indicator Light Toggle SW1
AliasFor: Local:4:O.Data.13
Base Tag: Local:4:O.Data.13
Constant   No
External Access: Read/Write
*ILTS1 - MainProgram/Buffer - *13(OTE)*

ILTS2   0   BOOL   StartingFile_DamonPark
AliasFor: Local:4:O.Data.12
Base Tag: Local:4:O.Data.12
Constant   No
External Access: Read/Write
*ILTS2 - MainProgram/Buffer - *12(OTE)*

Local:2:I   AB:1769_DI16:I:0   StartingFile_DamonPark
Constant   No
External Access: Read/Write
Local:2:I.Data.0   0   BOOL
PB4 - MainProgram/Buffer - 22(XIC)
Local:2:I.Data.1   0   BOOL
PB3 - MainProgram/Buffer - 21(XIC)
Local:2:I.Data.2   0   BOOL
PB2 - MainProgram/Buffer - 20(XIC)
Local:2:I.Data.3   0   BOOL
PB1 - MainProgram/Buffer - 19(XIC)
Local:2:I.Data.4   0   BOOL
PBO - MainProgram/Buffer - 24(XIC)
Local:2:I.Data.5   0   BOOL
PBC - MainProgram/Buffer - 25(XIC)
Local:2:I.Data.6   0   BOOL
PBE5 - MainProgram/Buffer - 23(XIC)
Local:2:I.Data.8   0   BOOL
FPB4 - MainProgram/Buffer - 26(XIC)
Local:2:I.Data.9   0   BOOL
FPB3 - MainProgram/Buffer - 27(XIC)
Local:2:I.Data.10   0   BOOL
FPB2 - MainProgram/Buffer - 28(XIC)
Local:2:I.Data.11   0   BOOL
FPB1 - MainProgram/Buffer - 29(XIC)
Local:2:I.Data.14   0   BOOL
START - MainProgram/Buffer - 17(XIC)
Local:2:I.Data.15   1   BOOL
STOP - MainProgram/Buffer - 18(XIC)

Local:3:I   AB:1769_DI16:I:0   StartingFile_DamonPark
    Constant   No
    External Access: Read/Write
Local:3:I.Data.0   1   BOOL
    FLS1 - MainProgram/Buffer - 30(XIC)
Local:3:I.Data.1   0   BOOL
    FLS2 - MainProgram/Buffer - 31(XIC)
Local:3:I.Data.2   0   BOOL
    FLS3 - MainProgram/Buffer - 32(XIC)
Local:3:I.Data.3   0   BOOL
    FLS4 - MainProgram/Buffer - 33(XIC)
Local:3:I.Data.8   1   BOOL
    DCLS - MainProgram/Buffer - 35(XIC)
Local:3:I.Data.9   0   BOOL
    DOLS - MainProgram/Buffer - 34(XIC)

Local:4:O   AB:1769_DO16:O:0   StartingFile_DamonPark
    Constant   No
    External Access: Read/Write
Local:4:O.Data.0   0   BOOL
    *IL4 - MainProgram/Buffer - *1(OTE)*
Local:4:O.Data.1   0   BOOL
    *IL3 - MainProgram/Buffer - *2(OTE)*
Local:4:O.Data.2   0   BOOL
    *IL2 - MainProgram/Buffer - *3(OTE)*
Local:4:O.Data.3   0   BOOL
    *IL1 - MainProgram/Buffer - *4(OTE)*
Local:4:O.Data.4   0   BOOL
    *ILO - MainProgram/Buffer - *5(OTE)*
Local:4:O.Data.5   0   BOOL
    *ILC - MainProgram/Buffer - *6(OTE)*
Local:4:O.Data.6   0   BOOL
    *ILE5 - MainProgram/Buffer - *7(OTE)*
Local:4:O.Data.8   0   BOOL
    *FIL4 - MainProgram/Buffer - *8(OTE)*
Local:4:O.Data.9   0   BOOL
    *FIL3 - MainProgram/Buffer - *9(OTE)*
Local:4:O.Data.10   0   BOOL
    *FIL2 - MainProgram/Buffer - *10(OTE)*
Local:4:O.Data.11   0   BOOL
    *FIL1 - MainProgram/Buffer - *11(OTE)*
Local:4:O.Data.12   0   BOOL
    *ILTS2 - MainProgram/Buffer - *12(OTE)*
Local:4:O.Data.13   0   BOOL
    *ILTS1 - MainProgram/Buffer - *13(OTE)*
Local:4:O.Data.14   0   BOOL
    *ILTS0 - MainProgram/Buffer - *14(OTE)*

Local:5:O   AB:1769_DO16:O:0   StartingFile_DamonPark
    Constant   No
    External Access: Read/Write
Local:5:O.Data.0   0   BOOL
    *M0 - MainProgram/Buffer - *0(OTE)*
Local:5:O.Data.2   0   BOOL
    *SOL0 - MainProgram/Buffer - *15(OTE)*
Local:5:O.Data.4   0   BOOL
    *CR0 - MainProgram/Buffer - *16(OTE)*

M0   0   BOOL   StartingFile_DamonPark
    AliasFor: Local:5:O.Data.0
    Base Tag: Local:5:O.Data.0
    Constant   No
    External Access: Read/Write
    *M0 - MainProgram/Buffer - *0(OTE)*

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Next_State   0   DINT   StartingFile_DamonPark
Accepted Next Door State of the FSM
Constant   No
External Access: Read/Write
Next_State - MainProgram/MainRoutine - *11(MOV), *12(MOV), *13(MOV), *14(MOV), *15(MOV), *16(MOV), *3(MOV), *4(MOV), *7(MOV), 11(EQU), 12(EQU), 13(EQU), 14(EQU), 15(EQU), 16(EQU), 17(EQU), 18(EQU), 2(MOV), 2(NEQ), 4(EQU), 5(EQU), 6(EQU), 7(EQU)

ONS_F1   0   BOOL   StartingFile_DamonPark
Oneshot for FLS1
Constant   No
External Access: Read/Write
ONS_F1 - MainProgram/Door - *15(OTE), 3(XIC)

ONS_F2   0   BOOL   StartingFile_DamonPark
Oneshot for FLS2
Constant   No
External Access: Read/Write
ONS_F2 - MainProgram/Door - *16(OTE), 3(XIC)

ONS_F3   0   BOOL   StartingFile_DamonPark
Oneshot for FLS3
Constant   No
External Access: Read/Write
ONS_F3 - MainProgram/Door - *17(OTE), 3(XIC)

ONS_F4   0   BOOL   StartingFile_DamonPark
Oneshot for FLS4
Constant   No
External Access: Read/Write
ONS_F4 - MainProgram/Door - *18(OTE), 3(XIC)

ONS1   0   BOOL   StartingFile_DamonPark
Oneshot 1
Constant   No
External Access: Read/Write
ONS1 - MainProgram/Door - *15(ONS)

ONS2   0   BOOL   StartingFile_DamonPark
Oneshot 2
Constant   No
External Access: Read/Write
ONS2 - MainProgram/Door - *16(ONS)

ONS3   0   BOOL   StartingFile_DamonPark
Oneshot 3
Constant   No
External Access: Read/Write
ONS3 - MainProgram/Door - *17(ONS)

ONS4   0   BOOL   StartingFile_DamonPark
Oneshot 4
Constant   No
External Access: Read/Write
ONS4 - MainProgram/Door - *18(ONS)

OPEN_F1   0   BOOL   StartingFile_DamonPark
True when (FPB1 or PB1) and FLS1
Constant   No
External Access: Read/Write
OPEN_F1 - MainProgram/Door - *11(OTE), 3(XIC)

OPEN_F2   0   BOOL   StartingFile_DamonPark
True when (FPB2 or PB2) and FLS2
Constant   No
External Access: Read/Write

OPEN_F2 (Continued)
*OPEN_F2 - MainProgram/Door - *12(OTE), 3(XIC)*

OPEN_F3   0   BOOL   StartingFile_DamonPark
True when (FPB3 or PB3) and FLS3
Constant   No
External Access: Read/Write
*OPEN_F3 - MainProgram/Door - *13(OTE), 3(XIC)*

OPEN_F4   0   BOOL   StartingFile_DamonPark
True when (FPB4 or PB4) and FLS4
Constant   No
External Access: Read/Write
*OPEN_F4 - MainProgram/Door - *14(OTE), 3(XIC)*

PB1   0   BOOL   StartingFile_DamonPark
AliasFor: Local:2:I.Data.3
Base Tag: Local:2:I.Data.3
Constant   No
External Access: Read/Write
PB1 - MainProgram/Buffer - 19(XIC)

PB2   0   BOOL   StartingFile_DamonPark
AliasFor: Local:2:I.Data.2
Base Tag: Local:2:I.Data.2
Constant   No
External Access: Read/Write
PB2 - MainProgram/Buffer - 20(XIC)

PB3   0   BOOL   StartingFile_DamonPark
AliasFor: Local:2:I.Data.1
Base Tag: Local:2:I.Data.1
Constant   No
External Access: Read/Write
PB3 - MainProgram/Buffer - 21(XIC)

PB4   0   BOOL   StartingFile_DamonPark
AliasFor: Local:2:I.Data.0
Base Tag: Local:2:I.Data.0
Constant   No
External Access: Read/Write
PB4 - MainProgram/Buffer - 22(XIC)

PBC   0   BOOL   StartingFile_DamonPark
AliasFor: Local:2:I.Data.5
Base Tag: Local:2:I.Data.5
Constant   No
External Access: Read/Write
PBC - MainProgram/Buffer - 25(XIC)

PBE5   0   BOOL   StartingFile_DamonPark
AliasFor: Local:2:I.Data.6
Base Tag: Local:2:I.Data.6
Constant   No
External Access: Read/Write
PBE5 - MainProgram/Buffer - 23(XIC)

PBO   0   BOOL   StartingFile_DamonPark
AliasFor: Local:2:I.Data.4
Base Tag: Local:2:I.Data.4
Constant   No
External Access: Read/Write
PBO - MainProgram/Buffer - 24(XIC)

Prev_State   90   DINT   StartingFile_DamonPark
Save the previous state that was in motion
Constant   No
External Access: Read/Write
*Prev_State - MainProgram/MainRoutine - *11(MOV), *12(MOV), 15(EQU), 16(EQU)*

SOL0   0   BOOL   StartingFile_DamonPark
AliasFor: Local:5:O.Data.2
Base Tag: Local:5:O.Data.2
Constant   No
External Access: Read/Write
*SOL0 - MainProgram/Buffer - *15(OTE)*

START   0   BOOL   StartingFile_DamonPark
AliasFor: Local:2:I.Data.14
Base Tag: Local:2:I.Data.14
Constant   No
External Access: Read/Write
START - MainProgram/Buffer - 17(XIC)

State_0_DC   0   DINT   StartingFile_DamonPark
Door closed state
Constant   No
External Access: Read/Write
State_0_DC - MainProgram/Door - 0(MOV), 2(MOV), 3(EQU), 4(EQU), 5(EQU), 6(MOV), 8(EQU)

State_0_Idle   0   DINT   StartingFile_DamonPark
Wait until any of floor is called
Constant   No
External Access: Read/Write
State_0_Idle - MainProgram/MainRoutine - 11(EQU), 12(EQU), 14(MOV), 7(EQU)

State_1_DO   1   DINT   StartingFile_DamonPark
Door Opened state
Constant   No
External Access: Read/Write
State_1_DO - MainProgram/Door - 10(EQU), 2(EQU), 3(MOV), 4(EQU), 7(EQU)

State_1_F1   1   DINT   StartingFile_DamonPark
Move the Elevator to first floor once run or pressing START in Emergency
Constant   No
External Access: Read/Write
State_1_F1 - MainProgram/MainRoutine - 14(EQU), 18(EQU), 3(MOV), 4(MOV)

State_90_UPmode   90   DINT   StartingFile_DamonPark
Move the Elevator upward
Constant   No
External Access: Read/Write
State_90_UPmode - MainProgram/MainRoutine - 11(MOV), 13(EQU), 15(EQU), 15(MOV), 17(EQU), 18(EQU), 7(EQU)

State_91_DOWNmode   91   DINT   StartingFile_DamonPark
Move the Elevator downward
Constant   No
External Access: Read/Write
State_91_DOWNmode - MainProgram/MainRoutine - 12(MOV), 13(EQU), 16(EQU), 16(MOV), 18(EQU), 7(EQU)

State_99_Service   99   DINT   StartingFile_DamonPark
Stop the Elevator at the floor and wait for the service
Constant   No
External Access: Read/Write
State_99_Service - MainProgram/MainRoutine - 13(MOV), 14(EQU), 15(EQU), 16(EQU), 7(EQU)

State_100_atFloor   100   DINT   StartingFile_DamonPark
Door open if the elevator is stopped at floor in Emergency

State_100_atFloor (Continued)
    Constant   No
    External Access: Read/Write
    State_100_atFloor - MainProgram/Door - 10(EQU), 4(MOV), 6(EQU)

State_100_Emergency   100   DINT   StartingFile_DamonPark
    Stop the operation of the elevator
    Constant   No
    External Access: Read/Write
    State_100_Emergency - MainProgram/MainRoutine - 4(EQU), 5(EQU), 6(EQU), 7(MOV)

State_1000_btwFloor   1000   DINT   StartingFile_DamonPark
    Leave the door closed if the elevator is stopped in between floors in Emergency
    Constant   No
    External Access: Read/Write
    State_1000_btwFloor - MainProgram/Door - 5(MOV), 6(EQU)

STOP   1   BOOL   StartingFile_DamonPark
    AliasFor: Local:2:I.Data.15
    Base Tag: Local:2:I.Data.15
    Constant   No
    External Access: Read/Write
    STOP - MainProgram/Buffer - 18(XIC)

Upmode   0   DINT   StartingFile_DamonPark
    Saves the floor if the called floor is higher than current floor
    Constant   No
    External Access: Read/Write
    Upmode - MainProgram/MainRoutine - 11(GRT), 11(NEQ), 14(EQU), 15(GRT)
    *Upmode - MainProgram/Multicall - *0(MOV), *1(MOV), *2(MOV), *3(MOV)*

V_CR0   0   BOOL   StartingFile_DamonPark
    Virtual Control Relay 0
    Constant   No
    External Access: Read/Write
    V_CR0 - MainProgram/Buffer - 16(XIC)
    *V_CR0 - MainProgram/MainRoutine - *17(OTE)*

V_DCLS   1   BOOL   StartingFile_DamonPark
    Virtual Door Close Limit Switch
    Constant   No
    External Access: Read/Write
    *V_DCLS - MainProgram/Buffer - *35(OTE)*
    V_DCLS - MainProgram/Door - 3(XIC)
    V_DCLS - MainProgram/MainRoutine - 11(XIC), 12(XIC)

V_DOLS   0   BOOL   StartingFile_DamonPark
    Virtual Door Open Limit Switch
    Constant   No
    External Access: Read/Write
    *V_DOLS - MainProgram/Buffer - *34(OTE)*
    V_DOLS - MainProgram/Door - 2(XIC), 7(XIC)
    V_DOLS - MainProgram/Floorcall - 10(XIO), 11(XIO), 4(XIO), 5(XIO), 6(XIO), 7(XIO), 8(XIO), 9(XIO)
    V_DOLS - MainProgram/MainRoutine - 11(XIO), 12(XIO), 13(XIC)

V_FIL1   0   BOOL   StartingFile_DamonPark
    Virtual Floor Indicator Light 1
    Constant   No
    External Access: Read/Write
    V_FIL1 - MainProgram/Buffer - 11(XIC)
    *V_FIL1 - MainProgram/Floorcall - *4(OTE), 4(XIC)*
    V_FIL1 - MainProgram/MainRoutine - 13(XIC)
    V_FIL1 - MainProgram/Multicall - 6(XIC)

V_FIL2   0   BOOL   StartingFile_DamonPark
Virtual Floor Indicator Light 2
Constant   No
External Access: Read/Write
V_FIL2 - MainProgram/Buffer - 10(XIC)
*V_FIL2 - MainProgram/Floorcall - *5(OTE), 5(XIC)*
V_FIL2 - MainProgram/MainRoutine - 13(XIC)
V_FIL2 - MainProgram/Multicall - 1(XIC), 5(XIC)

V_FIL3   0   BOOL   StartingFile_DamonPark
Virtual Floor Indicator Light 3
Constant   No
External Access: Read/Write
V_FIL3 - MainProgram/Buffer - 9(XIC)
*V_FIL3 - MainProgram/Floorcall - *6(OTE), 6(XIC)*
V_FIL3 - MainProgram/MainRoutine - 13(XIC)
V_FIL3 - MainProgram/Multicall - 2(XIC), 4(XIC)

V_FIL4   0   BOOL   StartingFile_DamonPark
Virtual Floor Indicator Light 4
Constant   No
External Access: Read/Write
V_FIL4 - MainProgram/Buffer - 8(XIC)
*V_FIL4 - MainProgram/Floorcall - *7(OTE), 7(XIC)*
V_FIL4 - MainProgram/MainRoutine - 13(XIC)
V_FIL4 - MainProgram/Multicall - 3(XIC)

V_FLS1   1   BOOL   StartingFile_DamonPark
Virtual Floor Limit Switch 1
Constant   No
External Access: Read/Write
*V_FLS1 - MainProgram/Buffer - *30(OTE)*
V_FLS1 - MainProgram/Door - 11(XIC), 15(XIC), 4(XIC)
V_FLS1 - MainProgram/Floorcall - 0(XIC), 4(XIO), 8(XIO)
V_FLS1 - MainProgram/MainRoutine - 11(XIC), 13(XIC), 14(XIC), 16(XIO)

V_FLS2   0   BOOL   StartingFile_DamonPark
Virtual Floor Limit Switch 2
Constant   No
External Access: Read/Write
*V_FLS2 - MainProgram/Buffer - *31(OTE)*
V_FLS2 - MainProgram/Door - 12(XIC), 16(XIC), 4(XIC)
V_FLS2 - MainProgram/Floorcall - 1(XIC), 5(XIO), 9(XIO)
V_FLS2 - MainProgram/MainRoutine - 13(XIC)

V_FLS3   0   BOOL   StartingFile_DamonPark
Virtual Floor Limit Switch 3
Constant   No
External Access: Read/Write
*V_FLS3 - MainProgram/Buffer - *32(OTE)*
V_FLS3 - MainProgram/Door - 13(XIC), 17(XIC), 4(XIC)
V_FLS3 - MainProgram/Floorcall - 10(XIO), 2(XIC), 6(XIO)
V_FLS3 - MainProgram/MainRoutine - 13(XIC)

V_FLS4   0   BOOL   StartingFile_DamonPark
Virtual Floor Limit Switch 4
Constant   No
External Access: Read/Write
*V_FLS4 - MainProgram/Buffer - *33(OTE)*
V_FLS4 - MainProgram/Door - 14(XIC), 18(XIC), 4(XIC)
V_FLS4 - MainProgram/Floorcall - 11(XIO), 3(XIC), 7(XIO)
V_FLS4 - MainProgram/MainRoutine - 12(XIC), 13(XIC), 15(XIO)

V_FPB1   0   BOOL   StartingFile_DamonPark

V_FPB1 (Continued)
Virtual Floor Pushbutton 1
Constant   No
External Access: Read/Write
*V_FPB1 - MainProgram/Buffer - *29(OTE)*
V_FPB1 - MainProgram/Door - 11(XIC)
V_FPB1 - MainProgram/Floorcall - 4(XIC)

V_FPB2   0   BOOL   StartingFile_DamonPark
Virtual Floor Pushbutton 2
Constant   No
External Access: Read/Write
*V_FPB2 - MainProgram/Buffer - *28(OTE)*
V_FPB2 - MainProgram/Door - 12(XIC)
V_FPB2 - MainProgram/Floorcall - 5(XIC)

V_FPB3   0   BOOL   StartingFile_DamonPark
Virtual Floor Pushbutton 3
Constant   No
External Access: Read/Write
*V_FPB3 - MainProgram/Buffer - *27(OTE)*
V_FPB3 - MainProgram/Door - 13(XIC)
V_FPB3 - MainProgram/Floorcall - 6(XIC)

V_FPB4   0   BOOL   StartingFile_DamonPark
Virtual Floor Pushbutton 4
Constant   No
External Access: Read/Write
*V_FPB4 - MainProgram/Buffer - *26(OTE)*
V_FPB4 - MainProgram/Door - 14(XIC)
V_FPB4 - MainProgram/Floorcall - 7(XIC)

V_IL1   0   BOOL   StartingFile_DamonPark
Virtual Indicator Light 1
Constant   No
External Access: Read/Write
V_IL1 - MainProgram/Buffer - 4(XIC)
*V_IL1 - MainProgram/Floorcall - *8(OTE), 8(XIC)*
V_IL1 - MainProgram/MainRoutine - 13(XIC)
V_IL1 - MainProgram/Multicall - 6(XIC)

V_IL2   0   BOOL   StartingFile_DamonPark
Virtual Indicator Light 2
Constant   No
External Access: Read/Write
V_IL2 - MainProgram/Buffer - 3(XIC)
*V_IL2 - MainProgram/Floorcall - *9(OTE), 9(XIC)*
V_IL2 - MainProgram/MainRoutine - 13(XIC)
V_IL2 - MainProgram/Multicall - 1(XIC), 5(XIC)

V_IL3   0   BOOL   StartingFile_DamonPark
Virtual Indicator Light 3
Constant   No
External Access: Read/Write
V_IL3 - MainProgram/Buffer - 2(XIC)
*V_IL3 - MainProgram/Floorcall - *10(OTE), 10(XIC)*
V_IL3 - MainProgram/MainRoutine - 13(XIC)
V_IL3 - MainProgram/Multicall - 2(XIC), 4(XIC)

V_IL4   0   BOOL   StartingFile_DamonPark
Virtual Indicator Light 4
Constant   No
External Access: Read/Write
V_IL4 - MainProgram/Buffer - 1(XIC)

V_IL4 (Continued)
V_IL4 - MainProgram/Floorcall - *11(OTE), 11(XIC)
V_IL4 - MainProgram/MainRoutine - 13(XIC)
V_IL4 - MainProgram/Multicall - 3(XIC)

V_ILC   0   BOOL   StartingFile_DamonPark
Virtual Indicator Light Close
Constant   No
External Access: Read/Write
V_ILC - MainProgram/Buffer - 6(XIC)

V_ILE5   0   BOOL   StartingFile_DamonPark
Virtual Indicator Light Emergency 5
Constant   No
External Access: Read/Write
V_ILE5 - MainProgram/Buffer - 7(XIC)
V_ILE5 - MainProgram/Floorcall - 10(XIO), 11(XIO), 4(XIO), 5(XIO), 6(XIO), 7(XIO), 8(XIO), 9(XIO)
V_ILE5 - MainProgram/MainRoutine - *6(OTE)

V_ILO   0   BOOL   StartingFile_DamonPark
Virtual Indicator Light Open
Constant   No
External Access: Read/Write
V_ILO - MainProgram/Buffer - 5(XIC)

V_ILTS0   0   BOOL   StartingFile_DamonPark
Vitual Indicator Light Toggle Switch 0
Constant   No
External Access: Read/Write
V_ILTS0 - MainProgram/Buffer - 14(XIC)

V_ILTS1   0   BOOL   StartingFile_DamonPark
Virtual Indicator Light Toggle Switch 1
Constant   No
External Access: Read/Write
V_ILTS1 - MainProgram/Buffer - 13(XIC)

V_ILTS2   0   BOOL   StartingFile_DamonPark
Virtual Indicator Light Toggle Switch 2
Constant   No
External Access: Read/Write
V_ILTS2 - MainProgram/Buffer - 12(XIC)

V_M0   0   BOOL   StartingFile_DamonPark
Virtual Motor 0
Constant   No
External Access: Read/Write
V_M0 - MainProgram/Buffer - 0(XIC)
V_M0 - MainProgram/Door - 3(XIO)
V_M0 - MainProgram/MainRoutine - *18(OTE)

V_PB1   0   BOOL   StartingFile_DamonPark
Virtual Pushbutton 1
Constant   No
External Access: Read/Write
V_PB1 - MainProgram/Buffer - *19(OTE)
V_PB1 - MainProgram/Door - 11(XIC)
V_PB1 - MainProgram/Floorcall - 8(XIC)

V_PB2   0   BOOL   StartingFile_DamonPark
Virtual Pushbutton 2
Constant   No
External Access: Read/Write
V_PB2 - MainProgram/Buffer - *20(OTE)

V_PB2 (Continued)
V_PB2 - MainProgram/Door - 12(XIC)
V_PB2 - MainProgram/Floorcall - 9(XIC)

V_PB3 0 BOOL StartingFile_DamonPark
Virtual Pushbutton 3
Constant No
External Access: Read/Write
*V_PB3 - MainProgram/Buffer - *21(OTE)*
V_PB3 - MainProgram/Door - 13(XIC)
V_PB3 - MainProgram/Floorcall - 10(XIC)

V_PB4 0 BOOL StartingFile_DamonPark
Virtual Pushbutton 4
Constant No
External Access: Read/Write
*V_PB4 - MainProgram/Buffer - *22(OTE)*
V_PB4 - MainProgram/Door - 14(XIC)
V_PB4 - MainProgram/Floorcall - 11(XIC)

V_PBC 0 BOOL StartingFile_DamonPark
Virtual Pushbutton Close
Constant No
External Access: Read/Write
*V_PBC - MainProgram/Buffer - *25(OTE)*
V_PBC - MainProgram/Door - 2(XIC)

V_PBE5 0 BOOL StartingFile_DamonPark
Virtual Pushbutton Emergency 5
Constant No
External Access: Read/Write
*V_PBE5 - MainProgram/Buffer - *23(OTE)*
V_PBE5 - MainProgram/Door - 4(XIC), 5(XIC)
V_PBE5 - MainProgram/Floorcall - 10(XIO), 11(XIO), 4(XIO), 5(XIO), 6(XIO), 7(XIO), 8(XIO), 9(XIO)
V_PBE5 - MainProgram/MainRoutine - 7(XIC)

V_PBO 0 BOOL StartingFile_DamonPark
Virtual Pushbutton Open
Constant No
External Access: Read/Write
*V_PBO - MainProgram/Buffer - *24(OTE)*
V_PBO - MainProgram/Door - 9(XIC)

V_SOL0 0 BOOL StartingFile_DamonPark
Virtual Solenoid 0
Constant No
External Access: Read/Write
V_SOL0 - MainProgram/Buffer - 15(XIC)
*V_SOL0 - MainProgram/Door - *10(OTE)*

V_START 0 BOOL StartingFile_DamonPark
Virtual Start Button (N.O.)
Constant No
External Access: Read/Write
*V_START - MainProgram/Buffer - *17(OTE)*
V_START - MainProgram/Door - 6(XIC)
V_START - MainProgram/MainRoutine - 4(XIC)

V_STOP 1 BOOL StartingFile_DamonPark
Virtual Stop Button (N.C.)
Constant No
External Access: Read/Write
*V_STOP - MainProgram/Buffer - *18(OTE)*