

- Controller Thermal_Target_System_v2
- Controller Fault Handler
- Power-Up Handler

Tasks

- MainTask
 - MainProgram
 - MainRoutine
 - MODE_01
 - MODE_02
 - MODE_03
 - MODE_04
 - MODE_05
 - MODE_06
 - MODE_07
 - MODE_08
 - OUTPUTS
 - POWER_SUPPLY_ENABLE_CONTROL
 - TIMER_PRESETS
- Unscheduled

Motion Groups

- Ungrouped Axes

Add-On Instructions

Data Types

- User-Defined
- Strings
- Add-On-Defined
- Module-Defined
 - AB:1769_DI16:I:0
 - AB:1769_DO16:C:0
 - AB:1769_DO16:I:0
 - AB:1769_DO16:O:0
 - AB:1769_IQ16F:C:0
 - AB:Embedded_DiscreteIO1:C:0
 - AB:Embedded_DiscreteIO1:I:0
 - AB:Embedded_DiscreteIO1:O:0

Trends

I/O Configuration

- 1769 Bus
 - [0] 1769-L24ER-QB1B Thermal_Target_System_v2
 - [1] Embedded Discrete_IO

 [2] 1769-IQ16F/A SLOT_02_INPUTS

 [3] 1769-OB16/B SLOT_03_OUTPUTS

 Ethernet

 1769-L24ER-QB1B Thermal_Target_System_v2

Thermal_Target_System_v2 - Tag Listing		Page 3	
Thermal_Target_System_v2 (Controller)		23/02/2026 11:20:06	
		C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD	
Name	Value	Data Type	Scope
 DISABLE_02	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>DISABLE_02 - MainProgram/MainRoutine - 37(XIC)</i>			
 FIRST_SCAN	1	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>FIRST_SCAN - MainProgram/MainRoutine - *0(OTL)</i>			
 I1_00	0	BOOL	Thermal_Target_System_v2
ROTARY MODE SELECT SWITCH BCD[1] SW01			
AliasFor:	Local:1:I.Data.0		
Base Tag:	Local:1:I.Data.0		
Constant	No		
External Access:	Read/Write		
<i>I1_00 - MainProgram/MainRoutine - 10(XIO), 11(XIC), 12(XIO), 13(XIC), 2(XIO), 3(XIC), 4(XIO), 5(XIC), 6(XIO), 7(XIC), 8(XIO), 9(XIC)</i>			
<i>Local:1:I.Data - MainProgram/MainRoutine - 35(MVM), 36(MVM)</i>			
 I1_01	0	BOOL	Thermal_Target_System_v2
ROTARY MODE SELECT SWITCH BCD[2] SW01			
AliasFor:	Local:1:I.Data.1		
Base Tag:	Local:1:I.Data.1		
Constant	No		
External Access:	Read/Write		
<i>I1_01 - MainProgram/MainRoutine - 10(XIO), 11(XIO), 12(XIC), 13(XIC), 2(XIO), 3(XIO), 4(XIC), 5(XIC), 6(XIO), 7(XIO), 8(XIC), 9(XIC)</i>			
<i>Local:1:I.Data - MainProgram/MainRoutine - 35(MVM), 36(MVM)</i>			
 I1_02	0	BOOL	Thermal_Target_System_v2
ROTARY MODE SELECT SWITCH BCD[4] SW01			
AliasFor:	Local:1:I.Data.2		
Base Tag:	Local:1:I.Data.2		
Constant	No		
External Access:	Read/Write		
<i>I1_02 - MainProgram/MainRoutine - 10(XIO), 11(XIO), 12(XIO), 13(XIO), 2(XIO), 3(XIO), 4(XIO), 5(XIO), 6(XIC), 7(XIC), 8(XIC), 9(XIC)</i>			
<i>Local:1:I.Data - MainProgram/MainRoutine - 35(MVM), 36(MVM)</i>			
 I1_03	0	BOOL	Thermal_Target_System_v2
ROTARY MODE SELECT SWITCH BCD[8] SW01			
AliasFor:	Local:1:I.Data.3		
Base Tag:	Local:1:I.Data.3		
Constant	No		
External Access:	Read/Write		
<i>I1_03 - MainProgram/MainRoutine - 10(XIC), 11(XIC), 12(XIC), 13(XIC), 2(XIO), 3(XIO), 4(XIO), 5(XIO), 6(XIO), 7(XIO), 8(XIO), 9(XIO)</i>			
<i>Local:1:I.Data - MainProgram/MainRoutine - 35(MVM), 36(MVM)</i>			
Logix Designer			

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

23/02/2026 11:20:06

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

Page 4

I1_04

0

BOOL

Thermal_Target_System_v2

ROTARY TIME SELECT SWITCH BCD[1] SW02

AliasFor:Local:1:I.Data.4

Base Tag:Local:1:I.Data.4

ConstantNo

External Access:Read/Write

I1_04 - MainProgram/MainRoutine - 14(XIO), 15(XIC), 16(XIO), 17(XIC), 18(XIO), 19(XIC), 20(XIO), 21(XIC), 22(XIO), 23(XIC), 24(XIO), 25(XIC)

Local:1:I.Data - MainProgram/MainRoutine - 35(MVM), 36(MVM)

I1_05

0

BOOL

Thermal_Target_System_v2

ROTARY TIME SELECT SWITCH BCD[2] SW02

AliasFor:Local:1:I.Data.5

Base Tag:Local:1:I.Data.5

ConstantNo

External Access:Read/Write

I1_05 - MainProgram/MainRoutine - 14(XIO), 15(XIO), 16(XIC), 17(XIC), 18(XIO), 19(XIO), 20(XIC), 21(XIC), 22(XIO), 23(XIO), 24(XIC), 25(XIC)

Local:1:I.Data - MainProgram/MainRoutine - 35(MVM), 36(MVM)

I1_06

0

BOOL

Thermal_Target_System_v2

ROTARY TIME SELECT SWITCH BCD[4] SW02

AliasFor:Local:1:I.Data.6

Base Tag:Local:1:I.Data.6

ConstantNo

External Access:Read/Write

I1_06 - MainProgram/MainRoutine - 14(XIO), 15(XIO), 16(XIO), 17(XIO), 18(XIC), 19(XIC), 20(XIC), 21(XIC), 22(XIO), 23(XIO), 24(XIO), 25(XIO)

Local:1:I.Data - MainProgram/MainRoutine - 35(MVM), 36(MVM)

I1_07

0

BOOL

Thermal_Target_System_v2

ROTARY TIME SELECT SWITCH BCD[8] SW02

AliasFor:Local:1:I.Data.7

Base Tag:Local:1:I.Data.7

ConstantNo

External Access:Read/Write

I1_07 - MainProgram/MainRoutine - 14(XIO), 15(XIO), 16(XIO), 17(XIO), 18(XIO), 19(XIO), 20(XIO), 21(XIO), 22(XIC), 23(XIC), 24(XIC), 25(XIC)

Local:1:I.Data - MainProgram/MainRoutine - 35(MVM), 36(MVM)

I1_08

1

BOOL

Thermal_Target_System_v2

THERMAL ENABLE SELECT SWITCH SW03

AliasFor:Local:1:I.Data.8

Base Tag:Local:1:I.Data.8

ConstantNo

External Access:Read/Write

I1_08 - MainProgram/MainRoutine - 50(XIC), 51(XIC)

I1_08 - MainProgram/MODE_01 - 11(XIO), 12(XIC)

I1_08 - MainProgram/MODE_02 - 11(XIO), 12(XIC)

I1_08 - MainProgram/MODE_03 - 11(XIO), 12(XIC)

Logix Designer

I1_08 (Continued)				
I1_08 - MainProgram/MODE_04 - 11(XIO), 12(XIC)				
I1_08 - MainProgram/MODE_05 - 11(XIO), 12(XIC)				
I1_08 - MainProgram/MODE_06 - 11(XIO), 12(XIC)				
I1_08 - MainProgram/MODE_07 - 11(XIO), 12(XIC)				
I1_08 - MainProgram/MODE_08 - 11(XIO), 12(XIC)				
Local:1:I.Data - MainProgram/MainRoutine - 35(MVM), 36(MVM)				
I1_09	0	BOOL	Thermal_Target_System_v2	
SPARE				
AliasFor:		Local:1:I.Data.9		
Base Tag:		Local:1:I.Data.9		
Constant		No		
External Access:		Read/Write		
Local:1:I.Data - MainProgram/MainRoutine - 35(MVM), 36(MVM)				
I1_10	0	BOOL	Thermal_Target_System_v2	
SPARE				
AliasFor:		Local:1:I.Data.10		
Base Tag:		Local:1:I.Data.10		
Constant		No		
External Access:		Read/Write		
Local:1:I.Data - MainProgram/MainRoutine - 35(MVM), 36(MVM)				
I1_11	0	BOOL	Thermal_Target_System_v2	
SPARE				
AliasFor:		Local:1:I.Data.11		
Base Tag:		Local:1:I.Data.11		
Constant		No		
External Access:		Read/Write		
Local:1:I.Data - MainProgram/MainRoutine - 35(MVM), 36(MVM)				
I1_12	0	BOOL	Thermal_Target_System_v2	
SPARE				
AliasFor:		Local:1:I.Data.12		
Base Tag:		Local:1:I.Data.12		
Constant		No		
External Access:		Read/Write		
Local:1:I.Data - MainProgram/MainRoutine - 35(MVM), 36(MVM)				
I1_13	0	BOOL	Thermal_Target_System_v2	
SPARE				
AliasFor:		Local:1:I.Data.13		
Base Tag:		Local:1:I.Data.13		
Constant		No		
External Access:		Read/Write		

I1_13 (Continued)				
Local:1:I.Data - MainProgram/MainRoutine - 35(MVM), 36(MVM)				
I1_14	0	BOOL		Thermal_Target_System_v2
SPARE				
AliasFor:	Local:1:I.Data.14			
Base Tag:	Local:1:I.Data.14			
Constant	No			
External Access:	Read/Write			
Local:1:I.Data - MainProgram/MainRoutine - 35(MVM), 36(MVM)				
I1_15	0	BOOL		Thermal_Target_System_v2
SPARE				
AliasFor:	Local:1:I.Data.15			
Base Tag:	Local:1:I.Data.15			
Constant	No			
External Access:	Read/Write			
Local:1:I.Data - MainProgram/MainRoutine - 35(MVM), 36(MVM)				
I2_00	0	BOOL		Thermal_Target_System_v2
B1 THERM ENABLED (CR7)				
AliasFor:	Local:2:I.Data.0			
Base Tag:	Local:2:I.Data.0			
Constant	No			
External Access:	Read/Write			
I2_00 - MainProgram/MainRoutine - 50(XIC), 50(XIC), 50(XIC), 50(XIC), 51(XIO), 51(XIO), 51(XIO), 51(XIO)				
I2_01	0	BOOL		Thermal_Target_System_v2
B2 THERM ENABLED (CR8)				
AliasFor:	Local:2:I.Data.1			
Base Tag:	Local:2:I.Data.1			
Constant	No			
External Access:	Read/Write			
I2_01 - MainProgram/MainRoutine - 50(XIC), 50(XIC), 51(XIO), 51(XIO)				
I2_02	0	BOOL		Thermal_Target_System_v2
B3 THERM ENABLED (CR9)				
AliasFor:	Local:2:I.Data.2			
Base Tag:	Local:2:I.Data.2			
Constant	No			
External Access:	Read/Write			
I2_02 - MainProgram/MainRoutine - 50(XIC), 50(XIC), 51(XIO), 51(XIO)				
I2_03	0	BOOL		Thermal_Target_System_v2
B4 THERM ENABLED (CR10)				
AliasFor:	Local:2:I.Data.3			

	I2_03 (Continued)			
	Base Tag:	Local:2:I.Data.3		
	Constant	No		
	External Access:	Read/Write		
	<i>I2_03 - MainProgram/MainRoutine - 50(XIC), 51(XIO)</i>			
	I2_04	0	BOOL	Thermal_Target_System_v2
	D1 THERM ENABLED (CR11)			
	AliasFor:	Local:2:I.Data.4		
	Base Tag:	Local:2:I.Data.4		
	Constant	No		
	External Access:	Read/Write		
	<i>I2_04 - MainProgram/MainRoutine - 50(XIC), 50(XIC), 50(XIC), 50(XIC), 51(XIO), 51(XIO), 51(XIO), 51(XIO)</i>			
	I2_05	0	BOOL	Thermal_Target_System_v2
	D2 THERM ENABLED (CR12)			
	AliasFor:	Local:2:I.Data.5		
	Base Tag:	Local:2:I.Data.5		
	Constant	No		
	External Access:	Read/Write		
	<i>I2_05 - MainProgram/MainRoutine - 50(XIC), 50(XIC), 51(XIO), 51(XIO)</i>			
	I2_06	0	BOOL	Thermal_Target_System_v2
	D3 THERM ENABLED (CR13)			
	AliasFor:	Local:2:I.Data.6		
	Base Tag:	Local:2:I.Data.6		
	Constant	No		
	External Access:	Read/Write		
	<i>I2_06 - MainProgram/MainRoutine - 50(XIC), 50(XIC), 51(XIO), 51(XIO)</i>			
	I2_07	0	BOOL	Thermal_Target_System_v2
	D4 THERM ENABLED (CR14)			
	AliasFor:	Local:2:I.Data.7		
	Base Tag:	Local:2:I.Data.7		
	Constant	No		
	External Access:	Read/Write		
	<i>I2_07 - MainProgram/MainRoutine - 50(XIC), 51(XIO)</i>			
	I2_08	1	BOOL	Thermal_Target_System_v2
	B1 +12V CIRCUIT HEALTHY (CR7)			
	AliasFor:	Local:2:I.Data.8		
	Base Tag:	Local:2:I.Data.8		
	Constant	No		
	External Access:	Read/Write		
	<i>I2_08 - MainProgram/MainRoutine - 48(XIC)</i>			

Thermal_Target_System_v2 - Tag Listing			Page 8	
Thermal_Target_System_v2 (Controller)			23/02/2026 11:20:06	
			C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD	
	I2_09	1	BOOL	Thermal_Target_System_v2
	B2+12V CIRCUIT HEALTHY (CR8)			
	AliasFor:	Local:2:I.Data.9		
	Base Tag:	Local:2:I.Data.9		
	Constant	No		
	External Access:	Read/Write		
<i>I2_09 - MainProgram/MainRoutine - 48(XIC)</i>				
	I2_10	1	BOOL	Thermal_Target_System_v2
	B3 +12V CIRCUIT HEALTHY (CR9)			
	AliasFor:	Local:2:I.Data.10		
	Base Tag:	Local:2:I.Data.10		
	Constant	No		
	External Access:	Read/Write		
<i>I2_10 - MainProgram/MainRoutine - 48(XIC)</i>				
	I2_11	1	BOOL	Thermal_Target_System_v2
	B4 +12V CIRCUIT HEALTHY (CR10)			
	AliasFor:	Local:2:I.Data.11		
	Base Tag:	Local:2:I.Data.11		
	Constant	No		
	External Access:	Read/Write		
<i>I2_11 - MainProgram/MainRoutine - 48(XIC)</i>				
	I2_12	1	BOOL	Thermal_Target_System_v2
	D1 +12V CIRCUIT HEALTHY (CR11)			
	AliasFor:	Local:2:I.Data.12		
	Base Tag:	Local:2:I.Data.12		
	Constant	No		
	External Access:	Read/Write		
<i>I2_12 - MainProgram/MainRoutine - 48(XIC)</i>				
	I2_13	1	BOOL	Thermal_Target_System_v2
	D2 +12V CIRCUIT HEALTHY (CR12)			
	AliasFor:	Local:2:I.Data.13		
	Base Tag:	Local:2:I.Data.13		
	Constant	No		
	External Access:	Read/Write		
<i>I2_13 - MainProgram/MainRoutine - 48(XIC)</i>				
	I2_14	1	BOOL	Thermal_Target_System_v2
	D3 +12V CIRCUIT HEALTHY (CR13)			
	AliasFor:	Local:2:I.Data.14		
	Base Tag:	Local:2:I.Data.14		
	Constant	No		
	External Access:	Read/Write		
Logix Designer				

I2_14 (Continued)			
<i>I2_14 - MainProgram/MainRoutine - 48(XIC)</i>			
 I2_15	1	BOOL	Thermal_Target_System_v2
D4 +12V CIRCUIT HEALTHY (CR14)			
AliasFor:	Local:2:I.Data.15		
Base Tag:	Local:2:I.Data.15		
Constant	No		
External Access:	Read/Write		
<i>I2_15 - MainProgram/MainRoutine - 48(XIC)</i>			
 Local:1:I		AB:Embedded_DiscreteIO1:I:0	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
Local:1:I.Data	2#0000_0001_0000_0000	INT	
<i>Local:1:I.Data - MainProgram/MainRoutine - 35(MVM), 36(MVM)</i>			
Local:1:I.Data.0	0	BOOL	
<i>I1_00 - MainProgram/MainRoutine - 10(XIO), 11(XIC), 12(XIO), 13(XIC), 2(XIO), 3(XIC), 4(XIO), 5(XIC), 6(XIO), 7(XIC), 8(XIO), 9(XIC)</i>			
Local:1:I.Data.1	0	BOOL	
<i>I1_01 - MainProgram/MainRoutine - 10(XIO), 11(XIO), 12(XIC), 13(XIC), 2(XIO), 3(XIO), 4(XIC), 5(XIC), 6(XIO), 7(XIO), 8(XIC), 9(XIC)</i>			
Local:1:I.Data.2	0	BOOL	
<i>I1_02 - MainProgram/MainRoutine - 10(XIO), 11(XIO), 12(XIO), 13(XIO), 2(XIO), 3(XIO), 4(XIO), 5(XIO), 6(XIC), 7(XIC), 8(XIC), 9(XIC)</i>			
Local:1:I.Data.3	0	BOOL	
<i>I1_03 - MainProgram/MainRoutine - 10(XIC), 11(XIC), 12(XIC), 13(XIC), 2(XIO), 3(XIO), 4(XIO), 5(XIO), 6(XIO), 7(XIO), 8(XIO), 9(XIO)</i>			
Local:1:I.Data.4	0	BOOL	
<i>I1_04 - MainProgram/MainRoutine - 14(XIO), 15(XIC), 16(XIO), 17(XIC), 18(XIO), 19(XIC), 20(XIO), 21(XIC), 22(XIO), 23(XIC), 24(XIO), 25(XIC)</i>			
Local:1:I.Data.5	0	BOOL	
<i>I1_05 - MainProgram/MainRoutine - 14(XIO), 15(XIO), 16(XIC), 17(XIC), 18(XIO), 19(XIO), 20(XIC), 21(XIC), 22(XIO), 23(XIO), 24(XIC), 25(XIC)</i>			
Local:1:I.Data.6	0	BOOL	
<i>I1_06 - MainProgram/MainRoutine - 14(XIO), 15(XIO), 16(XIO), 17(XIO), 18(XIC), 19(XIC), 20(XIC), 21(XIC), 22(XIO), 23(XIO), 24(XIO), 25(XIO)</i>			
Local:1:I.Data.7	0	BOOL	
<i>I1_07 - MainProgram/MainRoutine - 14(XIO), 15(XIO), 16(XIO), 17(XIO), 18(XIO), 19(XIO), 20(XIO), 21(XIO), 22(XIC), 23(XIC), 24(XIC), 25(XIC)</i>			
Local:1:I.Data.8	1	BOOL	
<i>I1_08 - MainProgram/MainRoutine - 50(XIC), 51(XIC)</i>			
<i>I1_08 - MainProgram/MODE_01 - 11(XIO), 12(XIC)</i>			
<i>I1_08 - MainProgram/MODE_02 - 11(XIO), 12(XIC)</i>			
<i>I1_08 - MainProgram/MODE_03 - 11(XIO), 12(XIC)</i>			
<i>I1_08 - MainProgram/MODE_04 - 11(XIO), 12(XIC)</i>			
<i>I1_08 - MainProgram/MODE_05 - 11(XIO), 12(XIC)</i>			
<i>I1_08 - MainProgram/MODE_06 - 11(XIO), 12(XIC)</i>			
<i>I1_08 - MainProgram/MODE_07 - 11(XIO), 12(XIC)</i>			
<i>I1_08 - MainProgram/MODE_08 - 11(XIO), 12(XIC)</i>			
 Local:1:O		AB:Embedded_DiscreteIO1:O:0	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		

Local:2:I	No	AB:1769_DI16:I:0	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
Local:2:I.Data.0	0	BOOL	
<i>I2_00 - MainProgram/MainRoutine - 50(XIC), 50(XIC), 50(XIC), 50(XIC), 51(XIO), 51(XIO), 51(XIO), 51(XIO)</i>			
Local:2:I.Data.1	0	BOOL	
<i>I2_01 - MainProgram/MainRoutine - 50(XIC), 50(XIC), 51(XIO), 51(XIO)</i>			
Local:2:I.Data.2	0	BOOL	
<i>I2_02 - MainProgram/MainRoutine - 50(XIC), 50(XIC), 51(XIO), 51(XIO)</i>			
Local:2:I.Data.3	0	BOOL	

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

Page 11

23/02/2026 11:20:07

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

Local:2:I (Continued)

I2_03 - MainProgram/MainRoutine - 50(XIC), 51(XIO)

Local:2:I.Data.40BOOL

I2_04 - MainProgram/MainRoutine - 50(XIC), 50(XIC), 50(XIC), 50(XIC), 51(XIO), 51(XIO), 51(XIO), 51(XIO)

Local:2:I.Data.50BOOL

I2_05 - MainProgram/MainRoutine - 50(XIC), 50(XIC), 51(XIO), 51(XIO)

Local:2:I.Data.60BOOL

I2_06 - MainProgram/MainRoutine - 50(XIC), 50(XIC), 51(XIO), 51(XIO)

Local:2:I.Data.70BOOL

I2_07 - MainProgram/MainRoutine - 50(XIC), 51(XIO)

Local:2:I.Data.81BOOL

I2_08 - MainProgram/MainRoutine - 48(XIC)

Local:2:I.Data.91BOOL

I2_09 - MainProgram/MainRoutine - 48(XIC)

Local:2:I.Data.101BOOL

I2_10 - MainProgram/MainRoutine - 48(XIC)

Local:2:I.Data.111BOOL

I2_11 - MainProgram/MainRoutine - 48(XIC)

Local:2:I.Data.121BOOL

I2_12 - MainProgram/MainRoutine - 48(XIC)

Local:2:I.Data.131BOOL

I2_13 - MainProgram/MainRoutine - 48(XIC)

Local:2:I.Data.141BOOL

I2_14 - MainProgram/MainRoutine - 48(XIC)

Local:2:I.Data.151BOOL

I2_15 - MainProgram/MainRoutine - 48(XIC)

Local:3:O

ConstantNo

External Access:Read/Write

Local:3:O.Data.00BOOL

O3_00 - MainProgram/MainRoutine - *46(OTE)

Local:3:O.Data.10BOOL

O3_01 - MainProgram/MainRoutine - *47(OTE)

Local:3:O.Data.20BOOL

O3_02 - MainProgram/MainRoutine - *49(OTE)

Local:3:O.Data.30BOOL

O3_03 - MainProgram/OUTPUTS - *8(OTE)

Local:3:O.Data.40BOOL

O3_04 - MainProgram/OUTPUTS - *9(OTE)

Local:3:O.Data.50BOOL

O3_05 - MainProgram/OUTPUTS - *10(OTE)

Local:3:O.Data.60BOOL

O3_06 - MainProgram/OUTPUTS - *11(OTE)

Local:3:O.Data.70BOOL

O3_07 - MainProgram/OUTPUTS - *12(OTE)

AB:1769_DO16:O:0

Thermal_Target_System_v2

Logix Designer

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

23/02/2026 11:20:07

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

MODE_01_ENABLED

0

BOOL

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

MODE_01_ENABLED - MainProgram/MainRoutine - *26(OTE), 45(XIC), 50(XIC), 51(XIC)

MODE_01_ENABLED - MainProgram/MODE_01 - 11(XIO), 12(XIC), 13(XIC), 14(XIC), 15(XIC), 16(XIC), 17(XIC), 18(XIC), 19(XIC), 20(XIC), 21(XIC), 22(XIC)

MODE_01_ENABLED - MainProgram/OUTPUTS - 0(XIC), 1(XIC), 12(XIC)

MODE_01_FAULT

0

BOOL

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

MODE_01_FAULT - MainProgram/MainRoutine - 44(XIC)

MODE_01_FAULT - MainProgram/MODE_01 - *23(OTE), 22(XIO)

MODE_01_STEP_00

0

BOOL

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

MODE_01_STEP_00 - MainProgram/MainRoutine - 44(XIC)

MODE_01_STEP_00 - MainProgram/MODE_01 - *0(OTE), 12(XIC)

MODE_01_STEP_00 - MainProgram/OUTPUTS - 0(XIO), 1(XIO)

MODE_01_STEP_01

0

BOOL

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

MODE_01_STEP_01 - MainProgram/MainRoutine - 50(XIC)

MODE_01_STEP_01 - MainProgram/MODE_01 - *1(OTE), 13(XIC)

MODE_01_STEP_01 - MainProgram/OUTPUTS - 0(XIC), 1(XIC)

MODE_01_STEP_02

0

BOOL

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

MODE_01_STEP_02 - MainProgram/MODE_01 - *2(OTE), 14(XIC)

MODE_01_STEP_02 - MainProgram/OUTPUTS - 0(XIO), 1(XIO)

MODE_01_STEP_03

0

BOOL

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

MODE_01_STEP_03 - MainProgram/MODE_01 - *3(OTE), 15(XIC)

MODE_01_STEP_04

0

BOOL

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

MODE_01_STEP_04 - MainProgram/MODE_01 - *4(OTE), 16(XIC)

MODE_01_STEP_05

0

BOOL

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

Logix Designer

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

23/02/2026 11:20:07

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

Page 13

MODE_01_STEP_05 (Continued)

MODE_01_STEP_05 - MainProgram/MODE_01 - *5(OTE), 17(XIC)

MODE_01_STEP_06

0

BOOL

Constant

No

External Access:

Read/Write

MODE_01_STEP_06 - MainProgram/MODE_01 - *6(OTE), 18(XIC)

MODE_01_STEP_07

0

BOOL

Constant

No

External Access:

Read/Write

MODE_01_STEP_07 - MainProgram/MODE_01 - *7(OTE), 19(XIC)

MODE_01_STEP_08

0

BOOL

Constant

No

External Access:

Read/Write

MODE_01_STEP_08 - MainProgram/MODE_01 - *8(OTE), 20(XIC)

MODE_01_STEP_09

0

BOOL

Constant

No

External Access:

Read/Write

MODE_01_STEP_09 - MainProgram/MODE_01 - *9(OTE), 21(XIC)

MODE_01_STEP_10

0

BOOL

Constant

No

External Access:

Read/Write

MODE_01_STEP_10 - MainProgram/MainRoutine - 51(XIC)

MODE_01_STEP_10 - MainProgram/MODE_01 - *10(OTE), 22(XIC)

MODE_01_STEP_10 - MainProgram/OUTPUTS - 0(XIO), 1(XIO)

MODE_01_STEP_VAL

0

DINT

Constant

No

External Access:

Read/Write

MODE_01_STEP_VAL - MainProgram/MainRoutine - *0(MOV), *34(MOV)

MODE_01_STEP_VAL - MainProgram/MODE_01 - *11(MOV), *12(MOV), *13(MOV), *14(MOV), *15(MOV), *16(MOV), *17(MOV), *18(MOV), *19(MOV), *20(MOV), *21(MOV), *22(MOV), 0(EQU), 1(EQU), 10(EQU), 2(EQU), 23(LIM), 3(EQU), 4(EQU), 5(EQU), 6(EQU), 7(EQU), 8(EQU), 9(EQU)

MODE_01_TIMERS_VAL

0

DINT

Constant

No

External Access:

Read/Write

MODE_01_TIMERS_VAL - MainProgram/MODE_01 - *23(ADD), 23(ADD)

MODE_01_WATCHDOG_TIMER

TIMER

Constant

No

External Access:

Read/Write

MODE_01_WATCHDOG_TIMER - MainProgram/MODE_01 - *23(TON)

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

23/02/2026 11:20:07

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

Page 14

MODE_01_WATCHDOG_TIMER (Continued)

MODE_01_WATCHDOG_TIMER.PRE

0

DINT

MODE_01_WATCHDOG_TIMER.PRE - MainProgram/MODE_01 - *23(ADD)

MODE_01_WATCHDOG_TIMER.DN

0

BOOL

MODE_01_WATCHDOG_TIMER.DN - MainProgram/MODE_01 - 23(XIC)

MODE_02_ENABLED

0

No

BOOL

Constant

No

External Access:

Read/Write

MODE_02_ENABLED - MainProgram/MainRoutine - *27(OTE), 45(XIC), 50(XIC), 51(XIC)

MODE_02_ENABLED - MainProgram/MODE_02 - 11(XIO), 12(XIC), 13(XIC), 14(XIC), 15(XIC), 16(XIC), 17(XIC), 18(XIC), 19(XIC), 20(XIC), 21(XIC), 22(XIC)

MODE_02_ENABLED - MainProgram/OUTPUTS - 0(XIC), 1(XIC), 8(XIC)

MODE_02_FAULT

0

No

BOOL

Constant

No

External Access:

Read/Write

MODE_02_FAULT - MainProgram/MainRoutine - 44(XIC)

MODE_02_FAULT - MainProgram/MODE_02 - *23(OTE), 22(XIO)

MODE_02_STEP_00

0

No

BOOL

Constant

No

External Access:

Read/Write

MODE_02_STEP_00 - MainProgram/MainRoutine - 44(XIC)

MODE_02_STEP_00 - MainProgram/MODE_02 - *0(OTE), 12(XIC)

MODE_02_STEP_00 - MainProgram/OUTPUTS - 0(XIO), 1(XIO)

MODE_02_STEP_01

0

No

BOOL

Constant

No

External Access:

Read/Write

MODE_02_STEP_01 - MainProgram/MainRoutine - 50(XIC)

MODE_02_STEP_01 - MainProgram/MODE_02 - *1(OTE), 13(XIC)

MODE_02_STEP_01 - MainProgram/OUTPUTS - 0(XIC), 1(XIC)

MODE_02_STEP_02

0

No

BOOL

Constant

No

External Access:

Read/Write

MODE_02_STEP_02 - MainProgram/MODE_02 - *2(OTE), 14(XIC)

MODE_02_STEP_02 - MainProgram/OUTPUTS - 0(XIO), 1(XIO)

MODE_02_STEP_03

0

No

BOOL

Constant

No

External Access:

Read/Write

MODE_02_STEP_03 - MainProgram/MODE_02 - *3(OTE), 15(XIC)

MODE_02_STEP_04

0

No

BOOL

Constant

No

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

<

MODE_02_STEP_04 (Continued)				
External Access:		Read/Write		
MODE_02_STEP_04 - MainProgram/MODE_02 - *4(OTE), 16(XIC)				
	MODE_02_STEP_05	0	BOOL	Thermal_Target_System_v2
Constant		No		
External Access:		Read/Write		
MODE_02_STEP_05 - MainProgram/MODE_02 - *5(OTE), 17(XIC)				
	MODE_02_STEP_06	0	BOOL	Thermal_Target_System_v2
Constant		No		
External Access:		Read/Write		
MODE_02_STEP_06 - MainProgram/MODE_02 - *6(OTE), 18(XIC)				
	MODE_02_STEP_07	0	BOOL	Thermal_Target_System_v2
Constant		No		
External Access:		Read/Write		
MODE_02_STEP_07 - MainProgram/MODE_02 - *7(OTE), 19(XIC)				
	MODE_02_STEP_08	0	BOOL	Thermal_Target_System_v2
Constant		No		
External Access:		Read/Write		
MODE_02_STEP_08 - MainProgram/MODE_02 - *8(OTE), 20(XIC)				
	MODE_02_STEP_09	0	BOOL	Thermal_Target_System_v2
Constant		No		
External Access:		Read/Write		
MODE_02_STEP_09 - MainProgram/MODE_02 - *9(OTE), 21(XIC)				
	MODE_02_STEP_10	0	BOOL	Thermal_Target_System_v2
Constant		No		
External Access:		Read/Write		
MODE_02_STEP_10 - MainProgram/MainRoutine - 51(XIC)				
MODE_02_STEP_10 - MainProgram/MODE_02 - *10(OTE), 22(XIC)				
MODE_02_STEP_10 - MainProgram/OUTPUTS - 0(XIO), 1(XIO)				
	MODE_02_STEP_VAL	0	DINT	Thermal_Target_System_v2
Constant		No		
External Access:		Read/Write		
MODE_02_STEP_VAL - MainProgram/MainRoutine - *0(MOV), *34(MOV)				
MODE_02_STEP_VAL - MainProgram/MODE_02 - *11(MOV), *12(MOV), *13(MOV), *14(MOV), *15(MOV), *16(MOV), *17(MOV), *18(MOV), *19(MOV), *20(MOV), *21(MOV), *22(MOV), 0(EQU), 1(EQU), 10(EQU), 2(EQU), 23(LIM), 3(EQU), 4(EQU), 5(EQU), 6(EQU), 7(EQU), 8(EQU), 9(EQU)				
	MODE_02_TIMERS_VAL	0	DINT	Thermal_Target_System_v2
Constant		No		
External Access:		Read/Write		

Thermal_Target_System_v2 - Tag Listing			Page 16
Thermal_Target_System_v2 (Controller)			23/02/2026 11:20:07
			C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD
MODE_02_TIMERS_VAL (Continued)			
MODE_02_TIMERS_VAL - MainProgram/MODE_02 - *23(ADD), 23(ADD)			
 MODE_02_WATCHDOG_TIMER		TIMER	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_02_WATCHDOG_TIMER - MainProgram/MODE_02 - *23(TON)			
MODE_02_WATCHDOG_TIMER.PRE	0	DINT	
MODE_02_WATCHDOG_TIMER.PRE - MainProgram/MODE_02 - *23(ADD)			
MODE_02_WATCHDOG_TIMER.DN	0	BOOL	
MODE_02_WATCHDOG_TIMER.DN - MainProgram/MODE_02 - 23(XIC)			
 MODE_03_ENABLED	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_03_ENABLED - MainProgram/MainRoutine - *28(OTE), 45(XIC), 50(XIC), 51(XIC)			
MODE_03_ENABLED - MainProgram/MODE_03 - 11(XIO), 12(XIC), 13(XIC), 14(XIC), 15(XIC), 16(XIC), 17(XIC), 18(XIC), 19(XIC), 20(XIC), 21(XIC), 22(XIC)			
MODE_03_ENABLED - MainProgram/OUTPUTS - 0(XIC), 1(XIC), 10(XIC), 2(XIC), 3(XIC), 4(XIC), 5(XIC), 8(XIC), 9(XIC)			
 MODE_03_FAULT	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_03_FAULT - MainProgram/MainRoutine - 44(XIC)			
MODE_03_FAULT - MainProgram/MODE_03 - *23(OTE), 22(XIO)			
 MODE_03_STEP_00	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_03_STEP_00 - MainProgram/MainRoutine - 44(XIC)			
MODE_03_STEP_00 - MainProgram/MODE_03 - *0(OTE), 12(XIC)			
MODE_03_STEP_00 - MainProgram/OUTPUTS - 0(XIO), 1(XIO), 2(XIO), 3(XIO), 4(XIO), 5(XIO)			
 MODE_03_STEP_01	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_03_STEP_01 - MainProgram/MainRoutine - 50(XIC)			
MODE_03_STEP_01 - MainProgram/MODE_03 - *1(OTE), 13(XIC)			
MODE_03_STEP_01 - MainProgram/OUTPUTS - 0(XIC), 1(XIC), 2(XIC), 3(XIC), 4(XIC), 5(XIC)			
 MODE_03_STEP_02	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_03_STEP_02 - MainProgram/MODE_03 - *2(OTE), 14(XIC)			
MODE_03_STEP_02 - MainProgram/OUTPUTS - 0(XIO), 1(XIO), 2(XIO), 3(XIO), 4(XIO), 5(XIO)			
 MODE_03_STEP_03	0	BOOL	Thermal_Target_System_v2
			Logix Designer

Thermal_Target_System_v2 - Tag Listing		Page 17	
Thermal_Target_System_v2 (Controller)		23/02/2026 11:20:07	
		C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD	
MODE_03_STEP_03 (Continued)			
Constant	No		
External Access:	Read/Write		
MODE_03_STEP_03 - MainProgram/MODE_03 - *3(OTE), 15(XIC)			
 MODE_03_STEP_04	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_03_STEP_04 - MainProgram/MODE_03 - *4(OTE), 16(XIC)			
 MODE_03_STEP_05	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_03_STEP_05 - MainProgram/MODE_03 - *5(OTE), 17(XIC)			
 MODE_03_STEP_06	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_03_STEP_06 - MainProgram/MODE_03 - *6(OTE), 18(XIC)			
 MODE_03_STEP_07	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_03_STEP_07 - MainProgram/MODE_03 - *7(OTE), 19(XIC)			
 MODE_03_STEP_08	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_03_STEP_08 - MainProgram/MODE_03 - *8(OTE), 20(XIC)			
 MODE_03_STEP_09	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_03_STEP_09 - MainProgram/MODE_03 - *9(OTE), 21(XIC)			
 MODE_03_STEP_10	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_03_STEP_10 - MainProgram/MainRoutine - 51(XIC)			
MODE_03_STEP_10 - MainProgram/MODE_03 - *10(OTE), 22(XIC)			
MODE_03_STEP_10 - MainProgram/OUTPUTS - 0(XIO), 1(XIO), 2(XIO), 3(XIO), 4(XIO), 5(XIO)			
 MODE_03_STEP_VAL	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_03_STEP_VAL - MainProgram/MainRoutine - *0(MOV), *34(MOV)			
Logix Designer			

MODE_04_STEP_02 (Continued)			
Constant	No		
External Access:	Read/Write		
MODE_04_STEP_02 - MainProgram/MODE_04 - *2(OTE), 14(XIC)			
MODE_04_STEP_02 - MainProgram/OUTPUTS - 0(XIO), 1(XIO), 2(XIO), 3(XIO), 4(XIO), 5(XIO), 6(XIO), 7(XIO)			
MODE_04_STEP_03	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_04_STEP_03 - MainProgram/MODE_04 - *3(OTE), 15(XIC)			
MODE_04_STEP_04	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_04_STEP_04 - MainProgram/MODE_04 - *4(OTE), 16(XIC)			
MODE_04_STEP_05	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_04_STEP_05 - MainProgram/MODE_04 - *5(OTE), 17(XIC)			
MODE_04_STEP_06	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_04_STEP_06 - MainProgram/MODE_04 - *6(OTE), 18(XIC)			
MODE_04_STEP_07	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_04_STEP_07 - MainProgram/MODE_04 - *7(OTE), 19(XIC)			
MODE_04_STEP_08	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_04_STEP_08 - MainProgram/MODE_04 - *8(OTE), 20(XIC)			
MODE_04_STEP_09	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_04_STEP_09 - MainProgram/MODE_04 - *9(OTE), 21(XIC)			
MODE_04_STEP_10	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
MODE_04_STEP_10 - MainProgram/MainRoutine - 51(XIC)			
MODE_04_STEP_10 - MainProgram/MODE_04 - *10(OTE), 22(XIC)			

MODE_04_STEP_10 (Continued)			
<i>MODE_04_STEP_10 - MainProgram/OUTPUTS - 0(XIO), 1(XIO), 2(XIO), 3(XIO), 4(XIO), 5(XIO), 6(XIO), 7(XIO)</i>			
 MODE_04_STEP_VAL	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>MODE_04_STEP_VAL - MainProgram/MainRoutine - *0(MOV), *34(MOV)</i>			
<i>MODE_04_STEP_VAL - MainProgram/MODE_04 - *11(MOV), *12(MOV), *13(MOV), *14(MOV), *15(MOV), *16(MOV), *17(MOV), *18(MOV), *19(MOV), *20(MOV), *21(MOV), *22(MOV), 0(EQU), 1(EQU), 10(EQU), 2(EQU), 23(LIM), 3(EQU), 4(EQU), 5(EQU), 6(EQU), 7(EQU), 8(EQU), 9(EQU)</i>			
 MODE_04_TIMERS_VAL	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>MODE_04_TIMERS_VAL - MainProgram/MODE_04 - *23(ADD), 23(ADD)</i>			
 MODE_04_WATCHDOG_TIMER		TIMER	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>MODE_04_WATCHDOG_TIMER - MainProgram/MODE_04 - *23(TON)</i>			
MODE_04_WATCHDOG_TIMER.PRE	0	DINT	
<i>MODE_04_WATCHDOG_TIMER.PRE - MainProgram/MODE_04 - *23(ADD)</i>			
MODE_04_WATCHDOG_TIMER.DN	0	BOOL	
<i>MODE_04_WATCHDOG_TIMER.DN - MainProgram/MODE_04 - 23(XIC)</i>			
 MODE_05_ENABLED	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>MODE_05_ENABLED - MainProgram/MainRoutine - *30(OTE), 50(XIC), 51(XIC)</i>			
<i>MODE_05_ENABLED - MainProgram/MODE_05 - 11(XIO), 12(XIC), 13(XIC), 14(XIC), 15(XIC), 16(XIC), 17(XIC), 18(XIC), 19(XIC), 20(XIC), 21(XIC), 22(XIC)</i>			
<i>MODE_05_ENABLED - MainProgram/OUTPUTS - 0(XIC), 1(XIC), 12(XIC)</i>			
 MODE_05_FAULT	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>MODE_05_FAULT - MainProgram/MainRoutine - 44(XIC)</i>			
<i>MODE_05_FAULT - MainProgram/MODE_05 - *23(OTE), 22(XIO)</i>			
 MODE_05_STEP_00	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>MODE_05_STEP_00 - MainProgram/MainRoutine - 44(XIC)</i>			
<i>MODE_05_STEP_00 - MainProgram/MODE_05 - *0(OTE), 12(XIC)</i>			
<i>MODE_05_STEP_00 - MainProgram/OUTPUTS - 0(XIO), 1(XIO)</i>			
 MODE_05_STEP_01	0	BOOL	Thermal_Target_System_v2
Constant	No		

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

Page 21

23/02/2026 11:20:08

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

MODE_05_STEP_01 (Continued)

External Access:

MODE_05_STEP_01 - MainProgram/MainRoutine - 50(XIC)

MODE_05_STEP_01 - MainProgram/MODE_05 - *1(OTE), 13(XIC)

MODE_05_STEP_01 - MainProgram/OUTPUTS - 0(XIC), 1(XIC)

MODE_05_STEP_02

0

No

External Access:

MODE_05_STEP_02 - MainProgram/MODE_05 - *2(OTE), 14(XIC)

MODE_05_STEP_02 - MainProgram/OUTPUTS - 0(XIO), 1(XIO)

MODE_05_STEP_03

0

No

External Access:

MODE_05_STEP_03 - MainProgram/MODE_05 - *3(OTE), 15(XIC)

MODE_05_STEP_04

0

No

External Access:

MODE_05_STEP_04 - MainProgram/MODE_05 - *4(OTE), 16(XIC)

MODE_05_STEP_05

0

No

External Access:

MODE_05_STEP_05 - MainProgram/MODE_05 - *5(OTE), 17(XIC)

MODE_05_STEP_06

0

No

External Access:

MODE_05_STEP_06 - MainProgram/MODE_05 - *6(OTE), 18(XIC)

MODE_05_STEP_07

0

No

External Access:

MODE_05_STEP_07 - MainProgram/MODE_05 - *7(OTE), 19(XIC)

MODE_05_STEP_08

0

No

External Access:

MODE_05_STEP_08 - MainProgram/MODE_05 - *8(OTE), 20(XIC)

MODE_05_STEP_09

0

No

External Access:

MODE_05_STEP_09 - MainProgram/MODE_05 - *9(OTE), 21(XIC)

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

Read/Write

<

	MODE_05_STEP_10	0	BOOL	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>MODE_05_STEP_10 - MainProgram/MainRoutine - 51(XIC)</i>			
	<i>MODE_05_STEP_10 - MainProgram/MODE_05 - *10(OTE), 22(XIC)</i>			
	<i>MODE_05_STEP_10 - MainProgram/OUTPUTS - 0(XIO), 1(XIO)</i>			
	MODE_05_STEP_VAL	0	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>MODE_05_STEP_VAL - MainProgram/MainRoutine - *0(MOV), *34(MOV)</i>			
	<i>MODE_05_STEP_VAL - MainProgram/MODE_05 - *11(MOV), *12(MOV), *13(MOV), *14(MOV), *15(MOV), *16(MOV), *17(MOV), *18(MOV), *19(MOV), *20(MOV), *21(MOV), *22(MOV), 0(EQU), 1(EQU), 10(EQU), 2(EQU), 23(LIM), 3(EQU), 4(EQU), 5(EQU), 6(EQU), 7(EQU), 8(EQU), 9(EQU)</i>			
	MODE_05_TIMERS_VAL	0	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>MODE_05_TIMERS_VAL - MainProgram/MODE_05 - *23(ADD), 23(ADD)</i>			
	MODE_05_WATCHDOG_TIMER		TIMER	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>MODE_05_WATCHDOG_TIMER - MainProgram/MODE_05 - *23(TON)</i>			
	MODE_05_WATCHDOG_TIMER.PRE	0	DINT	
	<i>MODE_05_WATCHDOG_TIMER.PRE - MainProgram/MODE_05 - *23(ADD)</i>			
	MODE_05_WATCHDOG_TIMER.DN	0	BOOL	
	<i>MODE_05_WATCHDOG_TIMER.DN - MainProgram/MODE_05 - 23(XIC)</i>			
	MODE_06_ENABLED	0	BOOL	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>MODE_06_ENABLED - MainProgram/MainRoutine - *31(OTE), 50(XIC), 51(XIC)</i>			
	<i>MODE_06_ENABLED - MainProgram/MODE_06 - 11(XIO), 12(XIC), 13(XIC), 14(XIC), 15(XIC), 16(XIC), 17(XIC), 18(XIC), 19(XIC), 20(XIC), 21(XIC), 22(XIC)</i>			
	<i>MODE_06_ENABLED - MainProgram/OUTPUTS - 0(XIC), 1(XIC), 8(XIC)</i>			
	MODE_06_FAULT	0	BOOL	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>MODE_06_FAULT - MainProgram/MainRoutine - 44(XIC)</i>			
	<i>MODE_06_FAULT - MainProgram/MODE_06 - *23(OTE), 22(XIO)</i>			
	MODE_06_STEP_00	0	BOOL	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>MODE_06_STEP_00 - MainProgram/MainRoutine - 44(XIC)</i>			
	<i>MODE_06_STEP_00 - MainProgram/MODE_06 - *0(OTE), 12(XIC)</i>			

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

Page 23

23/02/2026 11:20:08

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

MODE_06_STEP_00 (Continued)

MODE_06_STEP_00 - MainProgram/OUTPUTS - 0(XIO), 1(XIO)

MODE_06_STEP_01

0

Constant

No

External Access:

Read/Write

MODE_06_STEP_01 - MainProgram/MainRoutine - 50(XIC)

MODE_06_STEP_01 - MainProgram/MODE_06 - *1(OTE), 13(XIC)

MODE_06_STEP_01 - MainProgram/OUTPUTS - 0(XIC)

BOOL

Thermal_Target_System_v2

MODE_06_STEP_02

0

Constant

No

External Access:

Read/Write

MODE_06_STEP_02 - MainProgram/MODE_06 - *2(OTE), 14(XIC)

MODE_06_STEP_02 - MainProgram/OUTPUTS - 0(XIO), 1(XIO)

BOOL

Thermal_Target_System_v2

MODE_06_STEP_03

0

Constant

No

External Access:

Read/Write

MODE_06_STEP_03 - MainProgram/MODE_06 - *3(OTE), 15(XIC)

BOOL

Thermal_Target_System_v2

MODE_06_STEP_04

0

Constant

No

External Access:

Read/Write

MODE_06_STEP_04 - MainProgram/MODE_06 - *4(OTE), 16(XIC)

BOOL

Thermal_Target_System_v2

MODE_06_STEP_05

0

Constant

No

External Access:

Read/Write

MODE_06_STEP_05 - MainProgram/MODE_06 - *5(OTE), 17(XIC)

BOOL

Thermal_Target_System_v2

MODE_06_STEP_06

0

Constant

No

External Access:

Read/Write

MODE_06_STEP_06 - MainProgram/MODE_06 - *6(OTE), 18(XIC)

BOOL

Thermal_Target_System_v2

MODE_06_STEP_07

0

Constant

No

External Access:

Read/Write

MODE_06_STEP_07 - MainProgram/MODE_06 - *7(OTE), 19(XIC)

BOOL

Thermal_Target_System_v2

MODE_06_STEP_08

0

Constant

No

External Access:

Read/Write

MODE_06_STEP_08 - MainProgram/MODE_06 - *8(OTE), 20(XIC)

BOOL

Thermal_Target_System_v2

Logix Designer

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

Page 24

23/02/2026 11:20:08

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

	MODE_06_STEP_09	0	BOOL	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	MODE_06_STEP_09 - MainProgram/MODE_06 - *9(OTE), 21(XIC)			
	MODE_06_STEP_10	0	BOOL	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	MODE_06_STEP_10 - MainProgram/MainRoutine - 51(XIC)			
	MODE_06_STEP_10 - MainProgram/MODE_06 - *10(OTE), 22(XIC)			
	MODE_06_STEP_10 - MainProgram/OUTPUTS - 0(XIO), 1(XIO)			
	MODE_06_STEP_VAL	0	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	MODE_06_STEP_VAL - MainProgram/MainRoutine - *0(MOV), *34(MOV)			
	MODE_06_STEP_VAL - MainProgram/MODE_06 - *11(MOV), *12(MOV), *13(MOV), *14(MOV), *15(MOV), *16(MOV), *17(MOV), *18(MOV), *19(MOV), *20(MOV), *21(MOV), *22(MOV), 0(EQU), 1(EQU), 10(EQU), 2(EQU), 23(LIM), 3(EQU), 4(EQU), 5(EQU), 6(EQU), 7(EQU), 8(EQU), 9(EQU)			
	MODE_06_TIMERS_VAL	0	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	MODE_06_TIMERS_VAL - MainProgram/MODE_06 - *23(ADD), 23(ADD)			
	MODE_06_WATCHDOG_TIMER		TIMER	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	MODE_06_WATCHDOG_TIMER - MainProgram/MODE_06 - *23(TON)			
	MODE_06_WATCHDOG_TIMER.PRE	0	DINT	
	MODE_06_WATCHDOG_TIMER.PRE - MainProgram/MODE_06 - *23(ADD)			
	MODE_06_WATCHDOG_TIMER.DN	0	BOOL	
	MODE_06_WATCHDOG_TIMER.DN - MainProgram/MODE_06 - 23(XIC)			
	MODE_07_ENABLED	0	BOOL	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	MODE_07_ENABLED - MainProgram/MainRoutine - *32(OTE), 50(XIC), 51(XIC)			
	MODE_07_ENABLED - MainProgram/MODE_07 - 11(XIO), 12(XIC), 13(XIC), 14(XIC), 15(XIC), 16(XIC), 17(XIC), 18(XIC), 19(XIC), 20(XIC), 21(XIC), 22(XIC)			
	MODE_07_ENABLED - MainProgram/OUTPUTS - 0(XIC), 1(XIC), 10(XIC), 2(XIC), 3(XIC), 4(XIC), 5(XIC), 8(XIC), 9(XIC)			
	MODE_07_FAULT	0	BOOL	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	MODE_07_FAULT - MainProgram/MainRoutine - 44(XIC)			
	MODE_07_FAULT - MainProgram/MODE_07 - *23(OTE), 22(XIO)			

Logix Designer

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

23/02/2026 11:20:08

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

MODE_07_STEP_00

0

Constant

External Access:

MODE_07_STEP_00 - MainProgram/MainRoutine - 44(XIC)

MODE_07_STEP_00 - MainProgram/MODE_07 - *0(OTE), 12(XIC)

MODE_07_STEP_00 - MainProgram/OUTPUTS - 0(XIO), 1(XIO), 2(XIO), 3(XIO), 4(XIO), 5(XIO)

BOOL

Thermal_Target_System_v2

MODE_07_STEP_01

0

Constant

External Access:

MODE_07_STEP_01 - MainProgram/MainRoutine - 50(XIC)

MODE_07_STEP_01 - MainProgram/MODE_07 - *1(OTE), 13(XIC)

MODE_07_STEP_01 - MainProgram/OUTPUTS - 0(XIC), 1(XIC), 2(XIC), 3(XIC), 4(XIC), 5(XIC)

BOOL

Thermal_Target_System_v2

MODE_07_STEP_02

0

Constant

External Access:

MODE_07_STEP_02 - MainProgram/MODE_07 - *2(OTE), 14(XIC)

MODE_07_STEP_02 - MainProgram/OUTPUTS - 0(XIO), 1(XIO), 2(XIO), 3(XIO), 4(XIO), 5(XIO)

BOOL

Thermal_Target_System_v2

MODE_07_STEP_03

0

Constant

External Access:

MODE_07_STEP_03 - MainProgram/MODE_07 - *3(OTE), 15(XIC)

BOOL

Thermal_Target_System_v2

MODE_07_STEP_04

0

Constant

External Access:

MODE_07_STEP_04 - MainProgram/MODE_07 - *4(OTE), 16(XIC)

BOOL

Thermal_Target_System_v2

MODE_07_STEP_05

0

Constant

External Access:

MODE_07_STEP_05 - MainProgram/MODE_07 - *5(OTE), 17(XIC)

BOOL

Thermal_Target_System_v2

MODE_07_STEP_06

0

Constant

External Access:

MODE_07_STEP_06 - MainProgram/MODE_07 - *6(OTE), 18(XIC)

BOOL

Thermal_Target_System_v2

MODE_07_STEP_07

0

Constant

External Access:

MODE_07_STEP_07 - MainProgram/MODE_07 - *7(OTE), 19(XIC)

BOOL

Thermal_Target_System_v2

MODE_07_STEP_08

0

BOOL

Thermal_Target_System_v2

Logix Designer

MODE_07_STEP_08 (Continued)				
Constant	No			
External Access:	Read/Write			
<i>MODE_07_STEP_08 - MainProgram/MODE_07 - *8(OTE), 20(XIC)</i>				
 MODE_07_STEP_09	0	BOOL		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
<i>MODE_07_STEP_09 - MainProgram/MODE_07 - *9(OTE), 21(XIC)</i>				
 MODE_07_STEP_10	0	BOOL		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
<i>MODE_07_STEP_10 - MainProgram/MainRoutine - 51(XIC)</i>				
<i>MODE_07_STEP_10 - MainProgram/MODE_07 - *10(OTE), 22(XIC)</i>				
<i>MODE_07_STEP_10 - MainProgram/OUTPUTS - 0(XIO), 1(XIO), 2(XIO), 3(XIO), 4(XIO), 5(XIO)</i>				
 MODE_07_STEP_VAL	0	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
<i>MODE_07_STEP_VAL - MainProgram/MainRoutine - *0(MOV), *34(MOV)</i>				
<i>MODE_07_STEP_VAL - MainProgram/MODE_07 - *11(MOV), *12(MOV), *13(MOV), *14(MOV), *15(MOV), *16(MOV), *17(MOV), *18(MOV), *19(MOV), *20(MOV), *21(MOV), *22(MOV), 0(EQU), 1(EQU), 10(EQU), 2(EQU), 23(LIM), 3(EQU), 4(EQU), 5(EQU), 6(EQU), 7(EQU), 8(EQU), 9(EQU)</i>				
 MODE_07_TIMERS_VAL	0	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
<i>MODE_07_TIMERS_VAL - MainProgram/MODE_07 - *23(ADD), 23(ADD)</i>				
 MODE_07_WATCHDOG_TIMER		TIMER		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
<i>MODE_07_WATCHDOG_TIMER - MainProgram/MODE_07 - *23(TON)</i>				
MODE_07_WATCHDOG_TIMER.PRE	0	DINT		
<i>MODE_07_WATCHDOG_TIMER.PRE - MainProgram/MODE_07 - *23(ADD)</i>				
MODE_07_WATCHDOG_TIMER.DN	0	BOOL		
<i>MODE_07_WATCHDOG_TIMER.DN - MainProgram/MODE_07 - 23(XIC)</i>				
 MODE_08_ENABLED	0	BOOL		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
<i>MODE_08_ENABLED - MainProgram/MainRoutine - *33(OTE), 50(XIC), 51(XIC)</i>				
<i>MODE_08_ENABLED - MainProgram/MODE_08 - 11(XIO), 12(XIC), 13(XIC), 14(XIC), 15(XIC), 16(XIC), 17(XIC), 18(XIC), 19(XIC), 20(XIC), 21(XIC), 22(XIC)</i>				
<i>MODE_08_ENABLED - MainProgram/OUTPUTS - 0(XIC), 1(XIC), 10(XIC), 11(XIC), 2(XIC), 3(XIC), 4(XIC), 5(XIC), 6(XIC), 7(XIC), 8(XIC), 9(XIC)</i>				
 MODE_08_FAULT	0	BOOL		Thermal_Target_System_v2

MODE_08_FAULT (Continued)			
Constant	No		
External Access:	Read/Write		
<i>MODE_08_FAULT - MainProgram/MainRoutine - 44(XIC)</i>			
<i>MODE_08_FAULT - MainProgram/MODE_08 - *23(OTE)</i>			
 MODE_08_STEP_00	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>MODE_08_STEP_00 - MainProgram/MainRoutine - 44(XIC)</i>			
<i>MODE_08_STEP_00 - MainProgram/MODE_08 - *0(OTE), 12(XIC)</i>			
<i>MODE_08_STEP_00 - MainProgram/OUTPUTS - 0(XIO), 1(XIO), 2(XIO), 3(XIO), 4(XIO), 5(XIO), 6(XIO), 7(XIO)</i>			
 MODE_08_STEP_01	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>MODE_08_STEP_01 - MainProgram/MainRoutine - 50(XIC)</i>			
<i>MODE_08_STEP_01 - MainProgram/MODE_08 - *1(OTE), 13(XIC)</i>			
<i>MODE_08_STEP_01 - MainProgram/OUTPUTS - 0(XIC), 1(XIC), 2(XIC), 3(XIC), 4(XIC), 5(XIC), 6(XIC), 7(XIC)</i>			
 MODE_08_STEP_02	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>MODE_08_STEP_02 - MainProgram/MODE_08 - *2(OTE), 14(XIC)</i>			
<i>MODE_08_STEP_02 - MainProgram/OUTPUTS - 0(XIO), 1(XIO), 2(XIO), 3(XIO), 4(XIO), 5(XIO), 6(XIO), 7(XIO)</i>			
 MODE_08_STEP_03	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>MODE_08_STEP_03 - MainProgram/MODE_08 - *3(OTE), 15(XIC)</i>			
 MODE_08_STEP_04	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>MODE_08_STEP_04 - MainProgram/MODE_08 - *4(OTE), 16(XIC)</i>			
 MODE_08_STEP_05	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>MODE_08_STEP_05 - MainProgram/MODE_08 - *5(OTE), 17(XIC)</i>			
 MODE_08_STEP_06	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>MODE_08_STEP_06 - MainProgram/MODE_08 - *6(OTE), 18(XIC)</i>			

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

23/02/2026 11:20:09

Page 28

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

	MODE_08_STEP_07	0	BOOL	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	MODE_08_STEP_07 - MainProgram/MODE_08 - *7(OTE), 19(XIC)			
	MODE_08_STEP_08	0	BOOL	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	MODE_08_STEP_08 - MainProgram/MODE_08 - *8(OTE), 20(XIC)			
	MODE_08_STEP_09	0	BOOL	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	MODE_08_STEP_09 - MainProgram/MODE_08 - *9(OTE), 21(XIC)			
	MODE_08_STEP_10	0	BOOL	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	MODE_08_STEP_10 - MainProgram/MainRoutine - 51(XIC)			
	MODE_08_STEP_10 - MainProgram/MODE_08 - *10(OTE), 22(XIC)			
	MODE_08_STEP_10 - MainProgram/OUTPUTS - 0(XIO), 1(XIO), 2(XIO), 3(XIO), 4(XIO), 5(XIO), 6(XIO), 7(XIO)			
	MODE_08_STEP_VAL	0	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	MODE_08_STEP_VAL - MainProgram/MainRoutine - *0(MOV), *34(MOV)			
	MODE_08_STEP_VAL - MainProgram/MODE_08 - *11(MOV), *12(MOV), *13(MOV), *14(MOV), *15(MOV), *16(MOV), *17(MOV), *18(MOV), *19(MOV), *20(MOV), *21(MOV), *22(MOV), 0(EQU), 1(EQU), 10(EQU), 2(EQU), 23(LIM), 3(EQU), 4(EQU), 5(EQU), 6(EQU), 7(EQU), 8(EQU), 9(EQU)			
	MODE_08_TIMERS_VAL	0	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	MODE_08_TIMERS_VAL - MainProgram/MODE_08 - *23(ADD), 23(ADD)			
	MODE_08_WATCHDOG_TIMER		TIMER	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	MODE_08_WATCHDOG_TIMER - MainProgram/MODE_08 - *23(TON)			
	MODE_08_WATCHDOG_TIMER.PRE	0	DINT	
	MODE_08_WATCHDOG_TIMER.PRE - MainProgram/MODE_08 - *23(ADD)			
	MODE_08_WATCHDOG_TIMER.DN	0	BOOL	
	MODE_08_WATCHDOG_TIMER.DN - MainProgram/MODE_08 - 23(XIC)			
	O1_00	1	BOOL	Thermal_Target_System_v2
	CR01 ENABLE (PS2)			
	AliasFor:	Local:1:O.Data.0		

Logix Designer

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

Page 30

23/02/2026 11:20:09

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

O1_05 (Continued)

Base Tag:Local:1:O.Data.5

ConstantNo

External Access:Read/Write

O1_05 - MainProgram/MainRoutine - 45(XIC)

O1_05 - MainProgram/POWER_SUPPLY_ENABLE_CONTROL - *35(OTE), 35(XIC)

O1_06

0

BOOL

Thermal_Target_System_v2

CR07 ENABLE (B1) THERM ENABLE

AliasFor:Local:1:O.Data.6

Base Tag:Local:1:O.Data.6

ConstantNo

External Access:Read/Write

O1_06 - MainProgram/OUTPUTS - *0(OTE), 0(XIC), 0(XIC), 0(XIC), 0(XIC), 0(XIC), 0(XIC), 0(XIC), 0(XIC), 12(XIC), 8(XIC)

O1_07

0

BOOL

Thermal_Target_System_v2

CR08 ENABLE (B2) THERM ENABLE

AliasFor:Local:1:O.Data.7

Base Tag:Local:1:O.Data.7

ConstantNo

External Access:Read/Write

O1_07 - MainProgram/OUTPUTS - *2(OTE), 2(XIC), 2(XIC), 2(XIC), 2(XIC), 9(XIC)

O1_08

0

BOOL

Thermal_Target_System_v2

CR09 ENABLE (B3) THERM ENABLE

AliasFor:Local:1:O.Data.8

Base Tag:Local:1:O.Data.8

ConstantNo

External Access:Read/Write

O1_08 - MainProgram/OUTPUTS - *4(OTE), 10(XIC), 4(XIC), 4(XIC), 4(XIC), 4(XIC)

O1_09

0

BOOL

Thermal_Target_System_v2

CR10 ENABLE (B4) THERM ENABLE

AliasFor:Local:1:O.Data.9

Base Tag:Local:1:O.Data.9

ConstantNo

External Access:Read/Write

O1_09 - MainProgram/OUTPUTS - *6(OTE), 11(XIC), 6(XIC), 6(XIC), 7(XIC), 7(XIC)

O1_10

0

BOOL

Thermal_Target_System_v2

CR11 ENABLE (D1) THERM ENABLE

AliasFor:Local:1:O.Data.10

Base Tag:Local:1:O.Data.10

ConstantNo

External Access:Read/Write

O1_10 - MainProgram/OUTPUTS - *1(OTE), 1(XIC), 1(XIC), 1(XIC), 1(XIC), 1(XIC), 1(XIC), 1(XIC), 1(XIC), 1(XIC), 12(XIC), 8(XIC)

Logix Designer

O3_02 (Continued)				
O3_02 - MainProgram/MainRoutine - *49(OTE)				
	O3_03	0	BOOL	Thermal_Target_System_v2
	CON 1A ACTIVE LAMP (LP4)			
	AliasFor:	Local:3:O.Data.3		
	Base Tag:	Local:3:O.Data.3		
	Constant	No		
	External Access:	Read/Write		
	O3_03 - MainProgram/OUTPUTS - *8(OTE)			
	O3_04	0	BOOL	Thermal_Target_System_v2
	CON 2A ACTIVE LAMP (LP5)			
	AliasFor:	Local:3:O.Data.4		
	Base Tag:	Local:3:O.Data.4		
	Constant	No		
	External Access:	Read/Write		
	O3_04 - MainProgram/OUTPUTS - *9(OTE)			
	O3_05	0	BOOL	Thermal_Target_System_v2
	CON 3A ACTIVE LAMP (LP6)			
	AliasFor:	Local:3:O.Data.5		
	Base Tag:	Local:3:O.Data.5		
	Constant	No		
	External Access:	Read/Write		
	O3_05 - MainProgram/OUTPUTS - *10(OTE)			
	O3_06	0	BOOL	Thermal_Target_System_v2
	CON 4A ACTIVE LAMP (LP7)			
	AliasFor:	Local:3:O.Data.6		
	Base Tag:	Local:3:O.Data.6		
	Constant	No		
	External Access:	Read/Write		
	O3_06 - MainProgram/OUTPUTS - *11(OTE)			
	O3_07	0	BOOL	Thermal_Target_System_v2
	CON 5A ACTIVE LAMP (LP8)			
	AliasFor:	Local:3:O.Data.7		
	Base Tag:	Local:3:O.Data.7		
	Constant	No		
	External Access:	Read/Write		
	O3_07 - MainProgram/OUTPUTS - *12(OTE)			
	OFF_TIMER_VAL		TIMER	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		

OFF_TIMER_VAL.DN - MainProgram/MODE_08 - 22(XIC)

OFF_TIMER_VAR_03	20000	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>OFF_TIMER_VAR_03 - MainProgram/TIMER PRESETS - 0(MOV)</i>			

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

Page 34

23/02/2026 11:20:09

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

	OFF_TIMER_VAR_04	20000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	OFF_TIMER_VAR_04 - MainProgram/TIMER_PRESETS - 0(MOV)			
	OFF_TIMER_VAR_05	20000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	OFF_TIMER_VAR_05 - MainProgram/TIMER_PRESETS - 0(MOV)			
	OFF_TIMER_VAR_06	20000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	OFF_TIMER_VAR_06 - MainProgram/TIMER_PRESETS - 0(MOV)			
	OFF_TIMER_VAR_07	20000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	OFF_TIMER_VAR_07 - MainProgram/TIMER_PRESETS - 0(MOV)			
	OFF_TIMER_VAR_08	20000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	OFF_TIMER_VAR_08 - MainProgram/TIMER_PRESETS - 0(MOV)			
	OFF_TIMER_VAR_09	20000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	OFF_TIMER_VAR_09 - MainProgram/TIMER_PRESETS - 0(MOV)			
	OFF_TIMER_VAR_10	20000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	OFF_TIMER_VAR_10 - MainProgram/TIMER_PRESETS - 0(MOV)			
	OFF_TIMER_VAR_11	20000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	OFF_TIMER_VAR_11 - MainProgram/TIMER_PRESETS - 0(MOV)			
	OFF_TIMER_VAR_12	20000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	OFF_TIMER_VAR_12 - MainProgram/TIMER_PRESETS - 1(MOV)			
	OFF_TIMER_VAR_13	20000	DINT	Thermal_Target_System_v2

Logix Designer

OFF_TIMER_VAR_13 (Continued)			
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_13 - MainProgram/TIMER_PRESETS - 1(MOV)			
	OFF_TIMER_VAR_14	20000	DINT
Constant	No		Thermal_Target_System_v2
External Access:	Read/Write		
OFF_TIMER_VAR_14 - MainProgram/TIMER_PRESETS - 1(MOV)			
	OFF_TIMER_VAR_15	20000	DINT
Constant	No		Thermal_Target_System_v2
External Access:	Read/Write		
OFF_TIMER_VAR_15 - MainProgram/TIMER_PRESETS - 1(MOV)			
	OFF_TIMER_VAR_16	20000	DINT
Constant	No		Thermal_Target_System_v2
External Access:	Read/Write		
OFF_TIMER_VAR_16 - MainProgram/TIMER_PRESETS - 1(MOV)			
	OFF_TIMER_VAR_17	20000	DINT
Constant	No		Thermal_Target_System_v2
External Access:	Read/Write		
OFF_TIMER_VAR_17 - MainProgram/TIMER_PRESETS - 1(MOV)			
	OFF_TIMER_VAR_18	20000	DINT
Constant	No		Thermal_Target_System_v2
External Access:	Read/Write		
OFF_TIMER_VAR_18 - MainProgram/TIMER_PRESETS - 1(MOV)			
	OFF_TIMER_VAR_19	20000	DINT
Constant	No		Thermal_Target_System_v2
External Access:	Read/Write		
OFF_TIMER_VAR_19 - MainProgram/TIMER_PRESETS - 1(MOV)			
	OFF_TIMER_VAR_20	20000	DINT
Constant	No		Thermal_Target_System_v2
External Access:	Read/Write		
OFF_TIMER_VAR_20 - MainProgram/TIMER_PRESETS - 1(MOV)			
	OFF_TIMER_VAR_21	20000	DINT
Constant	No		Thermal_Target_System_v2
External Access:	Read/Write		
OFF_TIMER_VAR_21 - MainProgram/TIMER_PRESETS - 1(MOV)			
	OFF_TIMER_VAR_22	20000	DINT
			Thermal_Target_System_v2

OFF_TIMER_VAR_22 (Continued)				
Constant	No			
External Access:	Read/Write			
OFF_TIMER_VAR_22 - MainProgram/TIMER_PRESETS - 1(MOV)				
OFF_TIMER_VAR_23	20000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
OFF_TIMER_VAR_23 - MainProgram/TIMER_PRESETS - 1(MOV)				
OFF_TIMER_VAR_24	20000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
OFF_TIMER_VAR_24 - MainProgram/TIMER_PRESETS - 2(MOV)				
OFF_TIMER_VAR_25	20000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
OFF_TIMER_VAR_25 - MainProgram/TIMER_PRESETS - 2(MOV)				
OFF_TIMER_VAR_26	20000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
OFF_TIMER_VAR_26 - MainProgram/TIMER_PRESETS - 2(MOV)				
OFF_TIMER_VAR_27	20000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
OFF_TIMER_VAR_27 - MainProgram/TIMER_PRESETS - 2(MOV)				
OFF_TIMER_VAR_28	20000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
OFF_TIMER_VAR_28 - MainProgram/TIMER_PRESETS - 2(MOV)				
OFF_TIMER_VAR_29	20000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
OFF_TIMER_VAR_29 - MainProgram/TIMER_PRESETS - 2(MOV)				
OFF_TIMER_VAR_30	20000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
OFF_TIMER_VAR_30 - MainProgram/TIMER_PRESETS - 2(MOV)				
OFF_TIMER_VAR_31	20000	DINT		Thermal_Target_System_v2

OFF_TIMER_VAR_31 (Continued)				
Constant	No			
External Access:	Read/Write			
<i>OFF_TIMER_VAR_31 - MainProgram/TIMER_PRESETS - 2(MOV)</i>				
 OFF_TIMER_VAR_32	20000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
<i>OFF_TIMER_VAR_32 - MainProgram/TIMER_PRESETS - 2(MOV)</i>				
 OFF_TIMER_VAR_33	20000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
<i>OFF_TIMER_VAR_33 - MainProgram/TIMER_PRESETS - 2(MOV)</i>				
 OFF_TIMER_VAR_34	20000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
<i>OFF_TIMER_VAR_34 - MainProgram/TIMER_PRESETS - 2(MOV)</i>				
 OFF_TIMER_VAR_35	20000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
<i>OFF_TIMER_VAR_35 - MainProgram/TIMER_PRESETS - 2(MOV)</i>				
 OFF_TIMER_VAR_36	20000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
<i>OFF_TIMER_VAR_36 - MainProgram/TIMER_PRESETS - 3(MOV)</i>				
 OFF_TIMER_VAR_37	20000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
<i>OFF_TIMER_VAR_37 - MainProgram/TIMER_PRESETS - 3(MOV)</i>				
 OFF_TIMER_VAR_38	20000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
<i>OFF_TIMER_VAR_38 - MainProgram/TIMER_PRESETS - 3(MOV)</i>				
 OFF_TIMER_VAR_39	20000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
<i>OFF_TIMER_VAR_39 - MainProgram/TIMER_PRESETS - 3(MOV)</i>				
 OFF_TIMER_VAR_40	20000	DINT		Thermal_Target_System_v2

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

Page 38

23/02/2026 11:20:10

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

OFF_TIMER_VAR_40 (Continued)

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_40 - MainProgram/TIMER_PRESETS - 3(MOV)

OFF_TIMER_VAR_41

20000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_41 - MainProgram/TIMER_PRESETS - 3(MOV)

OFF_TIMER_VAR_42

20000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_42 - MainProgram/TIMER_PRESETS - 3(MOV)

OFF_TIMER_VAR_43

20000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_43 - MainProgram/TIMER_PRESETS - 3(MOV)

OFF_TIMER_VAR_44

20000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_44 - MainProgram/TIMER_PRESETS - 3(MOV)

OFF_TIMER_VAR_45

20000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_45 - MainProgram/TIMER_PRESETS - 3(MOV)

OFF_TIMER_VAR_46

20000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_46 - MainProgram/TIMER_PRESETS - 3(MOV)

OFF_TIMER_VAR_47

20000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_47 - MainProgram/TIMER_PRESETS - 3(MOV)

OFF_TIMER_VAR_48

15000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_48 - MainProgram/TIMER_PRESETS - 4(MOV)

OFF_TIMER_VAR_49

15000

DINT

Thermal_Target_System_v2

Logix Designer

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

Page 39

23/02/2026 11:20:10

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

OFF_TIMER_VAR_49 (Continued)

ConstantNo

External Access:Read/Write

OFF_TIMER_VAR_49 - MainProgram/TIMER_PRESETS - 4(MOV)

OFF_TIMER_VAR_50

15000

DINT

Thermal_Target_System_v2

ConstantNo

External Access:Read/Write

OFF_TIMER_VAR_50 - MainProgram/TIMER_PRESETS - 4(MOV)

OFF_TIMER_VAR_51

15000

DINT

Thermal_Target_System_v2

ConstantNo

External Access:Read/Write

OFF_TIMER_VAR_51 - MainProgram/TIMER_PRESETS - 4(MOV)

OFF_TIMER_VAR_52

15000

DINT

Thermal_Target_System_v2

ConstantNo

External Access:Read/Write

OFF_TIMER_VAR_52 - MainProgram/TIMER_PRESETS - 4(MOV)

OFF_TIMER_VAR_53

15000

DINT

Thermal_Target_System_v2

ConstantNo

External Access:Read/Write

OFF_TIMER_VAR_53 - MainProgram/TIMER_PRESETS - 4(MOV)

OFF_TIMER_VAR_54

15000

DINT

Thermal_Target_System_v2

ConstantNo

External Access:Read/Write

OFF_TIMER_VAR_54 - MainProgram/TIMER_PRESETS - 4(MOV)

OFF_TIMER_VAR_55

15000

DINT

Thermal_Target_System_v2

ConstantNo

External Access:Read/Write

OFF_TIMER_VAR_55 - MainProgram/TIMER_PRESETS - 4(MOV)

OFF_TIMER_VAR_56

15000

DINT

Thermal_Target_System_v2

ConstantNo

External Access:Read/Write

OFF_TIMER_VAR_56 - MainProgram/TIMER_PRESETS - 4(MOV)

OFF_TIMER_VAR_57

15000

DINT

Thermal_Target_System_v2

ConstantNo

External Access:Read/Write

OFF_TIMER_VAR_57 - MainProgram/TIMER_PRESETS - 4(MOV)

OFF_TIMER_VAR_58

15000

DINT

Thermal_Target_System_v2

Logix Designer

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

Page 40

23/02/2026 11:20:10

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

OFF_TIMER_VAR_58 (Continued)

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_58 - MainProgram/TIMER_PRESETS - 4(MOV)

OFF_TIMER_VAR_59

15000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_59 - MainProgram/TIMER_PRESETS - 4(MOV)

OFF_TIMER_VAR_60

10000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_60 - MainProgram/TIMER_PRESETS - 5(MOV)

OFF_TIMER_VAR_61

10000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_61 - MainProgram/TIMER_PRESETS - 5(MOV)

OFF_TIMER_VAR_62

10000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_62 - MainProgram/TIMER_PRESETS - 5(MOV)

OFF_TIMER_VAR_63

10000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_63 - MainProgram/TIMER_PRESETS - 5(MOV)

OFF_TIMER_VAR_64

10000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_64 - MainProgram/TIMER_PRESETS - 5(MOV)

OFF_TIMER_VAR_65

10000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_65 - MainProgram/TIMER_PRESETS - 5(MOV)

OFF_TIMER_VAR_66

10000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_66 - MainProgram/TIMER_PRESETS - 5(MOV)

OFF_TIMER_VAR_67

10000

DINT

Thermal_Target_System_v2

Logix Designer

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

23/02/2026 11:20:10

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

OFF_TIMER_VAR_67 (Continued)

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_67 - MainProgram/TIMER_PRESETS - 5(MOV)

OFF_TIMER_VAR_68

10000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_68 - MainProgram/TIMER_PRESETS - 5(MOV)

OFF_TIMER_VAR_69

10000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_69 - MainProgram/TIMER_PRESETS - 5(MOV)

OFF_TIMER_VAR_70

10000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_70 - MainProgram/TIMER_PRESETS - 5(MOV)

OFF_TIMER_VAR_71

10000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_71 - MainProgram/TIMER_PRESETS - 5(MOV)

OFF_TIMER_VAR_72

0

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_72 - MainProgram/TIMER_PRESETS - 6(MOV)

OFF_TIMER_VAR_73

0

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_73 - MainProgram/TIMER_PRESETS - 6(MOV)

OFF_TIMER_VAR_74

0

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_74 - MainProgram/TIMER_PRESETS - 6(MOV)

OFF_TIMER_VAR_75

0

DINT

Thermal_Target_System_v2

Constant

No

External Access:

Read/Write

OFF_TIMER_VAR_75 - MainProgram/TIMER_PRESETS - 6(MOV)

OFF_TIMER_VAR_76

0

DINT

Thermal_Target_System_v2

Logix Designer

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

Page 42

23/02/2026 11:20:10

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

OFF_TIMER_VAR_76 (Continued)			
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_76 - MainProgram/TIMER_PRESETS - 6(MOV)			
OFF_TIMER_VAR_77	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_77 - MainProgram/TIMER_PRESETS - 6(MOV)			
OFF_TIMER_VAR_78	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_78 - MainProgram/TIMER_PRESETS - 6(MOV)			
OFF_TIMER_VAR_79	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_79 - MainProgram/TIMER_PRESETS - 6(MOV)			
OFF_TIMER_VAR_80	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_80 - MainProgram/TIMER_PRESETS - 6(MOV)			
OFF_TIMER_VAR_81	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_81 - MainProgram/TIMER_PRESETS - 6(MOV)			
OFF_TIMER_VAR_82	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_82 - MainProgram/TIMER_PRESETS - 6(MOV)			
OFF_TIMER_VAR_83	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_83 - MainProgram/TIMER_PRESETS - 6(MOV)			
OFF_TIMER_VAR_84	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_84 - MainProgram/TIMER_PRESETS - 7(MOV)			
OFF_TIMER_VAR_85	0	DINT	Thermal_Target_System_v2

Logix Designer

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

Page 43

23/02/2026 11:20:10

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

OFF_TIMER_VAR_85 (Continued)			
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_85 - MainProgram/TIMER_PRESETS - 7(MOV)			
OFF_TIMER_VAR_86	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_86 - MainProgram/TIMER_PRESETS - 7(MOV)			
OFF_TIMER_VAR_87	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_87 - MainProgram/TIMER_PRESETS - 7(MOV)			
OFF_TIMER_VAR_88	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_88 - MainProgram/TIMER_PRESETS - 7(MOV)			
OFF_TIMER_VAR_89	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_89 - MainProgram/TIMER_PRESETS - 7(MOV)			
OFF_TIMER_VAR_90	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_90 - MainProgram/TIMER_PRESETS - 7(MOV)			
OFF_TIMER_VAR_91	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_91 - MainProgram/TIMER_PRESETS - 7(MOV)			
OFF_TIMER_VAR_92	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_92 - MainProgram/TIMER_PRESETS - 7(MOV)			
OFF_TIMER_VAR_93	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
OFF_TIMER_VAR_93 - MainProgram/TIMER_PRESETS - 7(MOV)			
OFF_TIMER_VAR_94	0	DINT	Thermal_Target_System_v2

Logix Designer

	OFF_TIMER_VAR_94 (Continued)			
	Constant	No		
	External Access:	Read/Write		
	OFF_TIMER_VAR_94 - MainProgram/TIMER_PRESETS - 7(MOV)			
	OFF_TIMER_VAR_95	0	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	OFF_TIMER_VAR_95 - MainProgram/TIMER_PRESETS - 7(MOV)			
	ON_TIMER_VAL		TIMER	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	ON_TIMER_VAL - MainProgram/MainRoutine - *50(TON)			
	ON_TIMER_VAL.PRE	0	DINT	
	ON_TIMER_VAL.PRE - MainProgram/MODE_01 - 23(ADD)			
	ON_TIMER_VAL.PRE - MainProgram/MODE_02 - 23(ADD)			
	ON_TIMER_VAL.PRE - MainProgram/MODE_03 - 23(ADD)			
	ON_TIMER_VAL.PRE - MainProgram/MODE_04 - 23(ADD)			
	ON_TIMER_VAL.PRE - MainProgram/MODE_05 - 23(ADD)			
	ON_TIMER_VAL.PRE - MainProgram/MODE_06 - 23(ADD)			
	ON_TIMER_VAL.PRE - MainProgram/MODE_07 - 23(ADD)			
	ON_TIMER_VAL.PRE - MainProgram/MODE_08 - 23(ADD)			
	ON_TIMER_VAL.PRE - MainProgram/TIMER_PRESETS - *0(MOV), *0(MOV), *0(MOV), *0(MOV), *0(MOV), *0(MOV), *0(MOV), *0(MOV), *0(MOV), *0(MOV), *0(MOV), *0(MOV), *1(MOV), *1(MOV), *1(MOV), *1(MOV), *1(MOV), *1(MOV), *1(MOV), *1(MOV), *1(MOV), *1(MOV), *1(MOV), *1(MOV), *2(MOV), *2(MOV), *2(MOV), *2(MOV), *2(MOV), *2(MOV), *2(MOV), *2(MOV), *2(MOV), *2(MOV), *2(MOV), *2(MOV), *2(MOV), *3(MOV), *3(MOV), *3(MOV), *3(MOV), *3(MOV), *3(MOV), *3(MOV), *3(MOV), *3(MOV), *3(MOV), *3(MOV), *3(MOV), *3(MOV), *4(MOV), *4(MOV), *4(MOV), *4(MOV), *4(MOV), *4(MOV), *4(MOV), *4(MOV), *4(MOV), *4(MOV), *4(MOV), *4(MOV), *4(MOV), *5(MOV), *5(MOV), *5(MOV), *5(MOV), *5(MOV), *5(MOV), *5(MOV), *5(MOV), *5(MOV), *5(MOV), *5(MOV), *5(MOV), *5(MOV), *6(MOV), *6(MOV), *6(MOV), *6(MOV), *6(MOV), *6(MOV), *6(MOV), *6(MOV), *6(MOV), *6(MOV), *6(MOV), *6(MOV), *6(MOV), *6(MOV), *6(MOV), *7(MOV), *7(MOV), *7(MOV), *7(MOV), *7(MOV), *7(MOV), *7(MOV), *7(MOV), *7(MOV), *7(MOV), *7(MOV), *7(MOV), *7(MOV)			
	ON_TIMER_VAL.DN	0	BOOL	
	ON_TIMER_VAL.DN - MainProgram/MODE_01 - 13(XIC)			
	ON_TIMER_VAL.DN - MainProgram/MODE_02 - 13(XIC)			
	ON_TIMER_VAL.DN - MainProgram/MODE_03 - 13(XIC)			
	ON_TIMER_VAL.DN - MainProgram/MODE_04 - 13(XIC)			
	ON_TIMER_VAL.DN - MainProgram/MODE_05 - 13(XIC)			
	ON_TIMER_VAL.DN - MainProgram/MODE_06 - 13(XIC)			
	ON_TIMER_VAL.DN - MainProgram/MODE_07 - 13(XIC)			
	ON_TIMER_VAL.DN - MainProgram/MODE_08 - 13(XIC)			
	ON_TIMER_VAR_00	5000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	ON_TIMER_VAR_00 - MainProgram/TIMER_PRESETS - 0(MOV)			
	ON_TIMER_VAR_01	10000	DINT	Thermal_Target_System_v2
	Constant	No		

Thermal_Target_System_v2 - Tag Listing			Page 45	
Thermal_Target_System_v2 (Controller)			23/02/2026 11:20:11	
			C:\Users\Vector\Documents\Studio 5000\Projects\Thermal_Target_System_v2.ACD	
	ON_TIMER_VAR_01 (Continued)			
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_01 - MainProgram/TIMER_PRESETS - 0(MOV)</i>			
	ON_TIMER_VAR_02	15000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_02 - MainProgram/TIMER_PRESETS - 0(MOV)</i>			
	ON_TIMER_VAR_03	20000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_03 - MainProgram/TIMER_PRESETS - 0(MOV)</i>			
	ON_TIMER_VAR_04	25000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_04 - MainProgram/TIMER_PRESETS - 0(MOV)</i>			
	ON_TIMER_VAR_05	30000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_05 - MainProgram/TIMER_PRESETS - 0(MOV)</i>			
	ON_TIMER_VAR_06	35000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_06 - MainProgram/TIMER_PRESETS - 0(MOV)</i>			
	ON_TIMER_VAR_07	40000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_07 - MainProgram/TIMER_PRESETS - 0(MOV)</i>			
	ON_TIMER_VAR_08	45000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_08 - MainProgram/TIMER_PRESETS - 0(MOV)</i>			
	ON_TIMER_VAR_09	50000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_09 - MainProgram/TIMER_PRESETS - 0(MOV)</i>			
	ON_TIMER_VAR_10	55000	DINT	Thermal_Target_System_v2
	Constant	No		
Logix Designer				

Thermal_Target_System_v2 - Tag Listing			Page 46	
Thermal_Target_System_v2 (Controller)			23/02/2026 11:20:11	
			C:\Users\Vector\Documents\Studio 5000\Projects\Thermal_Target_System_v2.ACD	
	ON_TIMER_VAR_10 (Continued)			
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_10 - MainProgram/TIMER_PRESETS - 0(MOV)</i>			
	ON_TIMER_VAR_11	60000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_11 - MainProgram/TIMER_PRESETS - 0(MOV)</i>			
	ON_TIMER_VAR_12	5000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_12 - MainProgram/TIMER_PRESETS - 1(MOV)</i>			
	ON_TIMER_VAR_13	10000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_13 - MainProgram/TIMER_PRESETS - 1(MOV)</i>			
	ON_TIMER_VAR_14	15000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_14 - MainProgram/TIMER_PRESETS - 1(MOV)</i>			
	ON_TIMER_VAR_15	20000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_15 - MainProgram/TIMER_PRESETS - 1(MOV)</i>			
	ON_TIMER_VAR_16	25000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_16 - MainProgram/TIMER_PRESETS - 1(MOV)</i>			
	ON_TIMER_VAR_17	30000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_17 - MainProgram/TIMER_PRESETS - 1(MOV)</i>			
	ON_TIMER_VAR_18	35000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_18 - MainProgram/TIMER_PRESETS - 1(MOV)</i>			
	ON_TIMER_VAR_19	40000	DINT	Thermal_Target_System_v2
	Constant	No		
Logix Designer				

ON_TIMER_VAR_19 (Continued)	External Access:	Read/Write		
ON_TIMER_VAR_19 - MainProgram/TIMER_PRESETS - 1(MOV)				
ON_TIMER_VAR_20	45000		DINT	Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
ON_TIMER_VAR_20 - MainProgram/TIMER_PRESETS - 1(MOV)				
ON_TIMER_VAR_21	50000		DINT	Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
ON_TIMER_VAR_21 - MainProgram/TIMER_PRESETS - 1(MOV)				
ON_TIMER_VAR_22	55000		DINT	Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
ON_TIMER_VAR_22 - MainProgram/TIMER_PRESETS - 1(MOV)				
ON_TIMER_VAR_23	60000		DINT	Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
ON_TIMER_VAR_23 - MainProgram/TIMER_PRESETS - 1(MOV)				
ON_TIMER_VAR_24	5000		DINT	Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
ON_TIMER_VAR_24 - MainProgram/TIMER_PRESETS - 2(MOV)				
ON_TIMER_VAR_25	10000		DINT	Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
ON_TIMER_VAR_25 - MainProgram/TIMER_PRESETS - 2(MOV)				
ON_TIMER_VAR_26	15000		DINT	Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
ON_TIMER_VAR_26 - MainProgram/TIMER_PRESETS - 2(MOV)				
ON_TIMER_VAR_27	20000		DINT	Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
ON_TIMER_VAR_27 - MainProgram/TIMER_PRESETS - 2(MOV)				
ON_TIMER_VAR_28	25000		DINT	Thermal_Target_System_v2
Constant	No			

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

23/02/2026 11:20:11

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

ON_TIMER_VAR_28 (Continued)

External Access:

ON_TIMER_VAR_28 - MainProgram/TIMER_PRESETS - 2(MOV)

Read/Write

ON_TIMER_VAR_29

30000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

ON_TIMER_VAR_29 - MainProgram/TIMER_PRESETS - 2(MOV)

Read/Write

ON_TIMER_VAR_30

35000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

ON_TIMER_VAR_30 - MainProgram/TIMER_PRESETS - 2(MOV)

Read/Write

ON_TIMER_VAR_31

40000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

ON_TIMER_VAR_31 - MainProgram/TIMER_PRESETS - 2(MOV)

Read/Write

ON_TIMER_VAR_32

45000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

ON_TIMER_VAR_32 - MainProgram/TIMER_PRESETS - 2(MOV)

Read/Write

ON_TIMER_VAR_33

50000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

ON_TIMER_VAR_33 - MainProgram/TIMER_PRESETS - 2(MOV)

Read/Write

ON_TIMER_VAR_34

55000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

ON_TIMER_VAR_34 - MainProgram/TIMER_PRESETS - 2(MOV)

Read/Write

ON_TIMER_VAR_35

60000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

ON_TIMER_VAR_35 - MainProgram/TIMER_PRESETS - 2(MOV)

Read/Write

ON_TIMER_VAR_36

5000

DINT

Thermal_Target_System_v2

Constant

No

External Access:

ON_TIMER_VAR_36 - MainProgram/TIMER_PRESETS - 3(MOV)

Read/Write

ON_TIMER_VAR_37

10000

DINT

Thermal_Target_System_v2

Constant

No

Logix Designer

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

Page 49

23/02/2026 11:20:11

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

ON_TIMER_VAR_37 (Continued)				
External Access:		Read/Write		
ON_TIMER_VAR_37 - MainProgram/TIMER_PRESETS - 3(MOV)				
ON_TIMER_VAR_38	15000	DINT	Thermal_Target_System_v2	
Constant		No		
External Access:		Read/Write		
ON_TIMER_VAR_38 - MainProgram/TIMER_PRESETS - 3(MOV)				
ON_TIMER_VAR_39	20000	DINT	Thermal_Target_System_v2	
Constant		No		
External Access:		Read/Write		
ON_TIMER_VAR_39 - MainProgram/TIMER_PRESETS - 3(MOV)				
ON_TIMER_VAR_40	25000	DINT	Thermal_Target_System_v2	
Constant		No		
External Access:		Read/Write		
ON_TIMER_VAR_40 - MainProgram/TIMER_PRESETS - 3(MOV)				
ON_TIMER_VAR_41	30000	DINT	Thermal_Target_System_v2	
Constant		No		
External Access:		Read/Write		
ON_TIMER_VAR_41 - MainProgram/TIMER_PRESETS - 3(MOV)				
ON_TIMER_VAR_42	35000	DINT	Thermal_Target_System_v2	
Constant		No		
External Access:		Read/Write		
ON_TIMER_VAR_42 - MainProgram/TIMER_PRESETS - 3(MOV)				
ON_TIMER_VAR_43	40000	DINT	Thermal_Target_System_v2	
Constant		No		
External Access:		Read/Write		
ON_TIMER_VAR_43 - MainProgram/TIMER_PRESETS - 3(MOV)				
ON_TIMER_VAR_44	45000	DINT	Thermal_Target_System_v2	
Constant		No		
External Access:		Read/Write		
ON_TIMER_VAR_44 - MainProgram/TIMER_PRESETS - 3(MOV)				
ON_TIMER_VAR_45	50000	DINT	Thermal_Target_System_v2	
Constant		No		
External Access:		Read/Write		
ON_TIMER_VAR_45 - MainProgram/TIMER_PRESETS - 3(MOV)				
ON_TIMER_VAR_46	55000	DINT	Thermal_Target_System_v2	
Constant		No		

Logix Designer

Thermal_Target_System_v2 - Tag Listing			Page 50	
Thermal_Target_System_v2 (Controller)			23/02/2026 11:20:11	
			C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD	
	ON_TIMER_VAR_46 (Continued)			
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_46 - MainProgram/TIMER_PRESETS - 3(MOV)</i>			
	ON_TIMER_VAR_47	60000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_47 - MainProgram/TIMER_PRESETS - 3(MOV)</i>			
	ON_TIMER_VAR_48	5000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_48 - MainProgram/TIMER_PRESETS - 4(MOV)</i>			
	ON_TIMER_VAR_49	7000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_49 - MainProgram/TIMER_PRESETS - 4(MOV)</i>			
	ON_TIMER_VAR_50	9000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_50 - MainProgram/TIMER_PRESETS - 4(MOV)</i>			
	ON_TIMER_VAR_51	11000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_51 - MainProgram/TIMER_PRESETS - 4(MOV)</i>			
	ON_TIMER_VAR_52	13000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_52 - MainProgram/TIMER_PRESETS - 4(MOV)</i>			
	ON_TIMER_VAR_53	15000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_53 - MainProgram/TIMER_PRESETS - 4(MOV)</i>			
	ON_TIMER_VAR_54	17000	DINT	Thermal_Target_System_v2
	Constant	No		
	External Access:	Read/Write		
	<i>ON_TIMER_VAR_54 - MainProgram/TIMER_PRESETS - 4(MOV)</i>			
	ON_TIMER_VAR_55	19000	DINT	Thermal_Target_System_v2
	Constant	No		
Logix Designer				

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

Page 51

23/02/2026 11:20:11

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

ON_TIMER_VAR_55 (Continued)				
External Access:	Read/Write			
ON_TIMER_VAR_55 - MainProgram/TIMER_PRESETS - 4(MOV)				
ON_TIMER_VAR_56	21000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
ON_TIMER_VAR_56 - MainProgram/TIMER_PRESETS - 4(MOV)				
ON_TIMER_VAR_57	23000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
ON_TIMER_VAR_57 - MainProgram/TIMER_PRESETS - 4(MOV)				
ON_TIMER_VAR_58	25000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
ON_TIMER_VAR_58 - MainProgram/TIMER_PRESETS - 4(MOV)				
ON_TIMER_VAR_59	27000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
ON_TIMER_VAR_59 - MainProgram/TIMER_PRESETS - 4(MOV)				
ON_TIMER_VAR_60	5000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
ON_TIMER_VAR_60 - MainProgram/TIMER_PRESETS - 5(MOV)				
ON_TIMER_VAR_61	7000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
ON_TIMER_VAR_61 - MainProgram/TIMER_PRESETS - 5(MOV)				
ON_TIMER_VAR_62	9000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
ON_TIMER_VAR_62 - MainProgram/TIMER_PRESETS - 5(MOV)				
ON_TIMER_VAR_63	11000	DINT		Thermal_Target_System_v2
Constant	No			
External Access:	Read/Write			
ON_TIMER_VAR_63 - MainProgram/TIMER_PRESETS - 5(MOV)				
ON_TIMER_VAR_64	13000	DINT		Thermal_Target_System_v2
Constant	No			

Logix Designer

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

23/02/2026 11:20:11

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

Page 52

ON_TIMER_VAR_64 (Continued)				
External Access:		Read/Write		
ON_TIMER_VAR_64 - MainProgram/TIMER_PRESETS - 5(MOV)				
ON_TIMER_VAR_65	15000	DINT	Thermal_Target_System_v2	
Constant		No		
External Access:		Read/Write		
ON_TIMER_VAR_65 - MainProgram/TIMER_PRESETS - 5(MOV)				
ON_TIMER_VAR_66	17000	DINT	Thermal_Target_System_v2	
Constant		No		
External Access:		Read/Write		
ON_TIMER_VAR_66 - MainProgram/TIMER_PRESETS - 5(MOV)				
ON_TIMER_VAR_67	19000	DINT	Thermal_Target_System_v2	
Constant		No		
External Access:		Read/Write		
ON_TIMER_VAR_67 - MainProgram/TIMER_PRESETS - 5(MOV)				
ON_TIMER_VAR_68	21000	DINT	Thermal_Target_System_v2	
Constant		No		
External Access:		Read/Write		
ON_TIMER_VAR_68 - MainProgram/TIMER_PRESETS - 5(MOV)				
ON_TIMER_VAR_69	23000	DINT	Thermal_Target_System_v2	
Constant		No		
External Access:		Read/Write		
ON_TIMER_VAR_69 - MainProgram/TIMER_PRESETS - 5(MOV)				
ON_TIMER_VAR_70	25000	DINT	Thermal_Target_System_v2	
Constant		No		
External Access:		Read/Write		
ON_TIMER_VAR_70 - MainProgram/TIMER_PRESETS - 5(MOV)				
ON_TIMER_VAR_71	27000	DINT	Thermal_Target_System_v2	
Constant		No		
External Access:		Read/Write		
ON_TIMER_VAR_71 - MainProgram/TIMER_PRESETS - 5(MOV)				
ON_TIMER_VAR_72	0	DINT	Thermal_Target_System_v2	
Constant		No		
External Access:		Read/Write		
ON_TIMER_VAR_72 - MainProgram/TIMER_PRESETS - 6(MOV)				
ON_TIMER_VAR_73	0	DINT	Thermal_Target_System_v2	
Constant		No		

Logix Designer

ON_TIMER_VAR_73 (Continued)			
External Access:		Read/Write	
ON_TIMER_VAR_73 - MainProgram/TIMER_PRESETS - 6(MOV)			
	ON_TIMER_VAR_74	0	DINT
Constant		No	
External Access:		Read/Write	
ON_TIMER_VAR_74 - MainProgram/TIMER_PRESETS - 6(MOV)			
	ON_TIMER_VAR_75	0	DINT
Constant		No	
External Access:		Read/Write	
ON_TIMER_VAR_75 - MainProgram/TIMER_PRESETS - 6(MOV)			
	ON_TIMER_VAR_76	0	DINT
Constant		No	
External Access:		Read/Write	
ON_TIMER_VAR_76 - MainProgram/TIMER_PRESETS - 6(MOV)			
	ON_TIMER_VAR_77	0	DINT
Constant		No	
External Access:		Read/Write	
ON_TIMER_VAR_77 - MainProgram/TIMER_PRESETS - 6(MOV)			
	ON_TIMER_VAR_78	0	DINT
Constant		No	
External Access:		Read/Write	
ON_TIMER_VAR_78 - MainProgram/TIMER_PRESETS - 6(MOV)			
	ON_TIMER_VAR_79	0	DINT
Constant		No	
External Access:		Read/Write	
ON_TIMER_VAR_79 - MainProgram/TIMER_PRESETS - 6(MOV)			
	ON_TIMER_VAR_80	0	DINT
Constant		No	
External Access:		Read/Write	
ON_TIMER_VAR_80 - MainProgram/TIMER_PRESETS - 6(MOV)			
	ON_TIMER_VAR_81	0	DINT
Constant		No	
External Access:		Read/Write	
ON_TIMER_VAR_81 - MainProgram/TIMER_PRESETS - 6(MOV)			
	ON_TIMER_VAR_82	0	DINT
Constant		No	

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

23/02/2026 11:20:11

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

ON_TIMER_VAR_82 (Continued)

External Access:

ON_TIMER_VAR_82 - MainProgram/TIMER_PRESETS - 6(MOV)

ON_TIMER_VAR_83

Constant

External Access:

ON_TIMER_VAR_83 - MainProgram/TIMER_PRESETS - 6(MOV)

ON_TIMER_VAR_84

Constant

External Access:

ON_TIMER_VAR_84 - MainProgram/TIMER_PRESETS - 7(MOV)

ON_TIMER_VAR_85

Constant

External Access:

ON_TIMER_VAR_85 - MainProgram/TIMER_PRESETS - 7(MOV)

ON_TIMER_VAR_86

Constant

External Access:

ON_TIMER_VAR_86 - MainProgram/TIMER_PRESETS - 7(MOV)

ON_TIMER_VAR_87

Constant

External Access:

ON_TIMER_VAR_87 - MainProgram/TIMER_PRESETS - 7(MOV)

ON_TIMER_VAR_88

Constant

External Access:

ON_TIMER_VAR_88 - MainProgram/TIMER_PRESETS - 7(MOV)

ON_TIMER_VAR_89

Constant

External Access:

ON_TIMER_VAR_89 - MainProgram/TIMER_PRESETS - 7(MOV)

ON_TIMER_VAR_90

Constant

External Access:

ON_TIMER_VAR_90 - MainProgram/TIMER_PRESETS - 7(MOV)

ON_TIMER_VAR_91

Constant

Read/Write

No

No

No

No

No

No

No

No

No

DINT

DINT

DINT

DINT

DINT

DINT

DINT

DINT

DINT

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Thermal_Target_System_v2

Logix Designer

ON_TIMER_VAR_91 (Continued)			
External Access:	Read/Write		
<i>ON_TIMER_VAR_91 - MainProgram/TIMER_PRESETS - 7(MOV)</i>			
 ON_TIMER_VAR_92	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>ON_TIMER_VAR_92 - MainProgram/TIMER_PRESETS - 7(MOV)</i>			
 ON_TIMER_VAR_93	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>ON_TIMER_VAR_93 - MainProgram/TIMER_PRESETS - 7(MOV)</i>			
 ON_TIMER_VAR_94	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>ON_TIMER_VAR_94 - MainProgram/TIMER_PRESETS - 7(MOV)</i>			
 ON_TIMER_VAR_95	0	DINT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>ON_TIMER_VAR_95 - MainProgram/TIMER_PRESETS - 7(MOV)</i>			
 PATCH_TIMER_ON		TIMER	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>PATCH_TIMER_ON - MainProgram/MainRoutine - *37(TON)</i>			
PATCH_TIMER_ON.PRE	9000	DINT	
<i>PATCH_TIMER_ON.PRE - MainProgram/MainRoutine - *37(MOV)</i>			
 POWER_SUPPLY_ENABLE_CONTROL_STEP_00			
	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>POWER_SUPPLY_ENABLE_CONTROL_STEP_00 - MainProgram/POWER_SUPPLY_ENABLE_CONTROL - *0(OTE), 15(XIC), 30(XIO), 31(XIO), 32(XIO), 33(XIO), 34(XIO), 35(XIO)</i>			
 POWER_SUPPLY_ENABLE_CONTROL_STEP_01			
	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>POWER_SUPPLY_ENABLE_CONTROL_STEP_01 - MainProgram/POWER_SUPPLY_ENABLE_CONTROL - *1(OTE), 16(XIC), 30(XIC)</i>			
 POWER_SUPPLY_ENABLE_CONTROL_STEP_02			
	0	BOOL	Thermal_Target_System_v2
Constant	No		

Thermal_Target_System_v2 - Tag Listing			Page 57
Thermal_Target_System_v2 (Controller)			23/02/2026 11:20:12
			C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD
	POWER_SUPPLY_ENABLE_CONTROL_STEP_10		
		0	BOOL
	Constant	No	Thermal_Target_System_v2
	External Access:	Read/Write	
	<i>POWER_SUPPLY_ENABLE_CONTROL_STEP_10 - MainProgram/POWER_SUPPLY_ENABLE_CONTROL - *10(OTE), 25(XIC)</i>		
	POWER_SUPPLY_ENABLE_CONTROL_STEP_11		
		0	BOOL
	Constant	No	Thermal_Target_System_v2
	External Access:	Read/Write	
	<i>POWER_SUPPLY_ENABLE_CONTROL_STEP_11 - MainProgram/POWER_SUPPLY_ENABLE_CONTROL - *11(OTE), 26(XIC)</i>		
	POWER_SUPPLY_ENABLE_CONTROL_STEP_12		
		0	BOOL
	Constant	No	Thermal_Target_System_v2
	External Access:	Read/Write	
	<i>POWER_SUPPLY_ENABLE_CONTROL_STEP_12 - MainProgram/POWER_SUPPLY_ENABLE_CONTROL - *12(OTE), 27(XIC)</i>		
	POWER_SUPPLY_ENABLE_CONTROL_STEP_13		
		0	BOOL
	Constant	No	Thermal_Target_System_v2
	External Access:	Read/Write	
	<i>POWER_SUPPLY_ENABLE_CONTROL_STEP_13 - MainProgram/POWER_SUPPLY_ENABLE_CONTROL - *13(OTE), 28(XIC)</i>		
	POWER_SUPPLY_ENABLE_CONTROL_STEP_14		
		0	BOOL
	Constant	No	Thermal_Target_System_v2
	External Access:	Read/Write	
	<i>POWER_SUPPLY_ENABLE_CONTROL_STEP_14 - MainProgram/POWER_SUPPLY_ENABLE_CONTROL - *14(OTE), 29(XIC)</i>		
	POWER_SUPPLY_ENABLE_CONTROL_STEP_VAL		
		5	DINT
	Constant	No	Thermal_Target_System_v2
	External Access:	Read/Write	
	<i>POWER_SUPPLY_ENABLE_CONTROL_STEP_VAL - MainProgram/MainRoutine - *0(MOV)</i> <i>POWER_SUPPLY_ENABLE_CONTROL_STEP_VAL - MainProgram/POWER_SUPPLY_ENABLE_CONTROL - *15(MOV), *16(MOV), *17(MOV), *18(MOV), *19(MOV), *20(MOV), *21(MOV), *22(MOV), *23(MOV), *24(MOV), *25(MOV), *26(MOV), *27(MOV), *28(MOV), *29(MOV), 0(EQU), 1(EQU), 10(EQU), 11(EQU), 12(EQU), 13(EQU), 14(EQU), 2(EQU), 3(EQU), 4(EQU), 5(EQU), 6(EQU), 7(EQU), 8(EQU), 9(EQU)</i>		
	POWER_SUPPLY_PS2_ENABLE		
		0	BOOL
	Constant	No	Thermal_Target_System_v2
	External Access:	Read/Write	
	<i>POWER_SUPPLY_PS2_ENABLE - MainProgram/MainRoutine - *38(OTE)</i> <i>POWER_SUPPLY_PS2_ENABLE - MainProgram/POWER_SUPPLY_ENABLE_CONTROL - 16(XIC), 16(XIO), 30(XIC)</i>		
	POWER_SUPPLY_PS3_ENABLE		
		0	BOOL
	Constant	No	Thermal_Target_System_v2
	External Access:	Read/Write	
			Logix Designer

POWER_SUPPLY_PS3_ENABLE (Continued)			
Constant	No		
External Access:	Read/Write		
<i>POWER_SUPPLY_PS3_ENABLE - MainProgram/MainRoutine - *39(OTE)</i>			
<i>POWER_SUPPLY_PS3_ENABLE - MainProgram/POWER_SUPPLY_ENABLE_CONTROL - 17(XIC), 17(XIO), 31(XIC)</i>			
 POWER_SUPPLY_PS4_ENABLE	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>POWER_SUPPLY_PS4_ENABLE - MainProgram/MainRoutine - *40(OTE)</i>			
<i>POWER_SUPPLY_PS4_ENABLE - MainProgram/POWER_SUPPLY_ENABLE_CONTROL - 18(XIC), 18(XIO), 32(XIC)</i>			
 POWER_SUPPLY_PS5_ENABLE	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>POWER_SUPPLY_PS5_ENABLE - MainProgram/MainRoutine - *41(OTE)</i>			
<i>POWER_SUPPLY_PS5_ENABLE - MainProgram/POWER_SUPPLY_ENABLE_CONTROL - 19(XIC), 19(XIO), 33(XIC)</i>			
 POWER_SUPPLY_PS6_ENABLE	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>POWER_SUPPLY_PS6_ENABLE - MainProgram/MainRoutine - *42(OTE)</i>			
<i>POWER_SUPPLY_PS6_ENABLE - MainProgram/POWER_SUPPLY_ENABLE_CONTROL - 20(XIC), 20(XIO), 34(XIC)</i>			
 POWER_SUPPLY_PS7_ENABLE	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>POWER_SUPPLY_PS7_ENABLE - MainProgram/MainRoutine - *43(OTE)</i>			
<i>POWER_SUPPLY_PS7_ENABLE - MainProgram/POWER_SUPPLY_ENABLE_CONTROL - 21(XIC), 21(XIO), 35(XIC)</i>			
 POWER_SUPPLY_ROUTINE_INITIALISE	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>POWER_SUPPLY_ROUTINE_INITIALISE - MainProgram/MainRoutine - *0(OTL)</i>			
<i>POWER_SUPPLY_ROUTINE_INITIALISE - MainProgram/POWER_SUPPLY_ENABLE_CONTROL - *16(OTU), 15(XIC), 23(XIC)</i>			
 POWER_SUPPLY_STEP_01_DWELL		TIMER	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>POWER_SUPPLY_STEP_01_DWELL - MainProgram/POWER_SUPPLY_ENABLE_CONTROL - *16(TON)</i>			
POWER_SUPPLY_STEP_01_DWELL.DN	0	BOOL	
<i>POWER_SUPPLY_STEP_01_DWELL.DN - MainProgram/POWER_SUPPLY_ENABLE_CONTROL - 16(XIC)</i>			
 POWER_SUPPLY_STEP_02_DWELL		TIMER	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		

ROTARY_MODE_SELECT_SW01_DECIMAL_VAL (Continued)			
	0	INT	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>ROTARY_MODE_SELECT_SW01_DECIMAL_VAL - MainProgram/MainRoutine - *35(FRD), 37(MOV)</i>			
 ROTARY_MODE_SELECT_SW01_MASK	2#0000_0000_0000_1111	INT	Thermal_Target_System_v2
Constant	Yes		
External Access:	Read/Write		
<i>ROTARY_MODE_SELECT_SW01_MASK - MainProgram/MainRoutine - 35(MVM)</i>			
 ROTARY_MODE_SELECT_SW01_POS_00	1	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>ROTARY_MODE_SELECT_SW01_POS_00 - MainProgram/MainRoutine - *2(OTE), 26(XIC), 38(XIC)</i>			
<i>ROTARY_MODE_SELECT_SW01_POS_00 - MainProgram/TIMER_PRESETS - 0(XIC)</i>			
 ROTARY_MODE_SELECT_SW01_POS_01	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>ROTARY_MODE_SELECT_SW01_POS_01 - MainProgram/MainRoutine - *3(OTE), 27(XIC), 38(XIC), 39(XIC)</i>			
<i>ROTARY_MODE_SELECT_SW01_POS_01 - MainProgram/TIMER_PRESETS - 1(XIC)</i>			
 ROTARY_MODE_SELECT_SW01_POS_02	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>ROTARY_MODE_SELECT_SW01_POS_02 - MainProgram/MainRoutine - *4(OTE), 28(XIC), 38(XIC), 39(XIC), 40(XIC)</i>			
<i>ROTARY_MODE_SELECT_SW01_POS_02 - MainProgram/TIMER_PRESETS - 2(XIC)</i>			
 ROTARY_MODE_SELECT_SW01_POS_03	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>ROTARY_MODE_SELECT_SW01_POS_03 - MainProgram/MainRoutine - *5(OTE), 29(XIC), 38(XIC), 39(XIC), 40(XIC), 41(XIC), 42(XIC), 43(XIC)</i>			
<i>ROTARY_MODE_SELECT_SW01_POS_03 - MainProgram/TIMER_PRESETS - 3(XIC)</i>			
 ROTARY_MODE_SELECT_SW01_POS_04	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>ROTARY_MODE_SELECT_SW01_POS_04 - MainProgram/MainRoutine - *6(OTE), 30(XIC), 38(XIC)</i>			
<i>ROTARY_MODE_SELECT_SW01_POS_04 - MainProgram/TIMER_PRESETS - 4(XIC)</i>			
 ROTARY_MODE_SELECT_SW01_POS_05	0	BOOL	Thermal_Target_System_v2
Constant	No		
External Access:	Read/Write		
<i>ROTARY_MODE_SELECT_SW01_POS_05 - MainProgram/MainRoutine - *7(OTE), 31(XIC), 38(XIC), 39(XIC)</i>			
<i>ROTARY_MODE_SELECT_SW01_POS_05 - MainProgram/TIMER_PRESETS - 5(XIC)</i>			

Thermal_Target_System_v2 - Tag Listing

Page 61

Thermal_Target_System_v2 (Controller)

23/02/2026 11:20:12

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

ROTARY_TIME_SELECT_SW02_MASK (Continued)				
ROTARY_TIME_SELECT_SW02_MASK - MainProgram/MainRoutine - 36(MVM)				
	ROTARY_TIME_SELECT_SW02_POS_00	1	BOOL	Thermal_Target_System_v2
Constant		No		
External Access:		Read/Write		
ROTARY_TIME_SELECT_SW02_POS_00 - MainProgram/MainRoutine - *14(OTE)				
ROTARY_TIME_SELECT_SW02_POS_00 - MainProgram/TIMER_PRESETS - 0(XIC), 1(XIC), 2(XIC), 3(XIC), 4(XIC), 5(XIC), 6(XIC), 7(XIC)				
	ROTARY_TIME_SELECT_SW02_POS_01	0	BOOL	Thermal_Target_System_v2
Constant		No		
External Access:		Read/Write		
ROTARY_TIME_SELECT_SW02_POS_01 - MainProgram/MainRoutine - *15(OTE)				
ROTARY_TIME_SELECT_SW02_POS_01 - MainProgram/TIMER_PRESETS - 0(XIC), 1(XIC), 2(XIC), 3(XIC), 4(XIC), 5(XIC), 6(XIC), 7(XIC)				
	ROTARY_TIME_SELECT_SW02_POS_02	0	BOOL	Thermal_Target_System_v2
Constant		No		
External Access:		Read/Write		
ROTARY_TIME_SELECT_SW02_POS_02 - MainProgram/MainRoutine - *16(OTE)				
ROTARY_TIME_SELECT_SW02_POS_02 - MainProgram/TIMER_PRESETS - 0(XIC), 1(XIC), 2(XIC), 3(XIC), 4(XIC), 5(XIC), 6(XIC), 7(XIC)				
	ROTARY_TIME_SELECT_SW02_POS_03	0	BOOL	Thermal_Target_System_v2
Constant		No		
External Access:		Read/Write		
ROTARY_TIME_SELECT_SW02_POS_03 - MainProgram/MainRoutine - *17(OTE)				
ROTARY_TIME_SELECT_SW02_POS_03 - MainProgram/TIMER_PRESETS - 0(XIC), 1(XIC), 2(XIC), 3(XIC), 4(XIC), 5(XIC), 6(XIC), 7(XIC)				
	ROTARY_TIME_SELECT_SW02_POS_04	0	BOOL	Thermal_Target_System_v2
Constant		No		
External Access:		Read/Write		
ROTARY_TIME_SELECT_SW02_POS_04 - MainProgram/MainRoutine - *18(OTE)				
ROTARY_TIME_SELECT_SW02_POS_04 - MainProgram/TIMER_PRESETS - 0(XIC), 1(XIC), 2(XIC), 3(XIC), 4(XIC), 5(XIC), 6(XIC), 7(XIC)				
	ROTARY_TIME_SELECT_SW02_POS_05	0	BOOL	Thermal_Target_System_v2
Constant		No		
External Access:		Read/Write		
ROTARY_TIME_SELECT_SW02_POS_05 - MainProgram/MainRoutine - *19(OTE)				
ROTARY_TIME_SELECT_SW02_POS_05 - MainProgram/TIMER_PRESETS - 0(XIC), 1(XIC), 2(XIC), 3(XIC), 4(XIC), 5(XIC), 6(XIC), 7(XIC)				
	ROTARY_TIME_SELECT_SW02_POS_06	0	BOOL	Thermal_Target_System_v2
Constant		No		
External Access:		Read/Write		
ROTARY_TIME_SELECT_SW02_POS_06 - MainProgram/MainRoutine - *20(OTE)				
ROTARY_TIME_SELECT_SW02_POS_06 - MainProgram/TIMER_PRESETS - 0(XIC), 1(XIC), 2(XIC), 3(XIC), 4(XIC), 5(XIC), 6(XIC), 7(XIC)				
	ROTARY TIME SELECT SW02_POS_07	0	BOOL	Thermal Target System v2

Thermal_Target_System_v2 - Tag Listing

Thermal_Target_System_v2 (Controller)

Page 63

23/02/2026 11:20:12

C:\Users\Vector\Documents\Studio 5000\Projects\Thermal Target System v2.ACD

ROTARY_TIME_SELECT_SW02_POS_07 (Continued)

ConstantNo

External Access:Read/Write

ROTARY_TIME_SELECT_SW02_POS_07 - MainProgram/MainRoutine - *21(OTE)

ROTARY_TIME_SELECT_SW02_POS_07 - MainProgram/TIMER_PRESETS - 0(XIC), 1(XIC), 2(XIC), 3(XIC), 4(XIC), 5(XIC), 6(XIC), 7(XIC)

ROTARY_TIME_SELECT_SW02_POS_08

0

BOOL

Thermal_Target_System_v2

ConstantNo

External Access:Read/Write

ROTARY_TIME_SELECT_SW02_POS_08 - MainProgram/MainRoutine - *22(OTE)

ROTARY_TIME_SELECT_SW02_POS_08 - MainProgram/TIMER_PRESETS - 0(XIC), 1(XIC), 2(XIC), 3(XIC), 4(XIC), 5(XIC), 6(XIC), 7(XIC)

ROTARY_TIME_SELECT_SW02_POS_09

0

BOOL

Thermal_Target_System_v2

ConstantNo

External Access:Read/Write

ROTARY_TIME_SELECT_SW02_POS_09 - MainProgram/MainRoutine - *23(OTE)

ROTARY_TIME_SELECT_SW02_POS_09 - MainProgram/TIMER_PRESETS - 0(XIC), 1(XIC), 2(XIC), 3(XIC), 4(XIC), 5(XIC), 6(XIC), 7(XIC)

ROTARY_TIME_SELECT_SW02_POS_10

0

BOOL

Thermal_Target_System_v2

ConstantNo

External Access:Read/Write

ROTARY_TIME_SELECT_SW02_POS_10 - MainProgram/MainRoutine - *24(OTE)

ROTARY_TIME_SELECT_SW02_POS_10 - MainProgram/TIMER_PRESETS - 0(XIC), 1(XIC), 2(XIC), 3(XIC), 4(XIC), 5(XIC), 6(XIC), 7(XIC)

ROTARY_TIME_SELECT_SW02_POS_11

0

BOOL

Thermal_Target_System_v2

ConstantNo

External Access:Read/Write

ROTARY_TIME_SELECT_SW02_POS_11 - MainProgram/MainRoutine - *25(OTE)

ROTARY_TIME_SELECT_SW02_POS_11 - MainProgram/TIMER_PRESETS - 0(XIC), 1(XIC), 2(XIC), 3(XIC), 4(XIC), 5(XIC), 6(XIC), 7(XIC)

SYSTEM_FAULT

0

BOOL

Thermal_Target_System_v2

ConstantNo

External Access:Read/Write

SYSTEM_FAULT - MainProgram/MainRoutine - *44(OTE), 45(XIO), 49(XIC)

SYSTEM_HEALTHY

0

BOOL

Thermal_Target_System_v2

ConstantNo

External Access:Read/Write

SYSTEM_HEALTHY - MainProgram/MainRoutine - *45(OTE), 47(XIC)

SYSTEM_HEALTHY - MainProgram/MODE_01 - 12(XIC)

SYSTEM_HEALTHY - MainProgram/MODE_02 - 12(XIC)

SYSTEM_HEALTHY - MainProgram/MODE_03 - 12(XIC)

SYSTEM_HEALTHY - MainProgram/MODE_04 - 12(XIC)

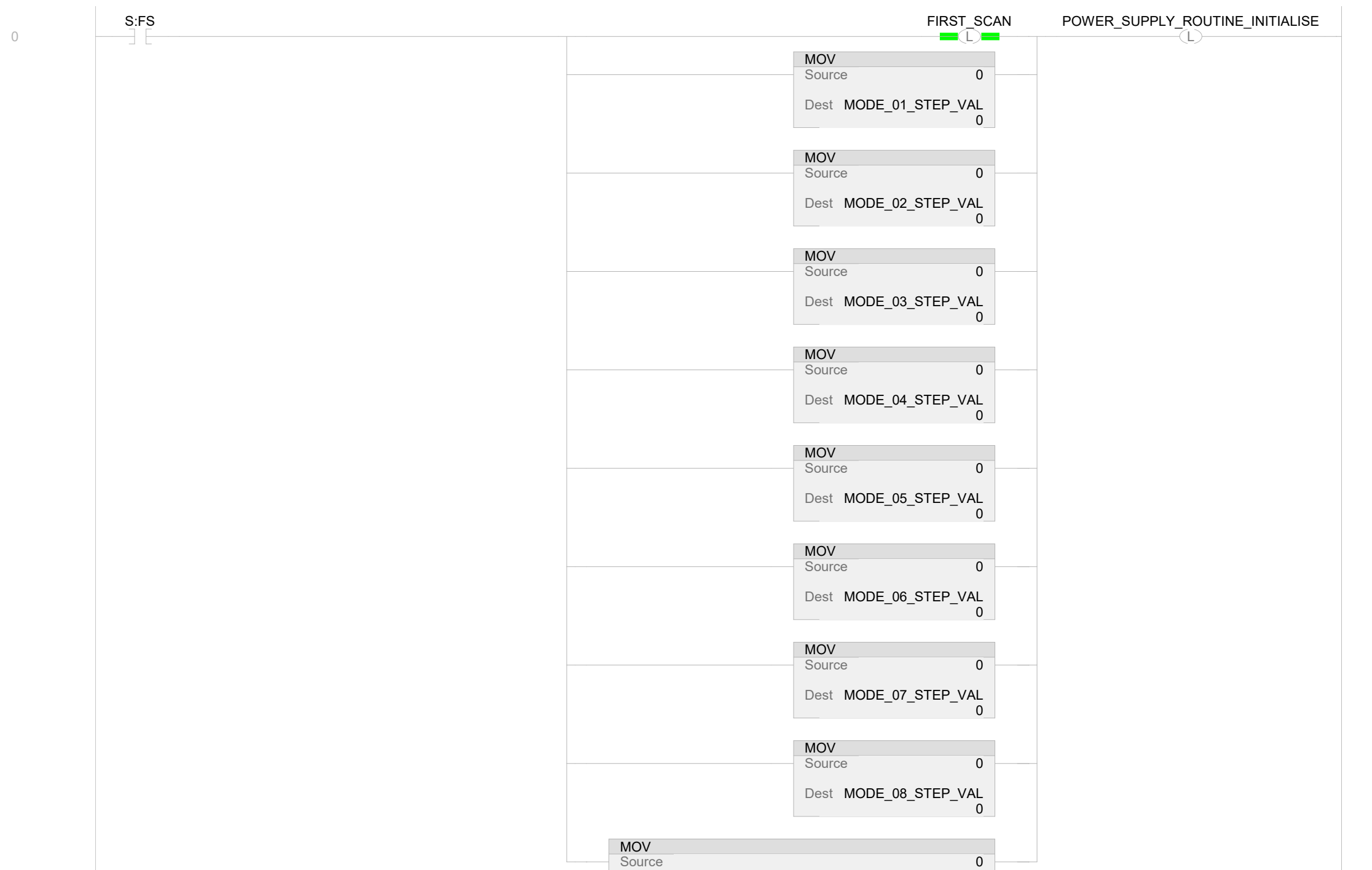
SYSTEM_HEALTHY - MainProgram/MODE_05 - 12(XIC)

SYSTEM_HEALTHY - MainProgram/MODE_06 - 12(XIC)

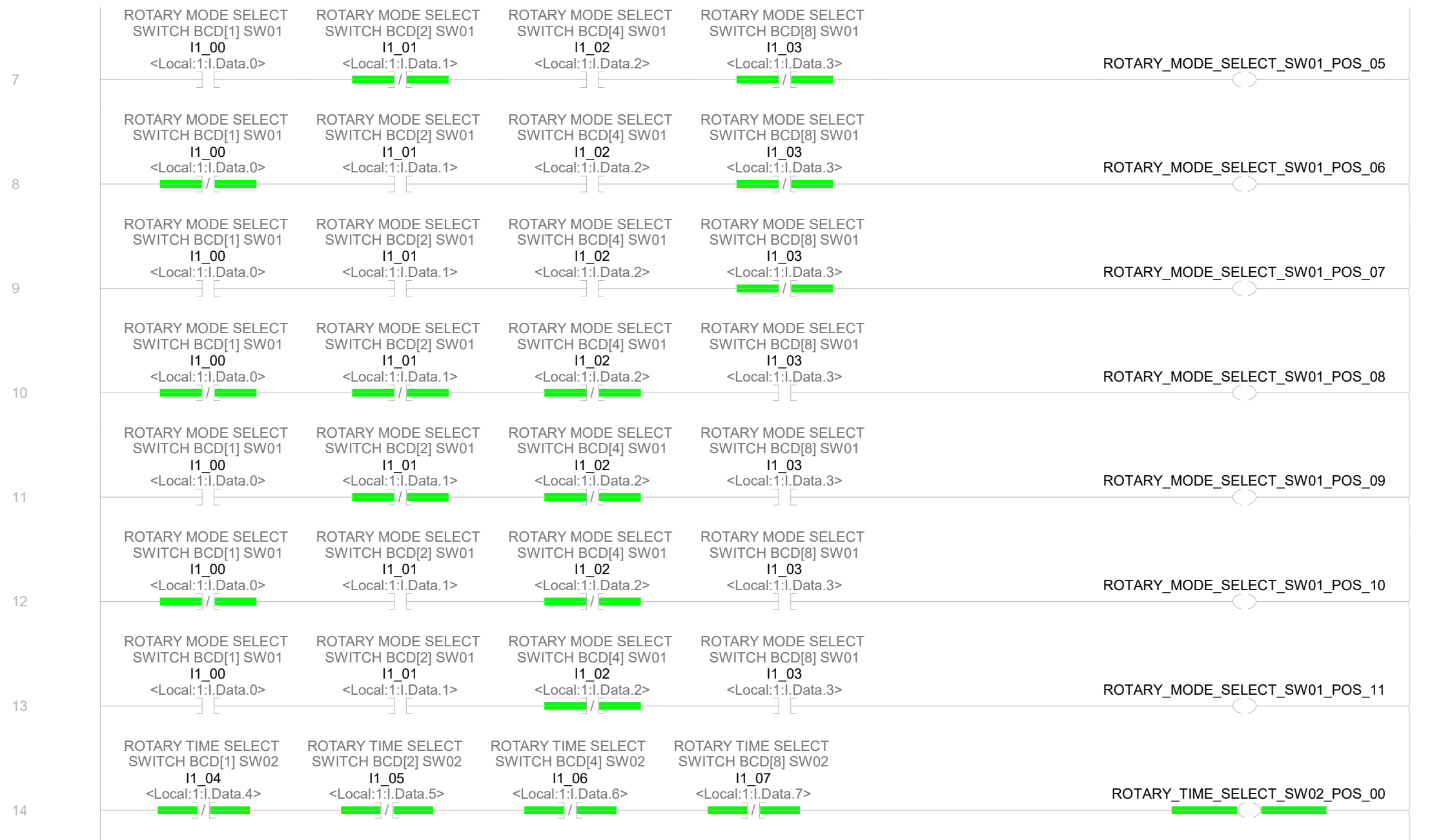
SYSTEM_HEALTHY - MainProgram/MODE_07 - 12(XIC)

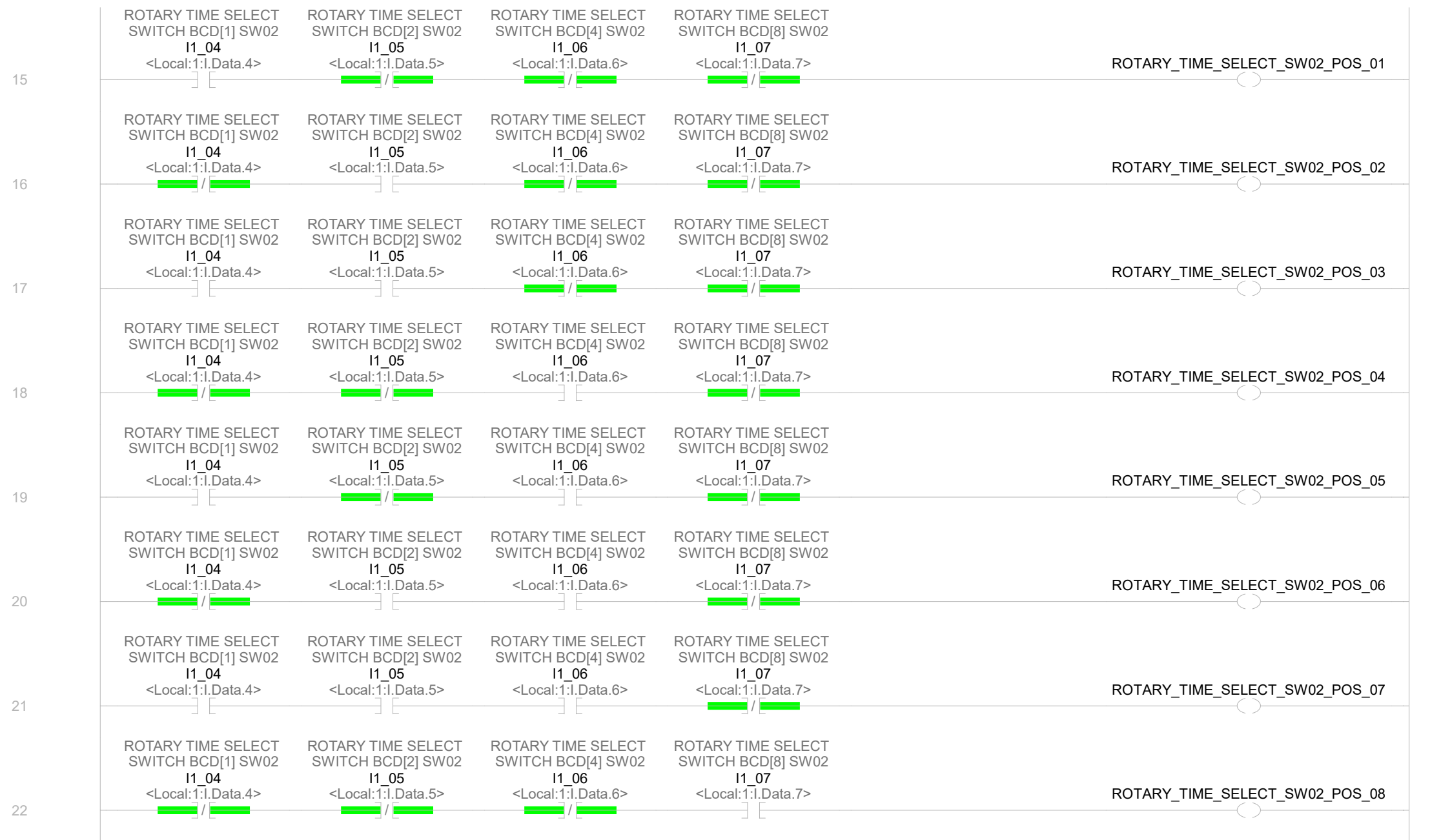
Logix Designer

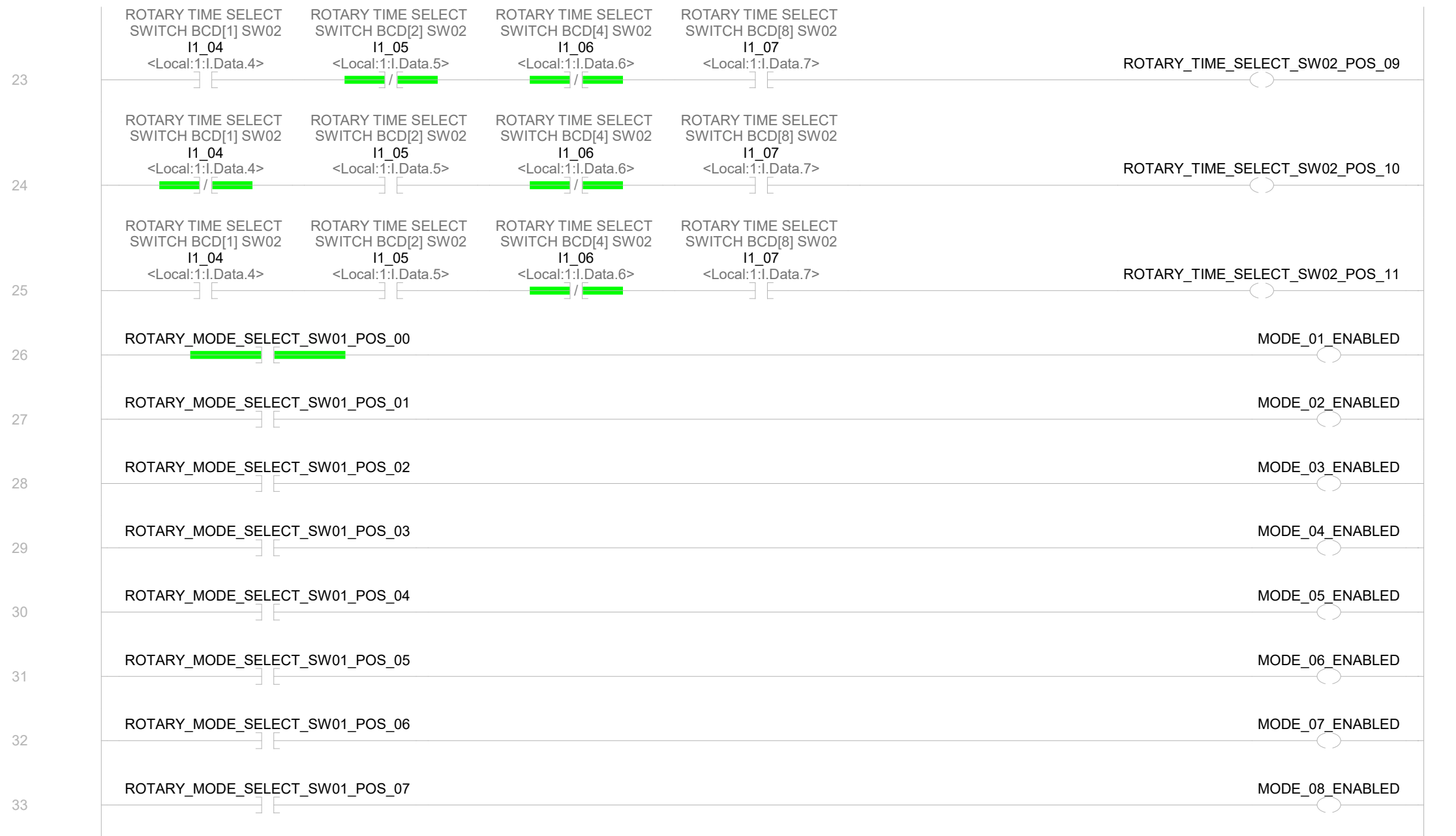
SYSTEM_HEALTHY (Continued) SYSTEM_HEALTHY - MainProgram/MODE_08 - 12(XIC)				
TIMER_ON_PRESET_VAL	Constant	No	DINT[10]	Thermal_Target_System_v2
	External Access:	Read/Write		
	TIMER_ON_PRESET_VAL - MainProgram/MainRoutine - 37(MOV)			
TIMER_ON_VAL	Constant	9000	DINT	Thermal_Target_System_v2
	External Access:	No		
	TIMER_ON_VAL - MainProgram/MainRoutine - *37(MOV), 37(MOV)			
TWELVE_VOLTS_HEALTHY	Constant	0	BOOL	Thermal_Target_System_v2
	External Access:	+12V HEALTHY		
	TWELVE_VOLTS_HEALTHY - MainProgram/MainRoutine - *48(OTE), 44(XIO)			











ROTARY SWITCH 01 - POSITION 12 - RESET POSITION

ROTARY_MODE_SELECT_SW01_POS_11

MOV	
Source	0
Dest	MODE_01_STEP_VAL
	0

MOV	
Source	0
Dest	MODE_02_STEP_VAL
	0

MOV	
Source	0
Dest	MODE_03_STEP_VAL
	0

MOV	
Source	0
Dest	MODE_04_STEP_VAL
	0

MOV	
Source	0
Dest	MODE_05_STEP_VAL
	0

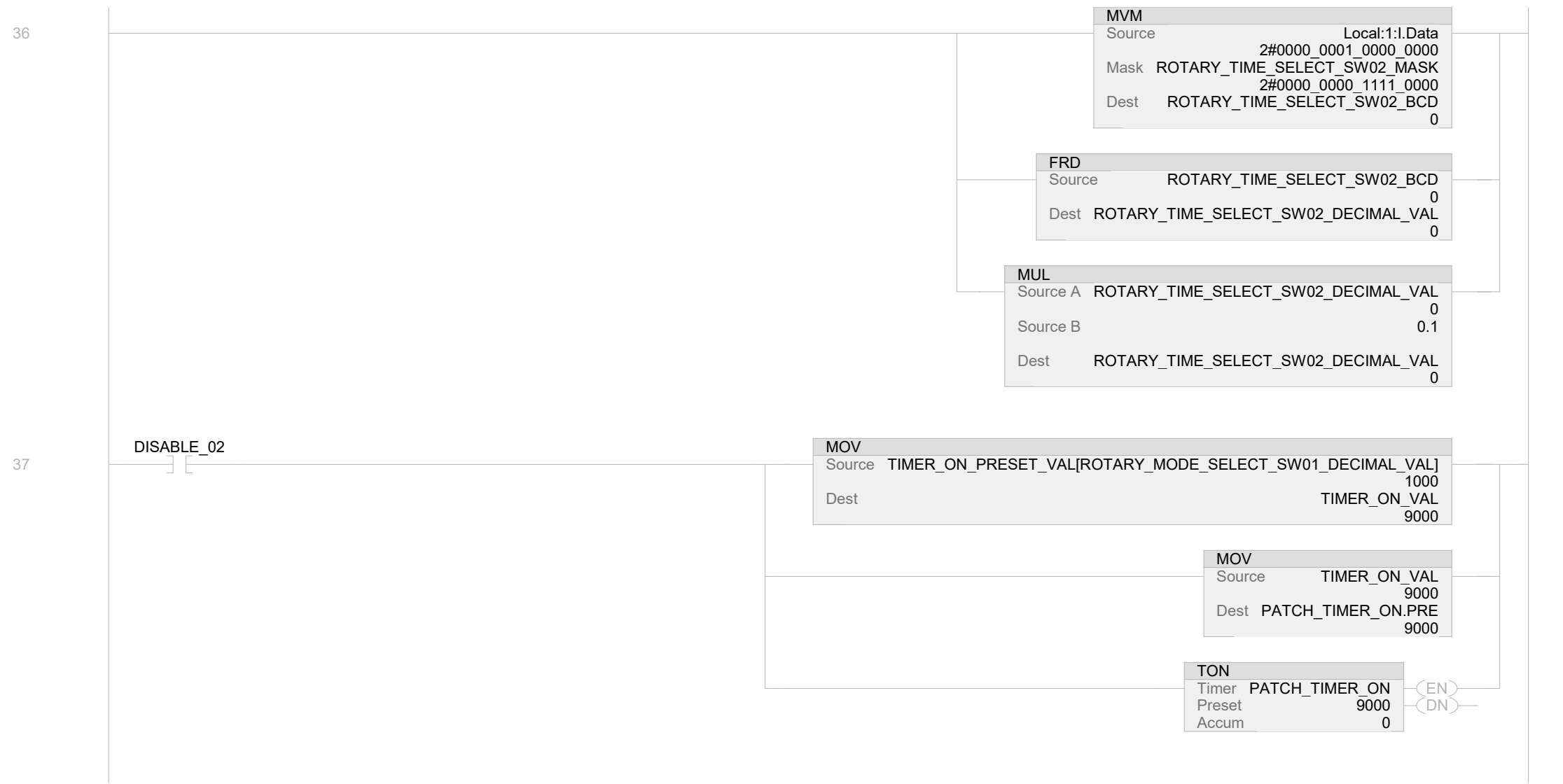
MOV	
Source	0
Dest	MODE_06_STEP_VAL
	0

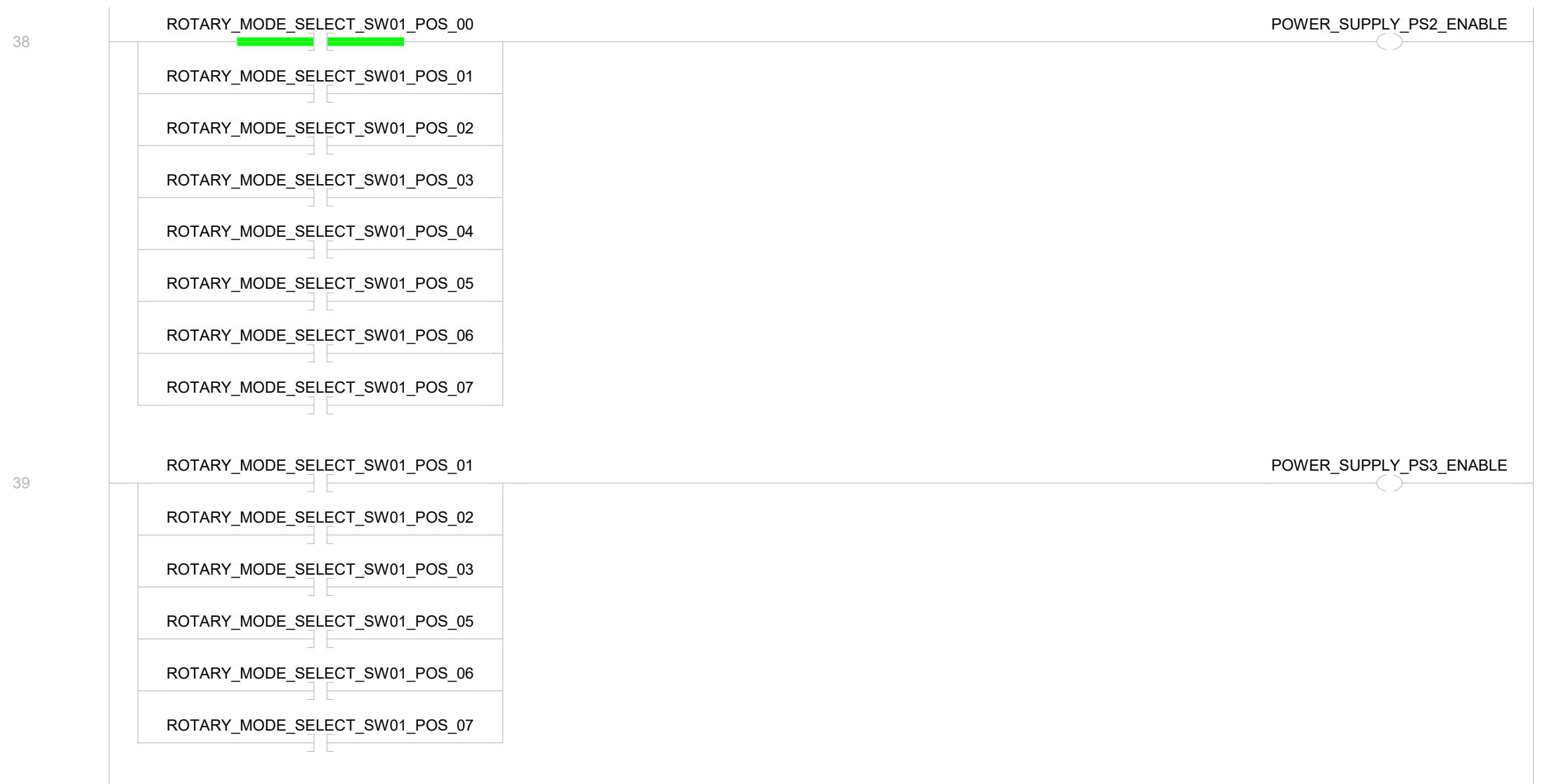
MOV	
Source	0
Dest	MODE_07_STEP_VAL
	0

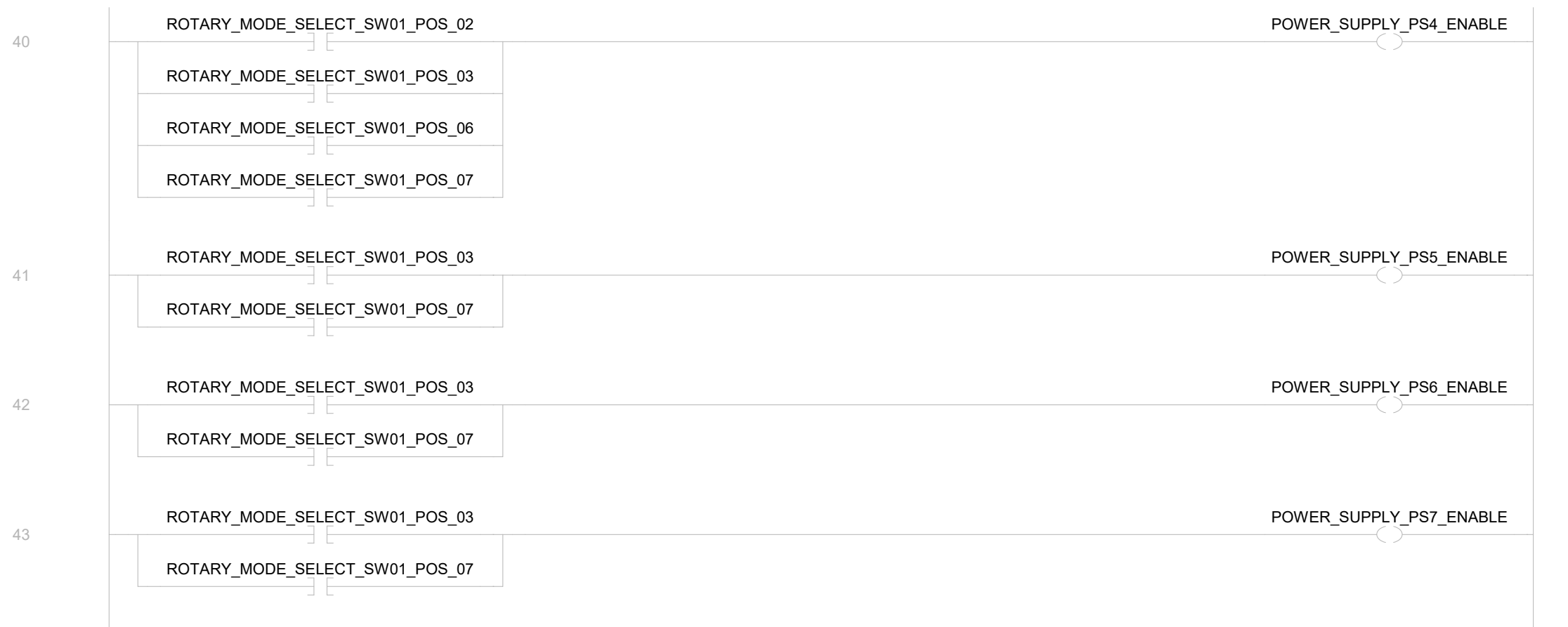
MOV	
Source	0
Dest	MODE_08_STEP_VAL
	0

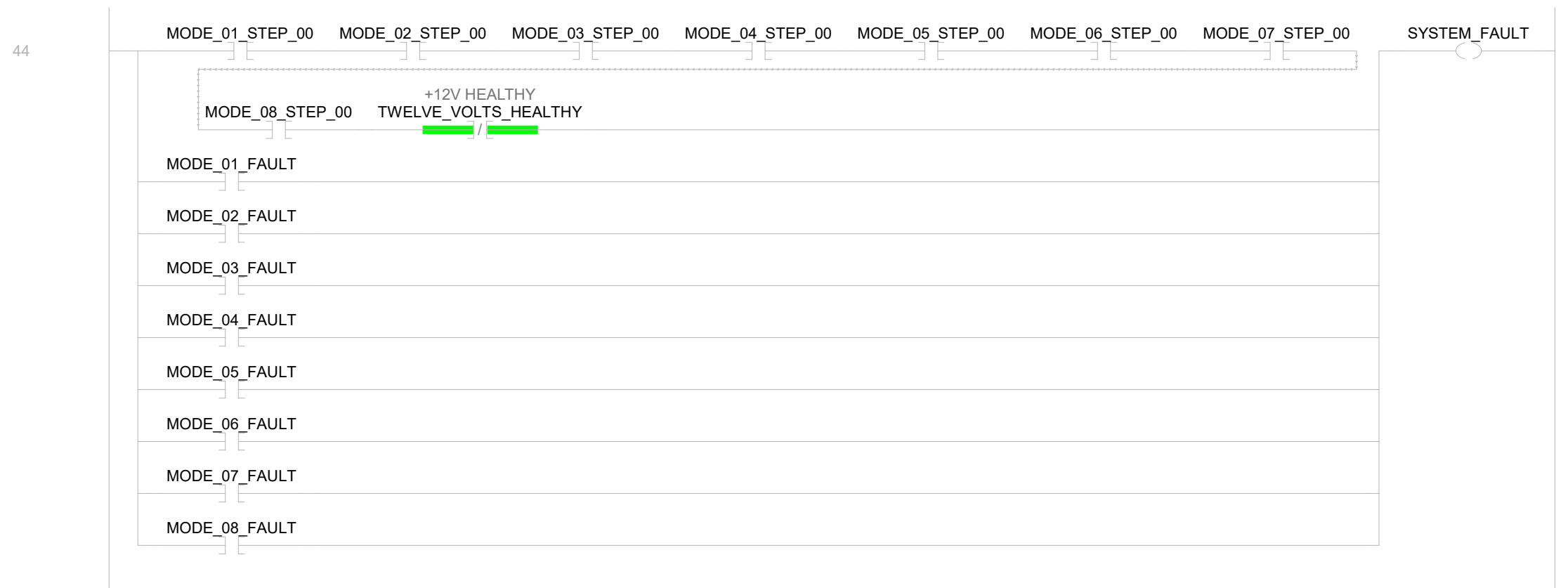
MVM	
Source	Local:1:I.Data
	2#0000_0001_0000_0000
Mask	ROTARY_MODE_SELECT_SW01_MASK
	2#0000_0000_0000_1111
Dest	ROTARY_MODE_SELECT_SW01_BCD
	0

FRD	
Source	ROTARY_MODE_SELECT_SW01_BCD
	0
Dest	ROTARY_MODE_SELECT_SW01_DECIMAL_VAL
	0



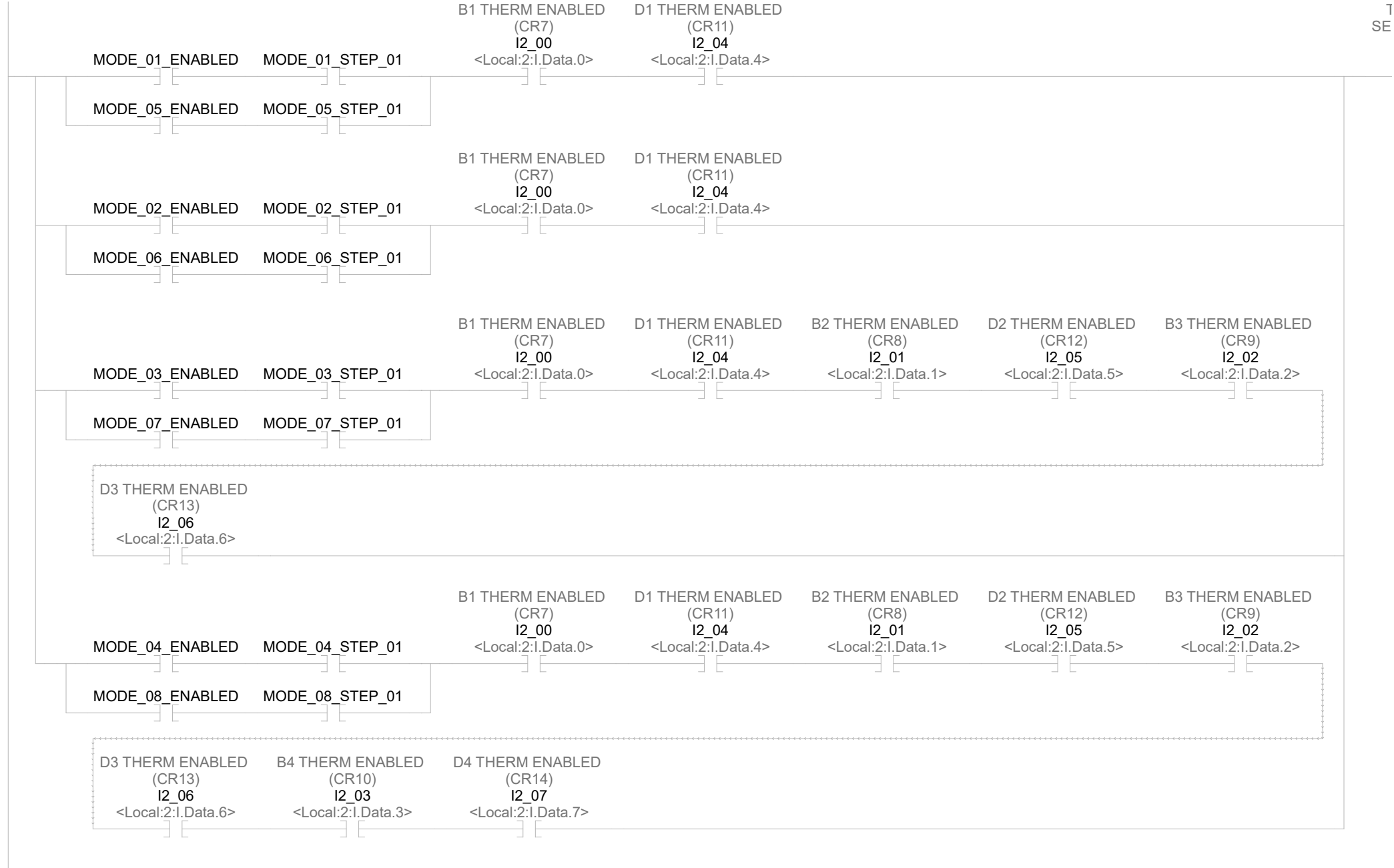








50

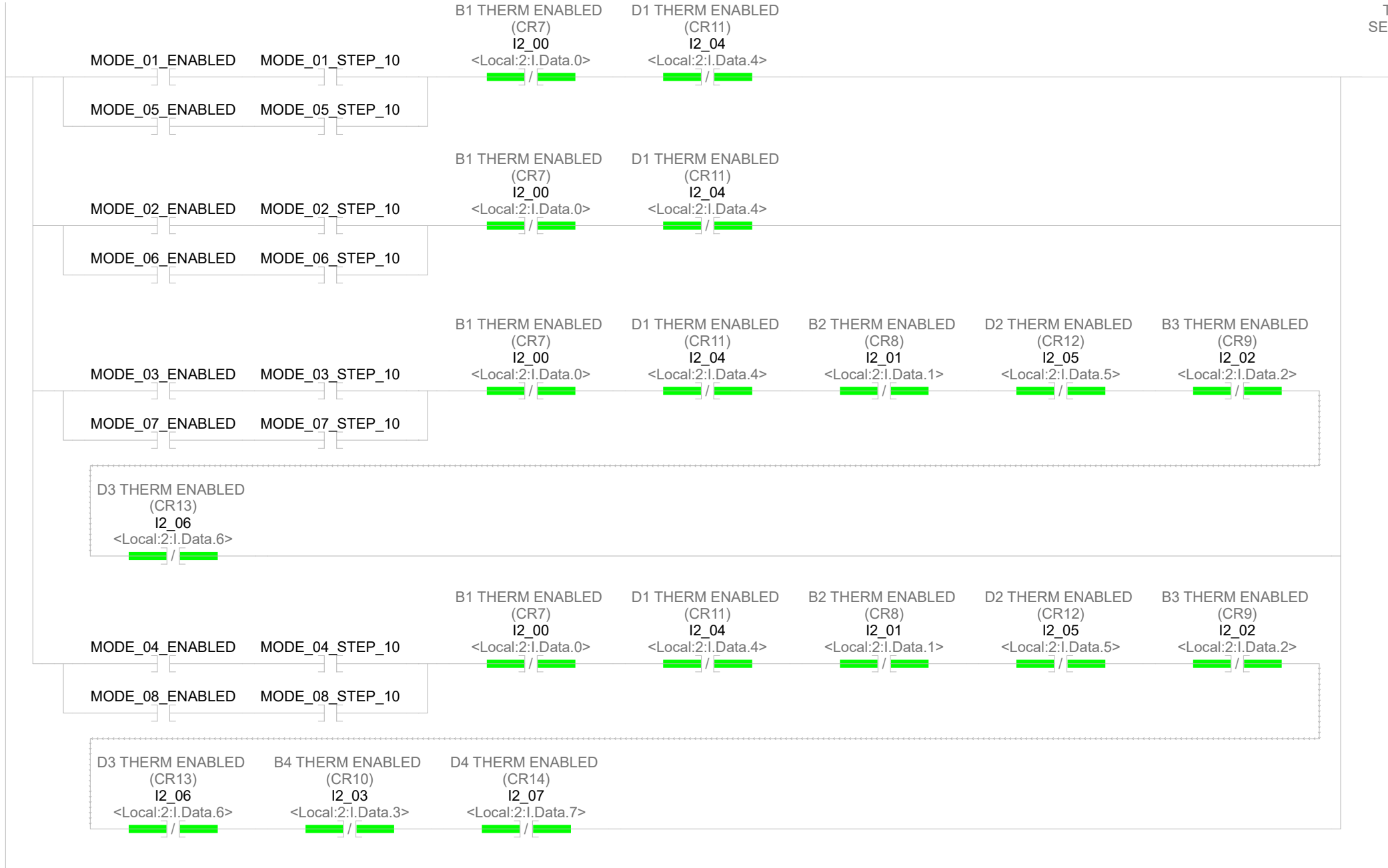


IERMAL ENABLE
ECT SWITCH SW03
I1_08
Local:1:I.Data.8>

TON	
Timer	ON_TIMER_VAL
Preset	0
Accum	0



51



IERMAL ENABLE
ECT SWITCH SW03

I1_08

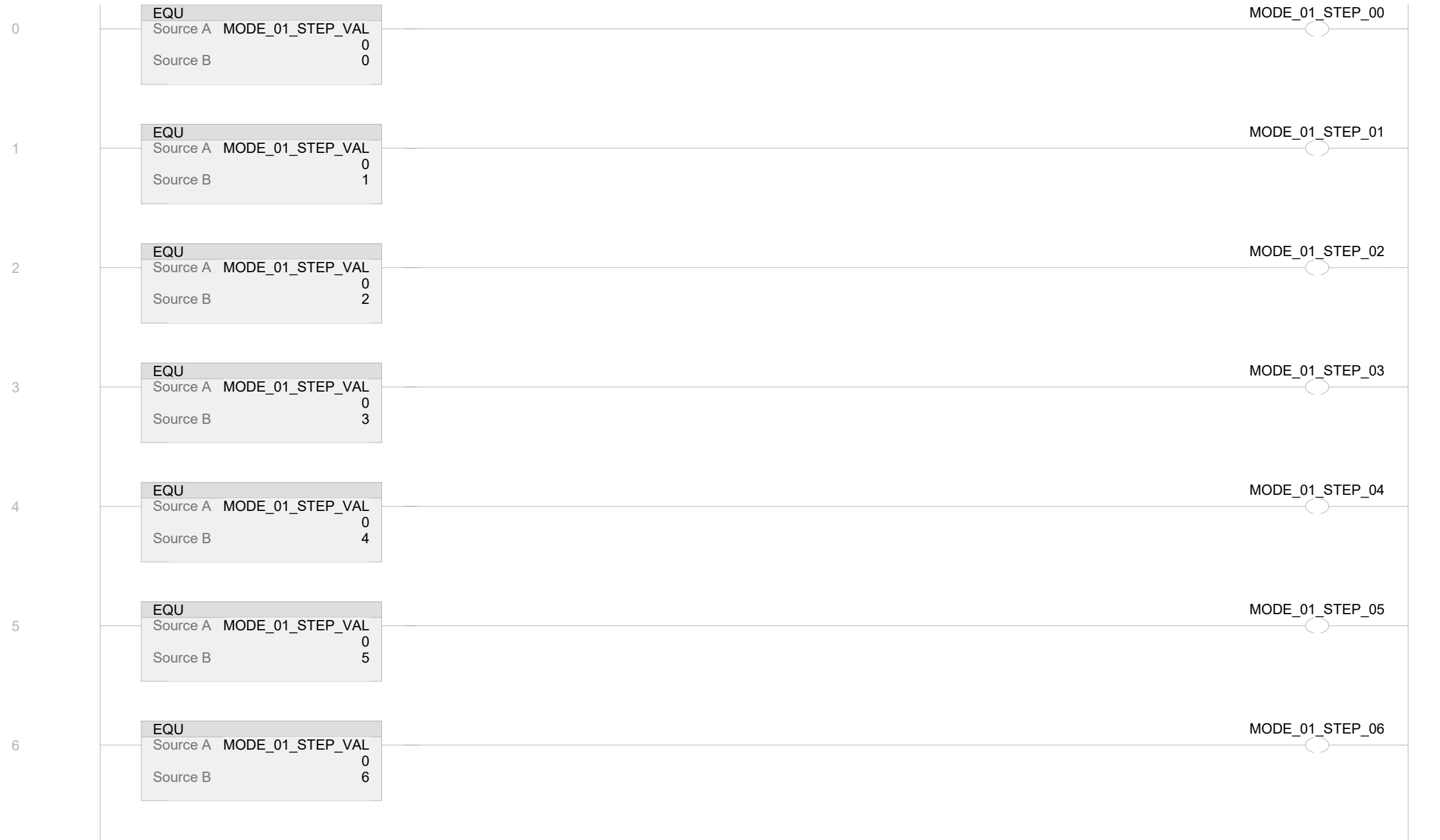
Local:1:I.Data.8>

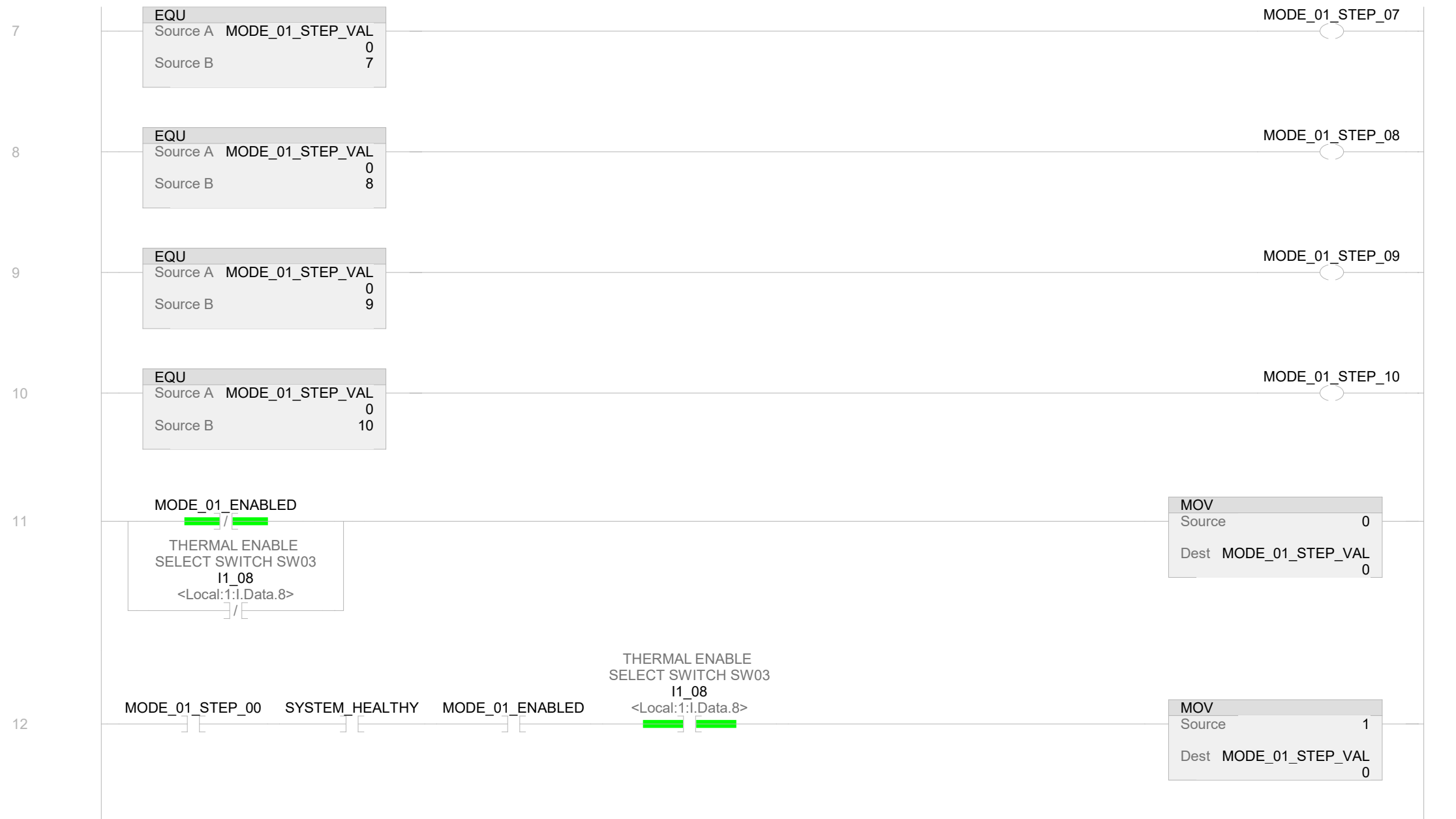


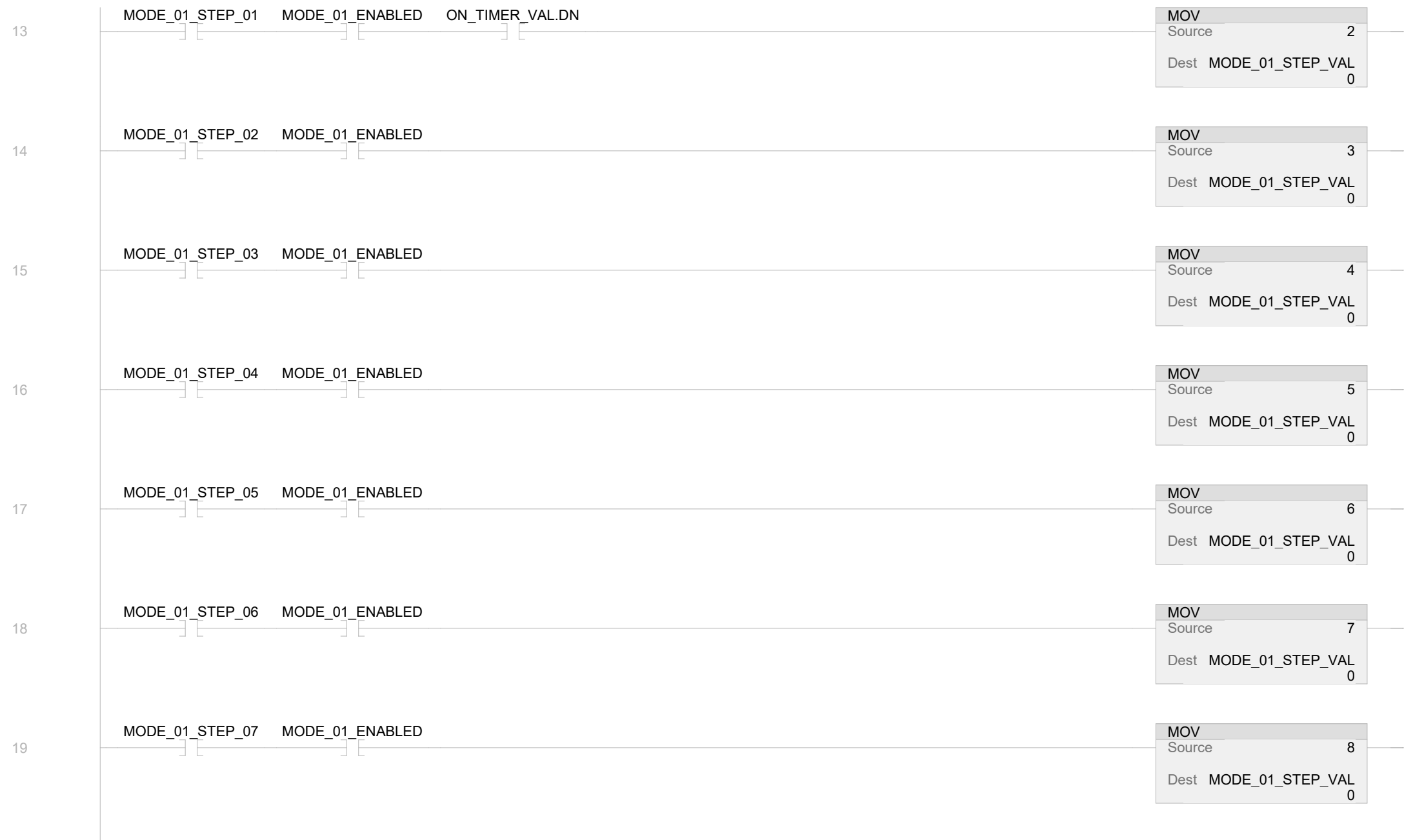
TON	
Timer	OFF_TIMER_VAL
Preset	0
Accum	0

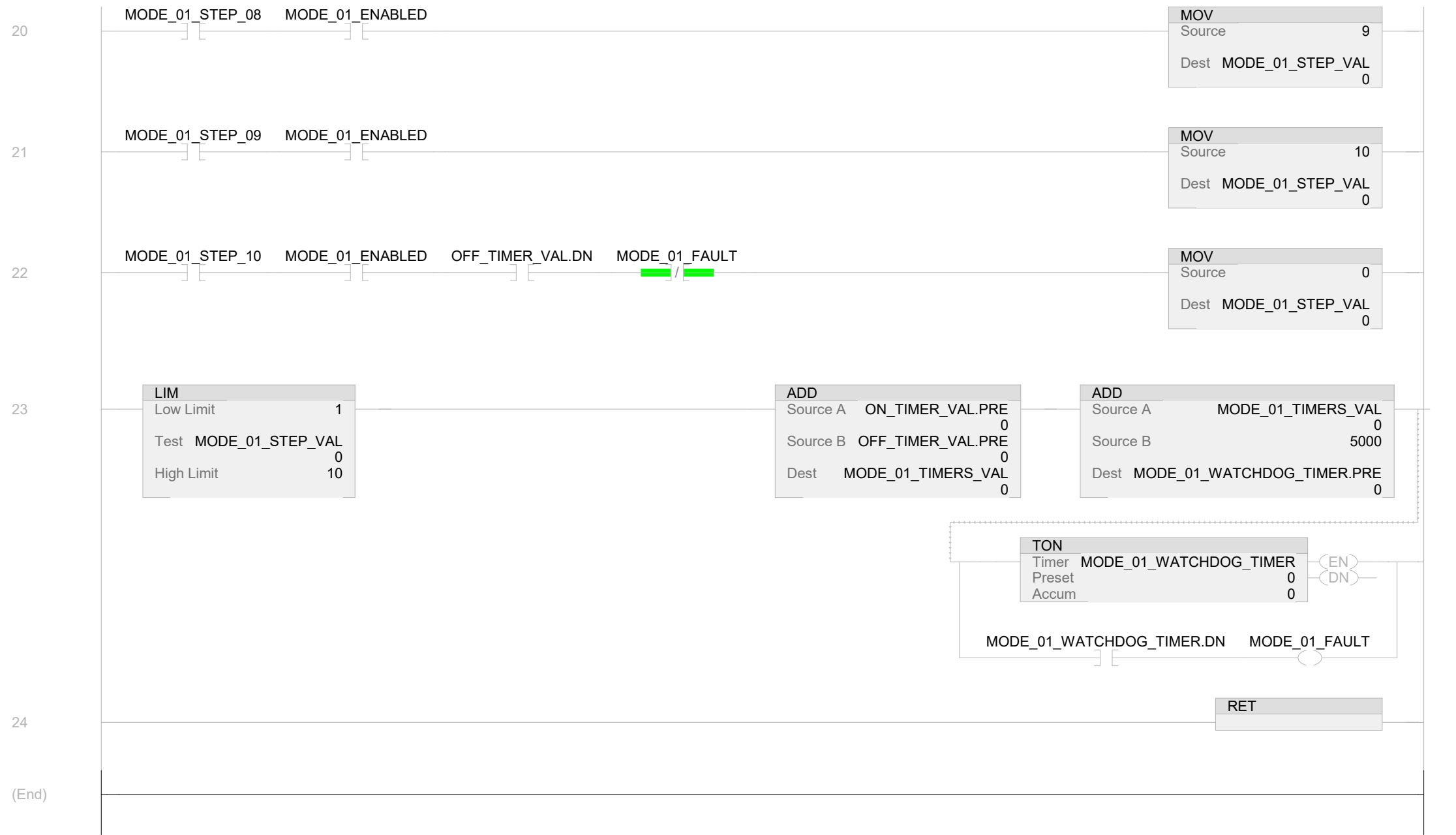


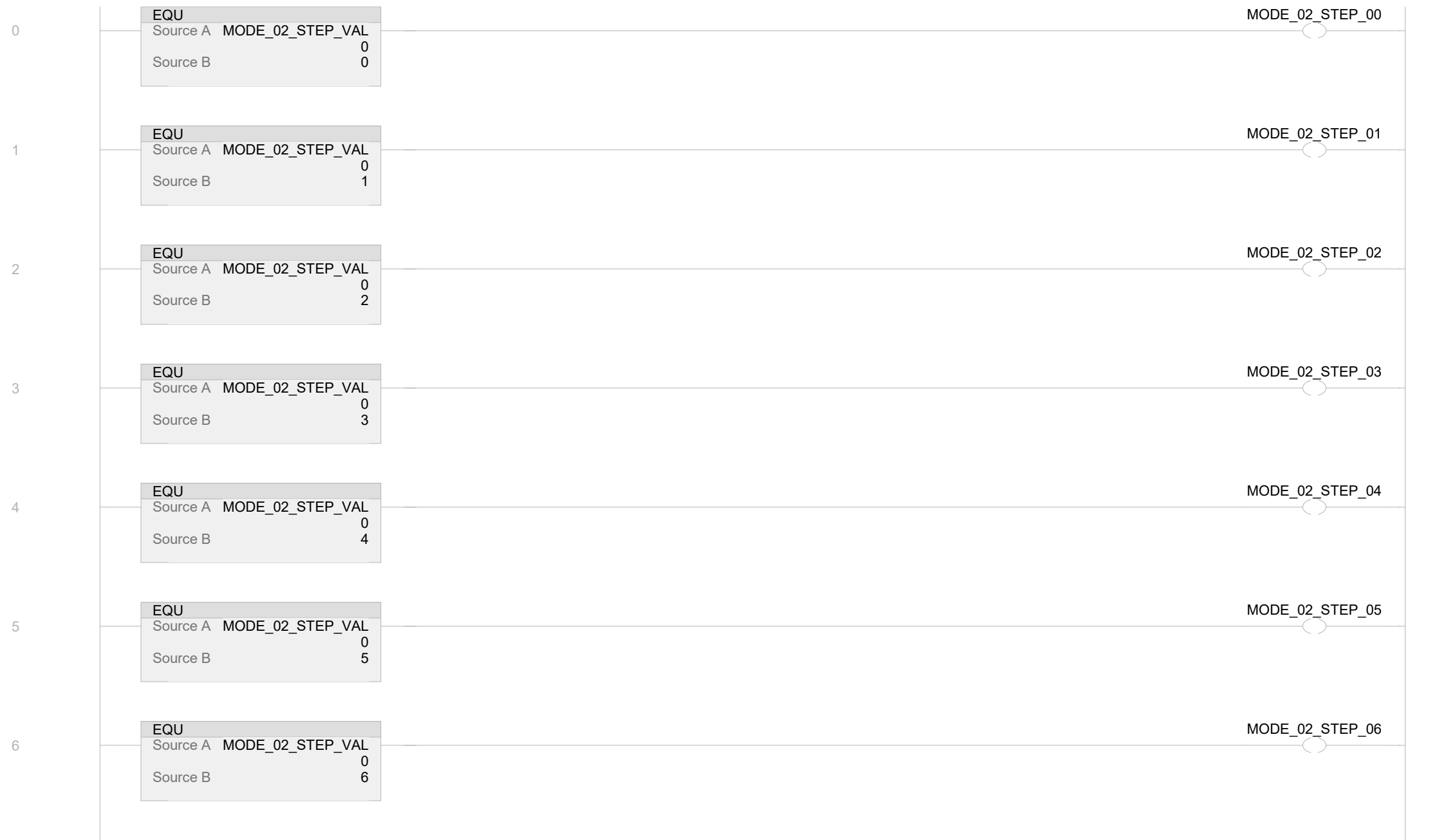
(End)

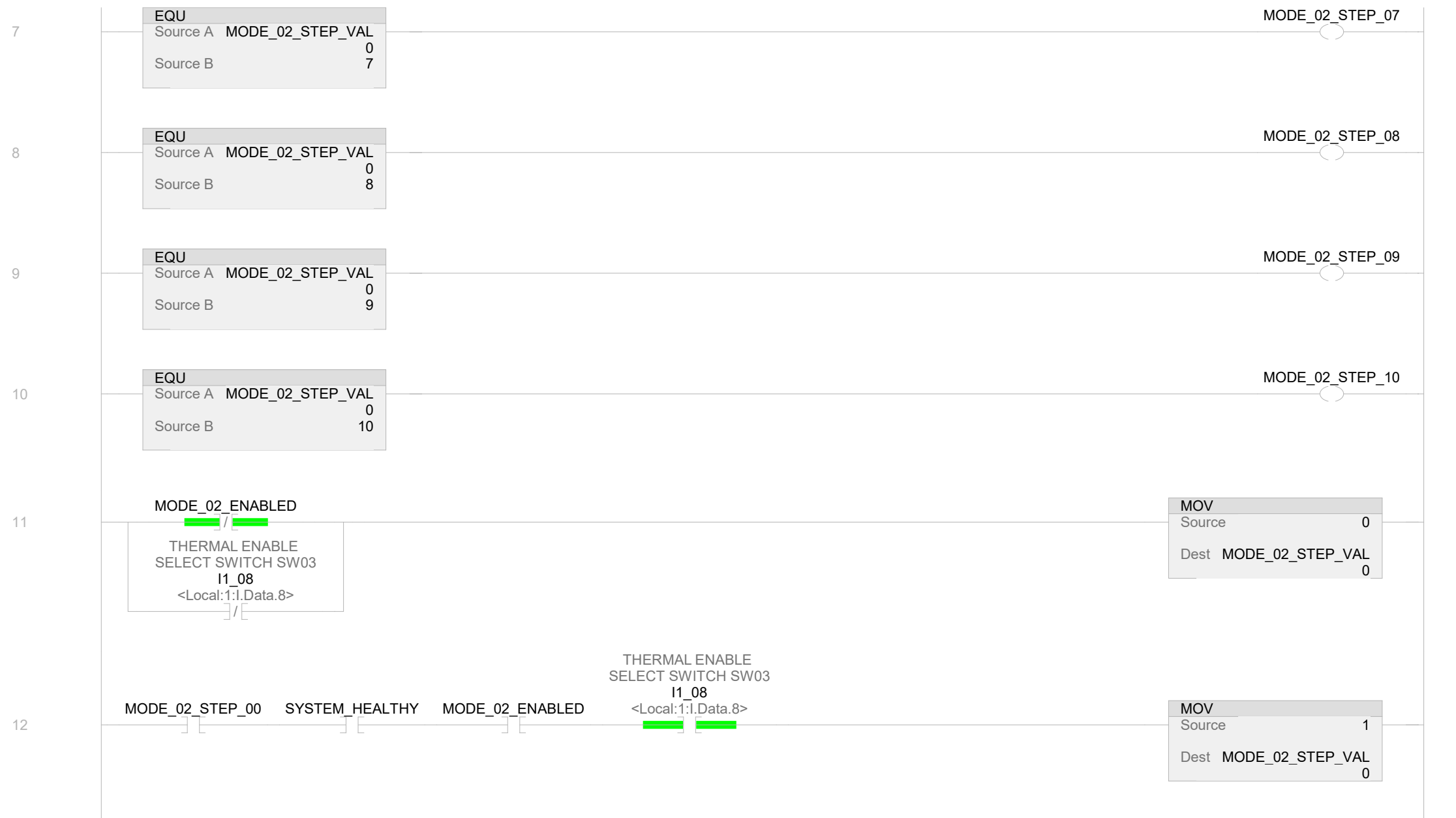


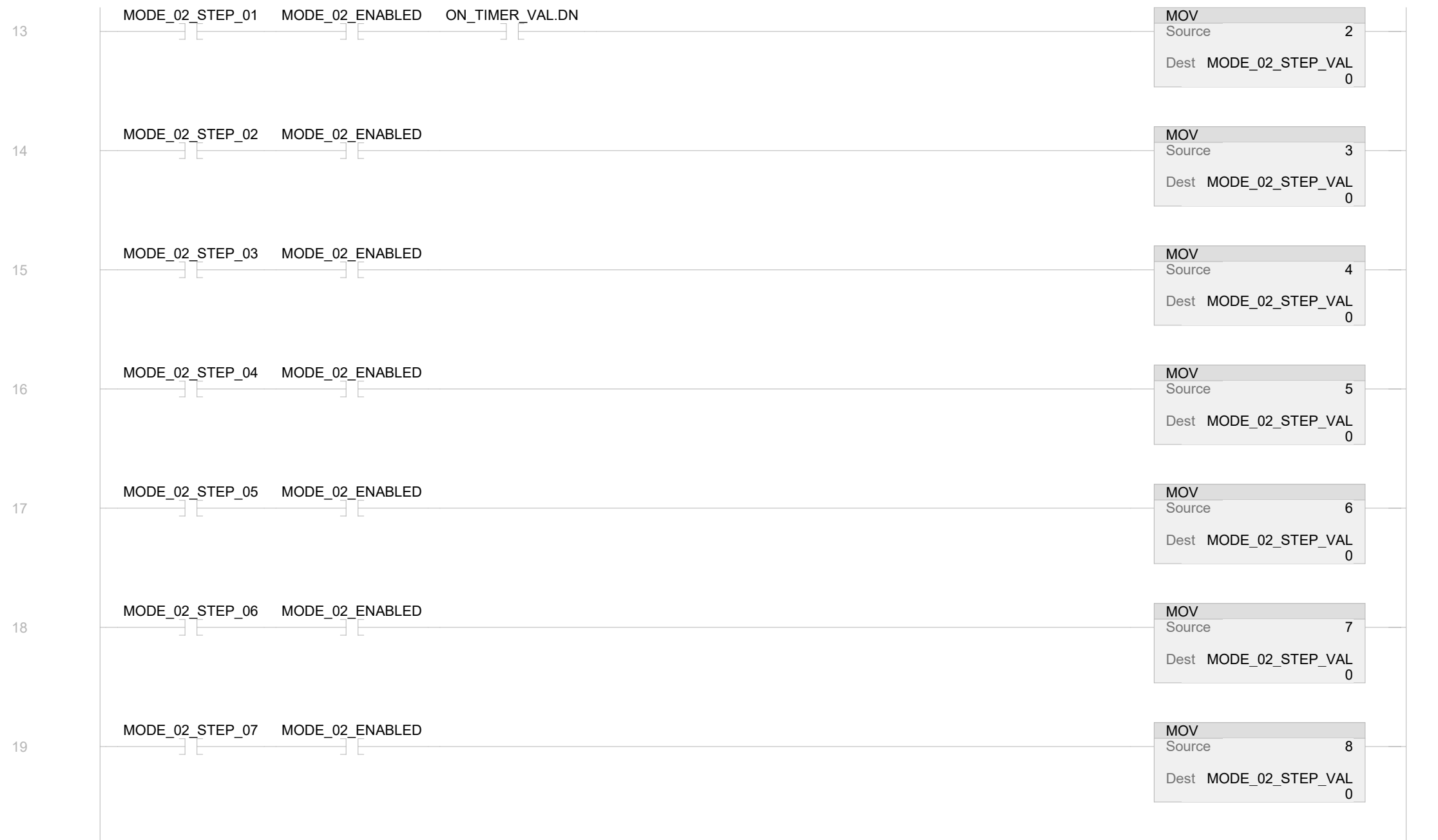


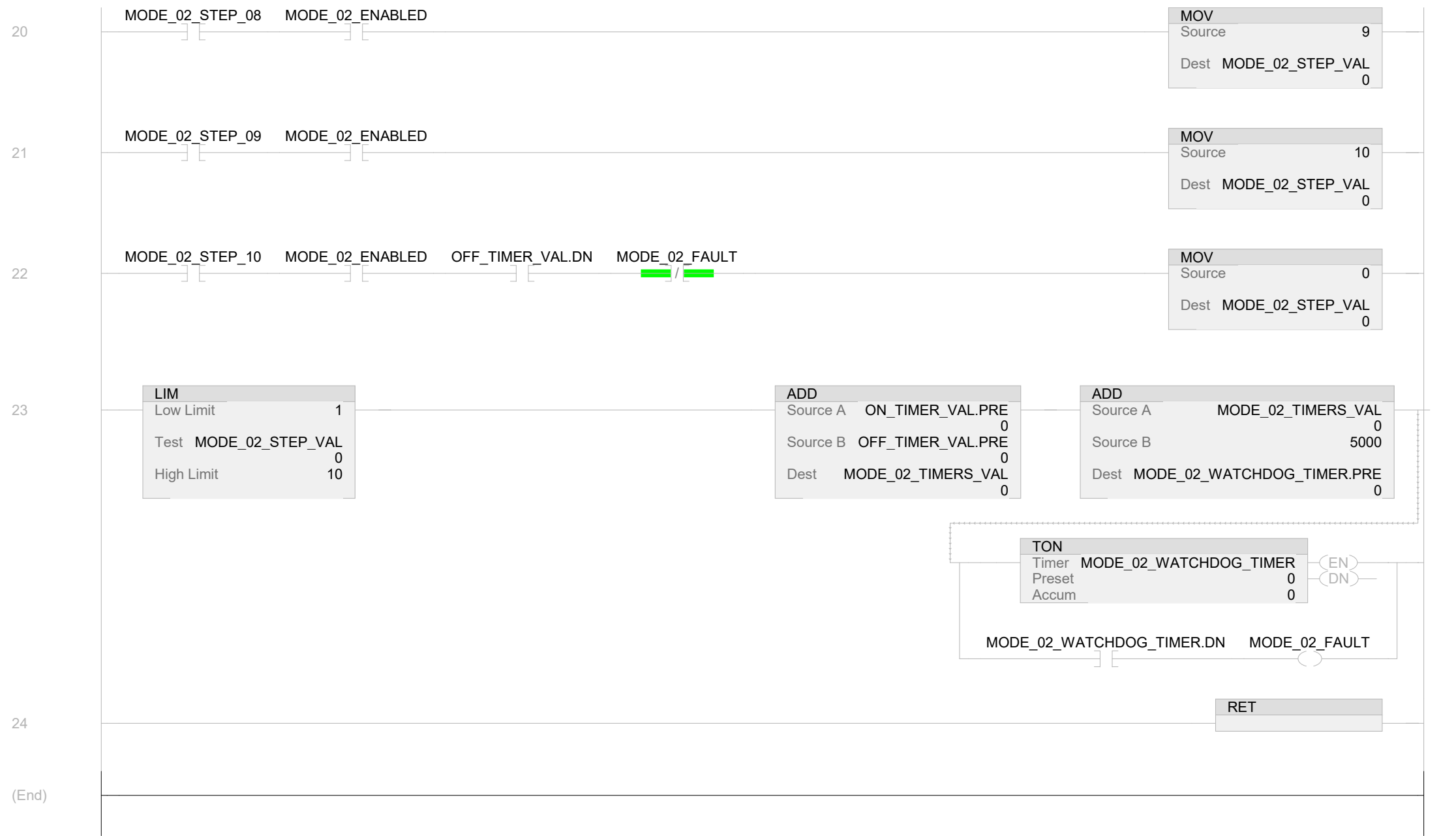


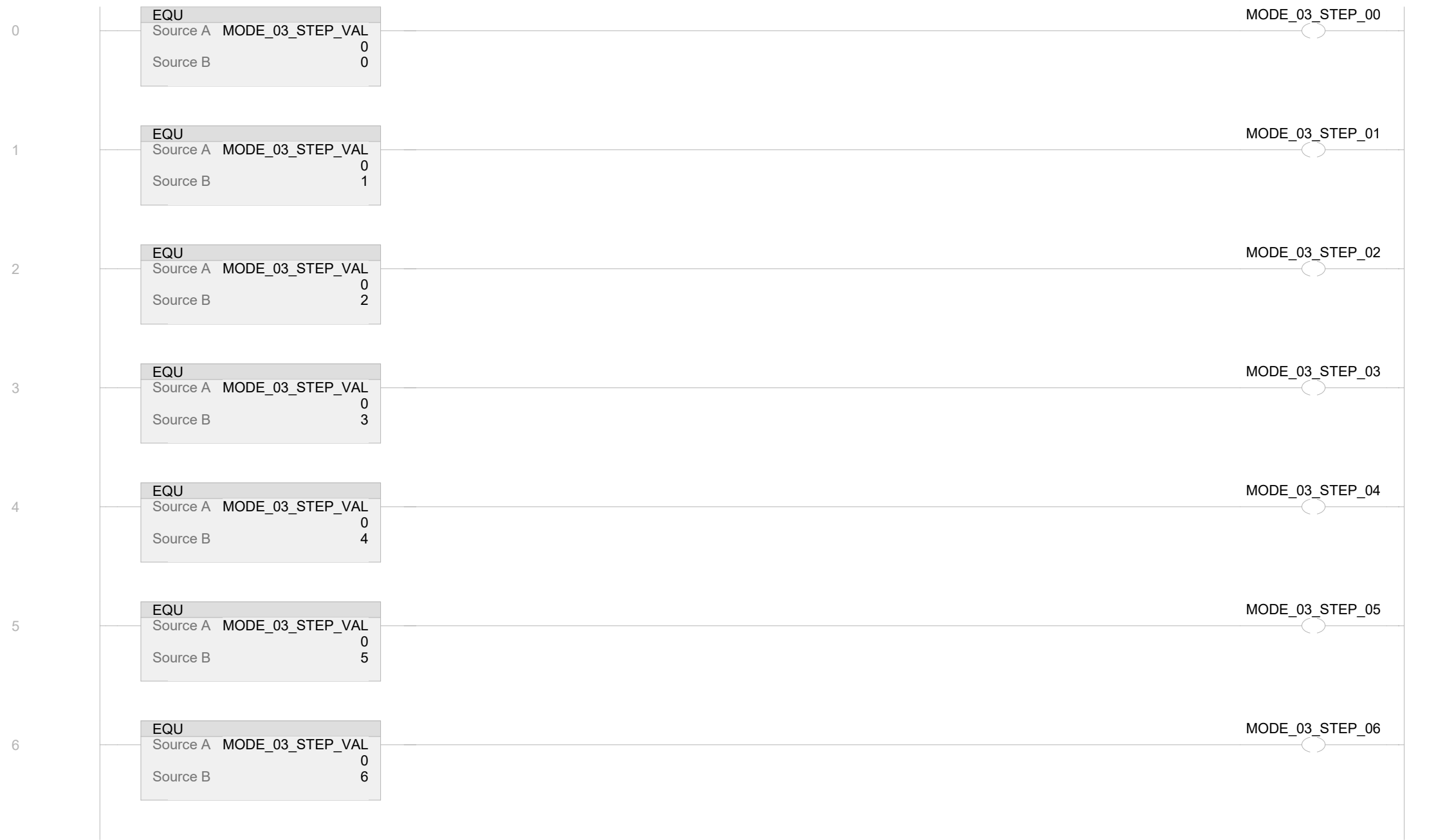


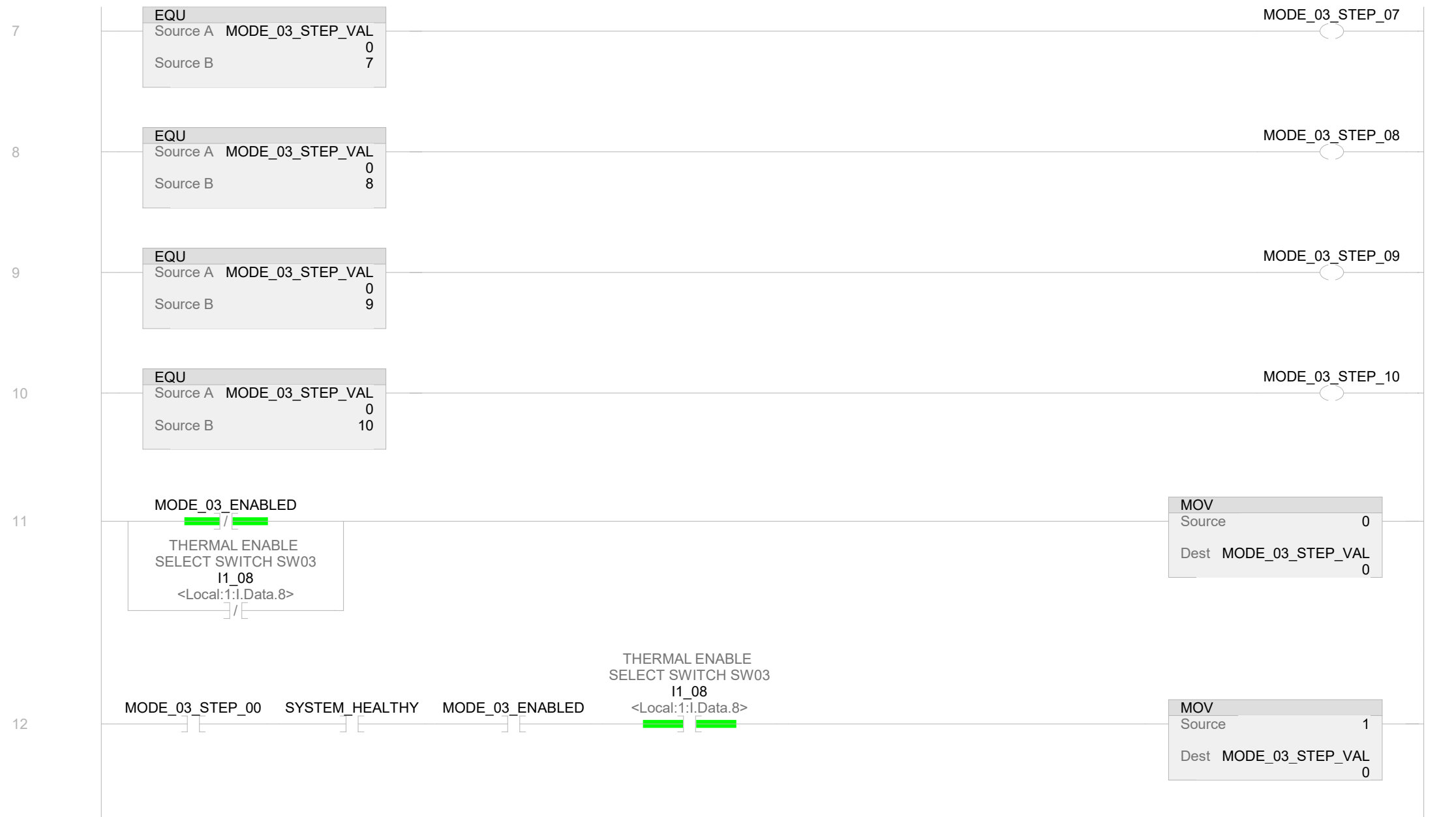


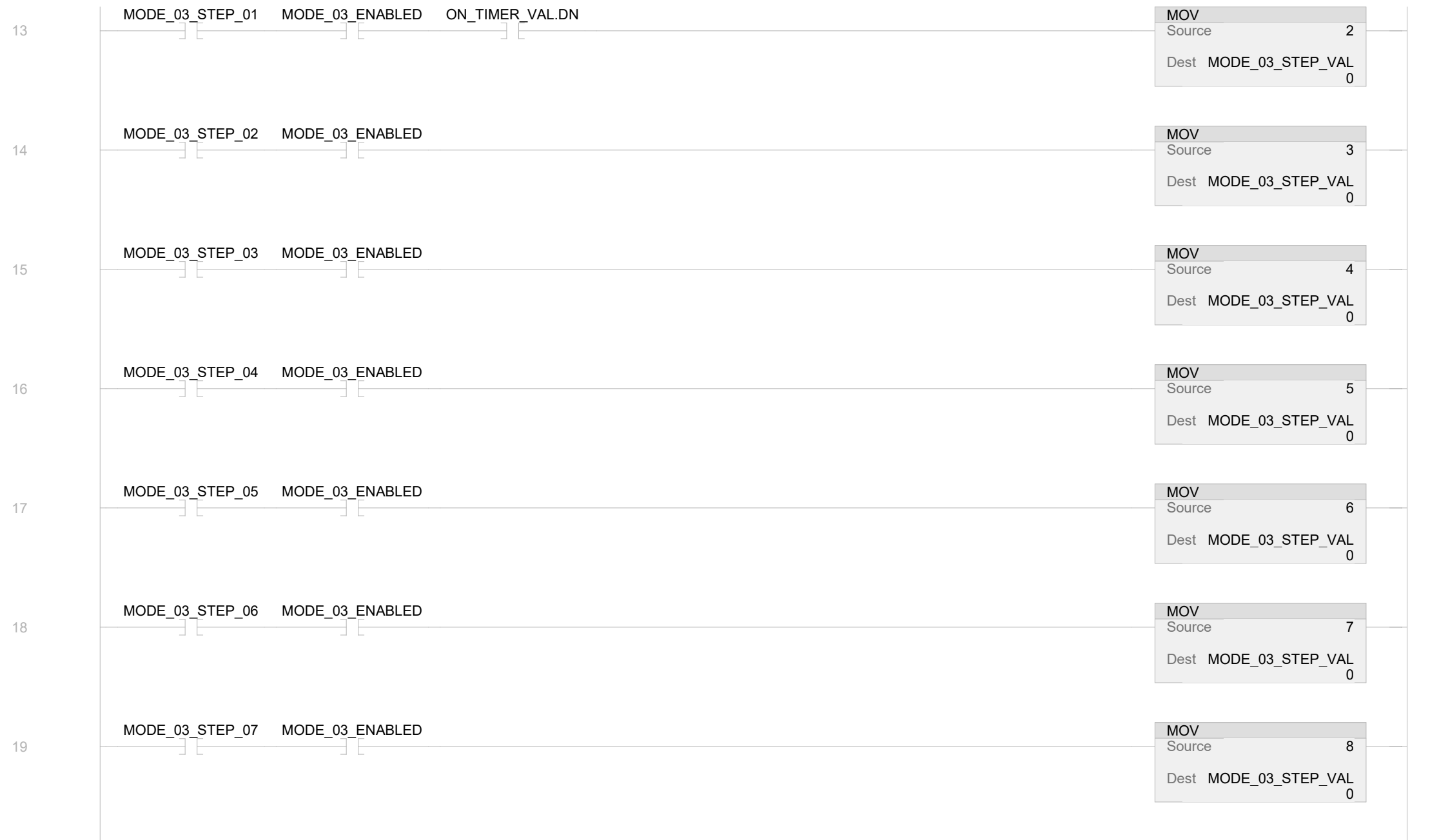


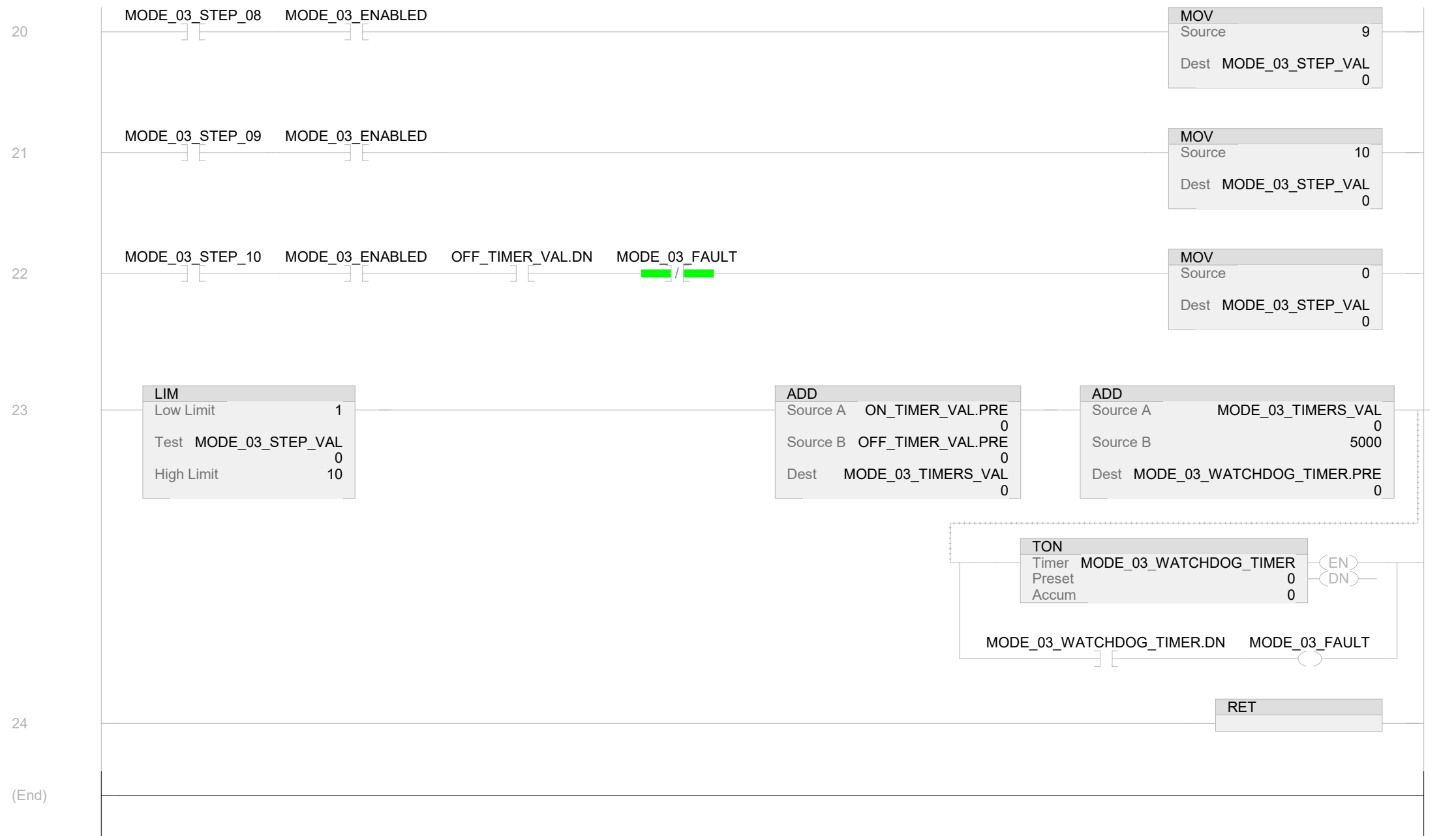


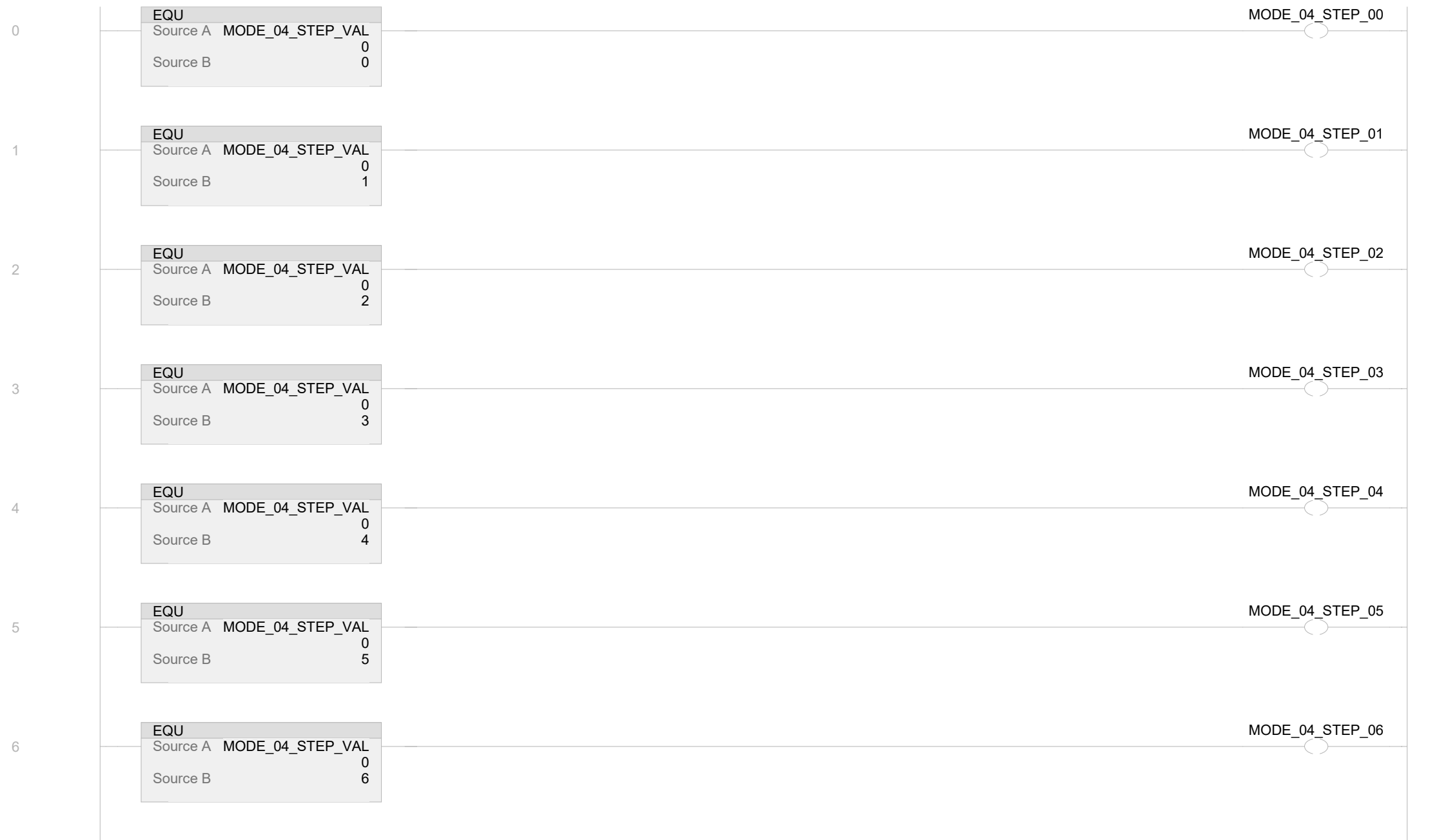


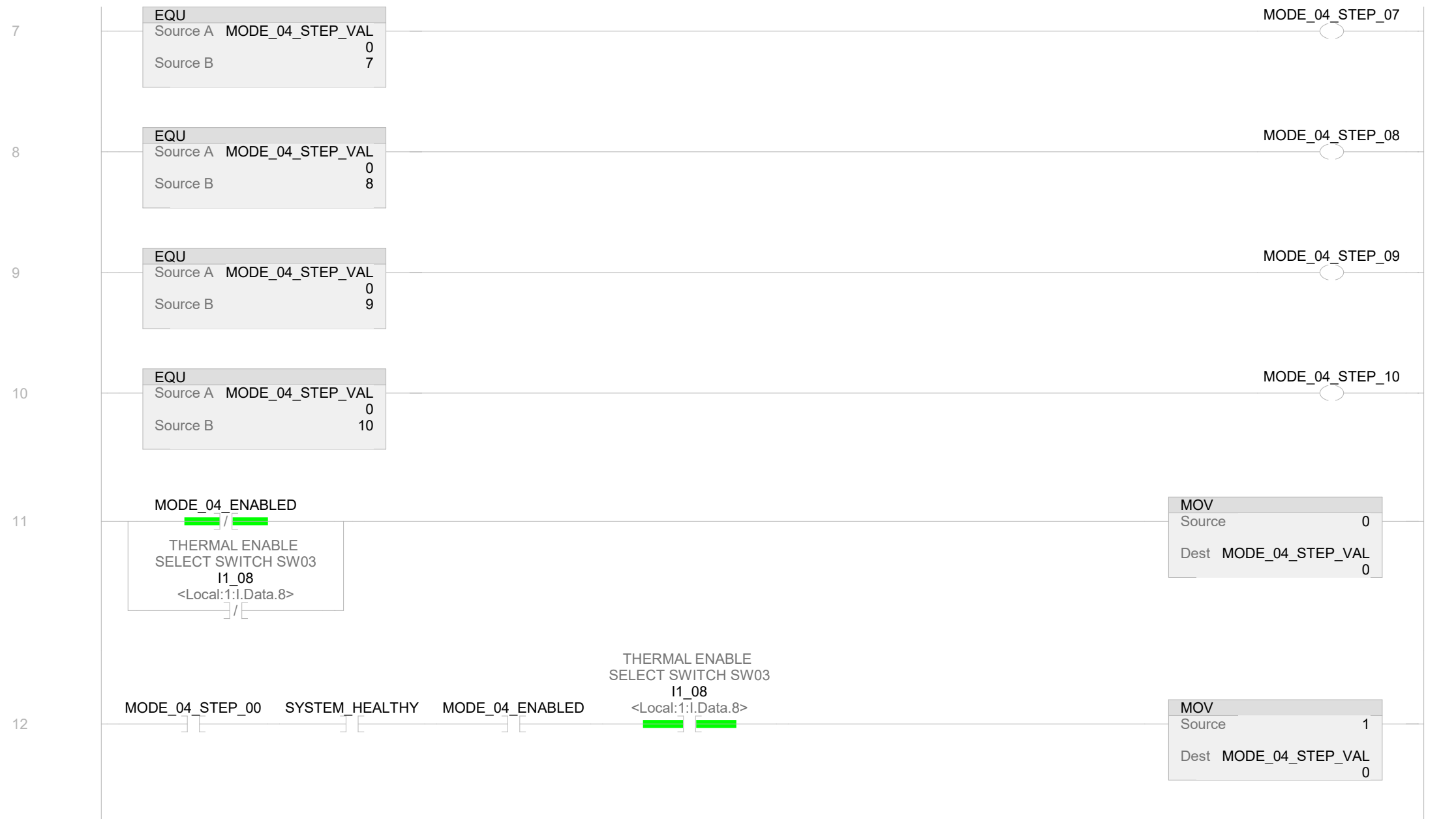


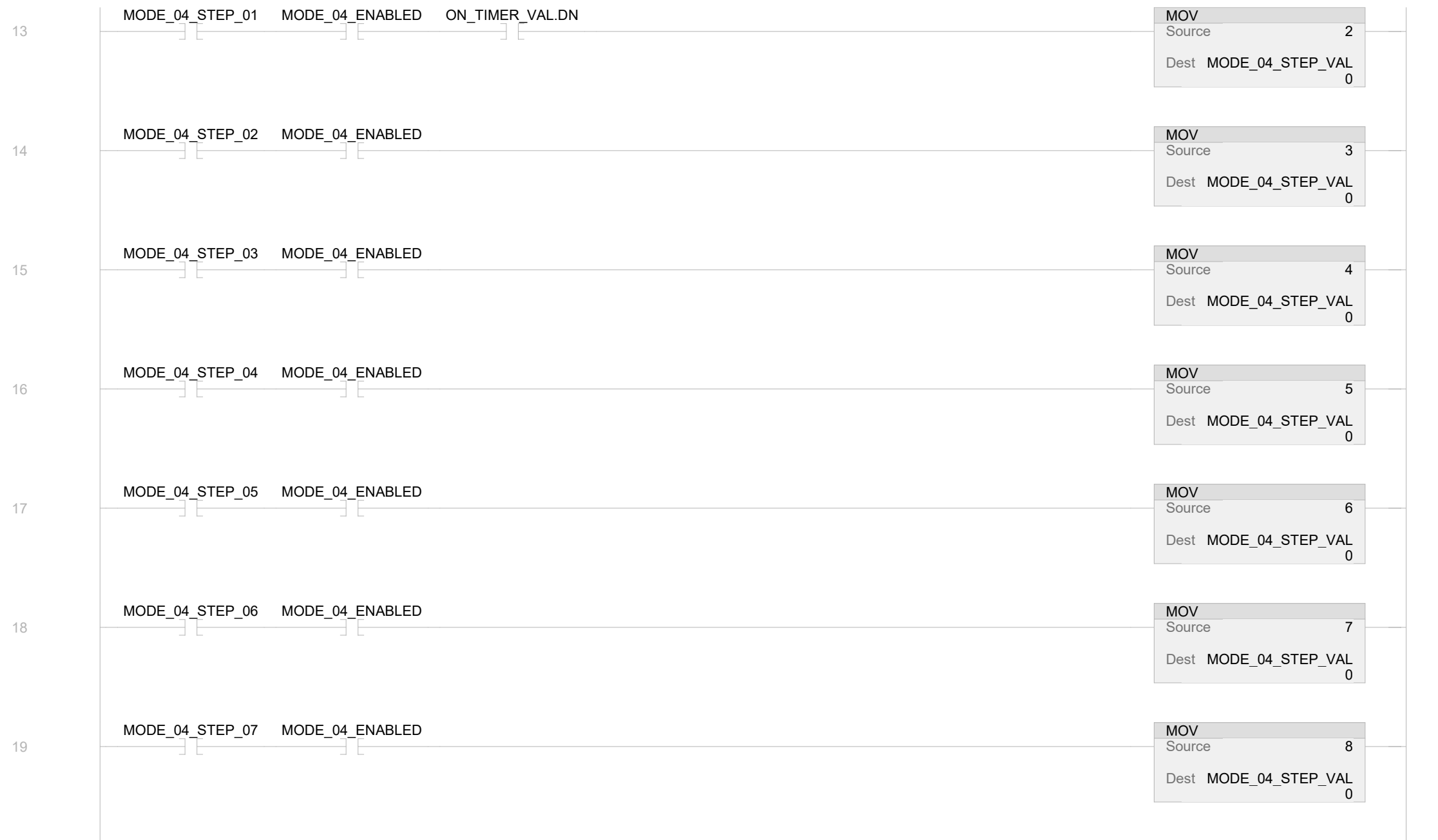


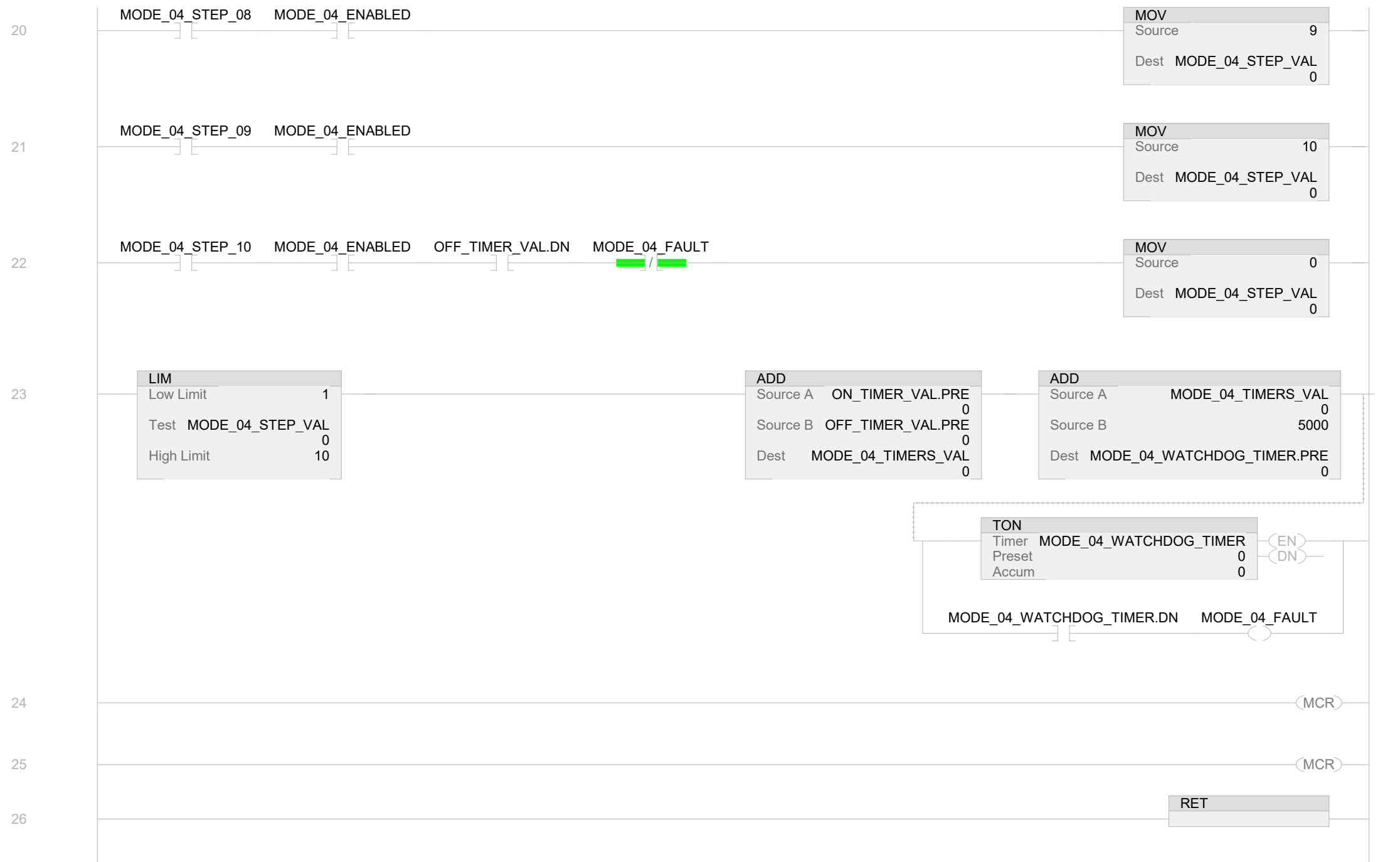




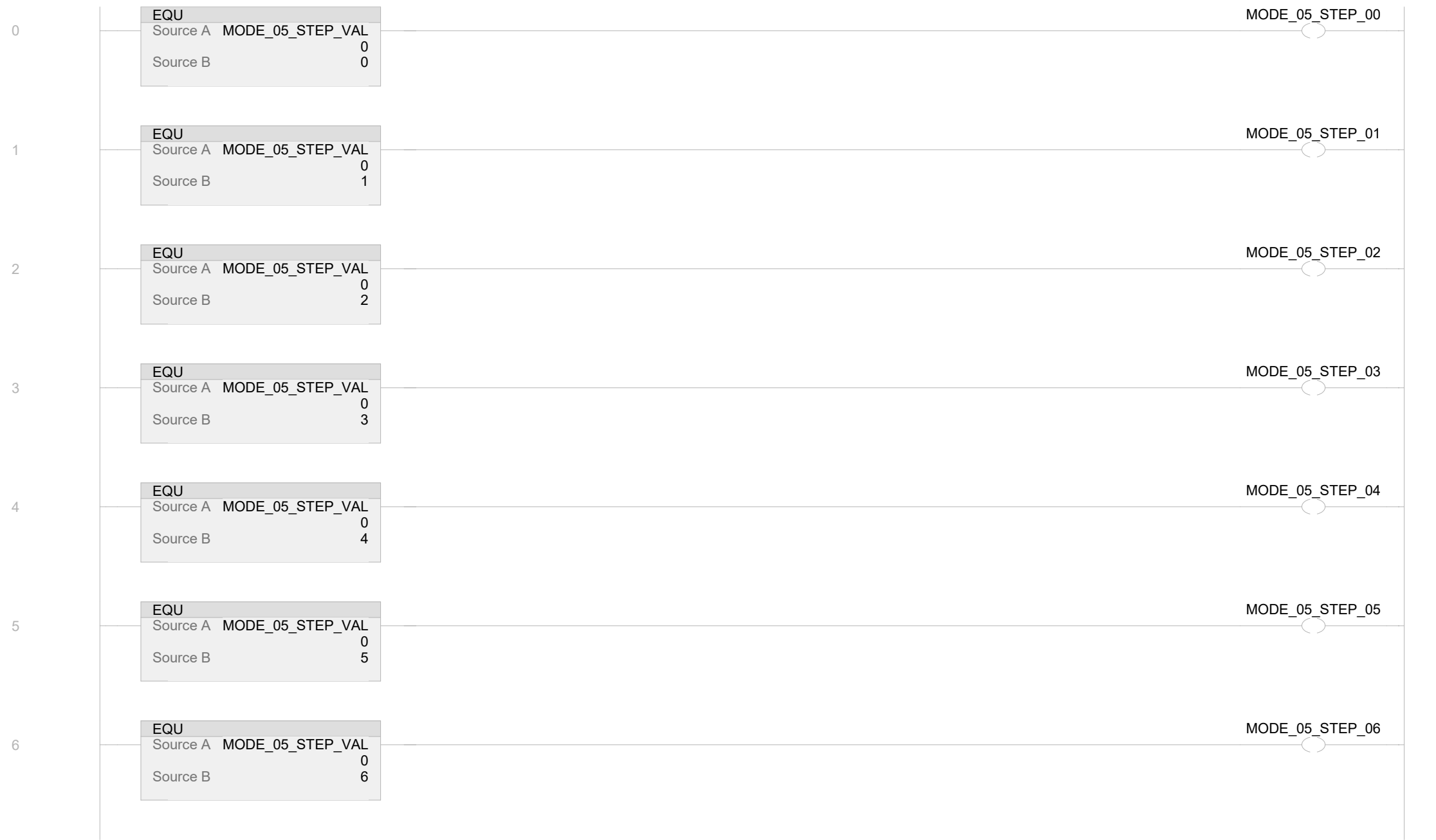


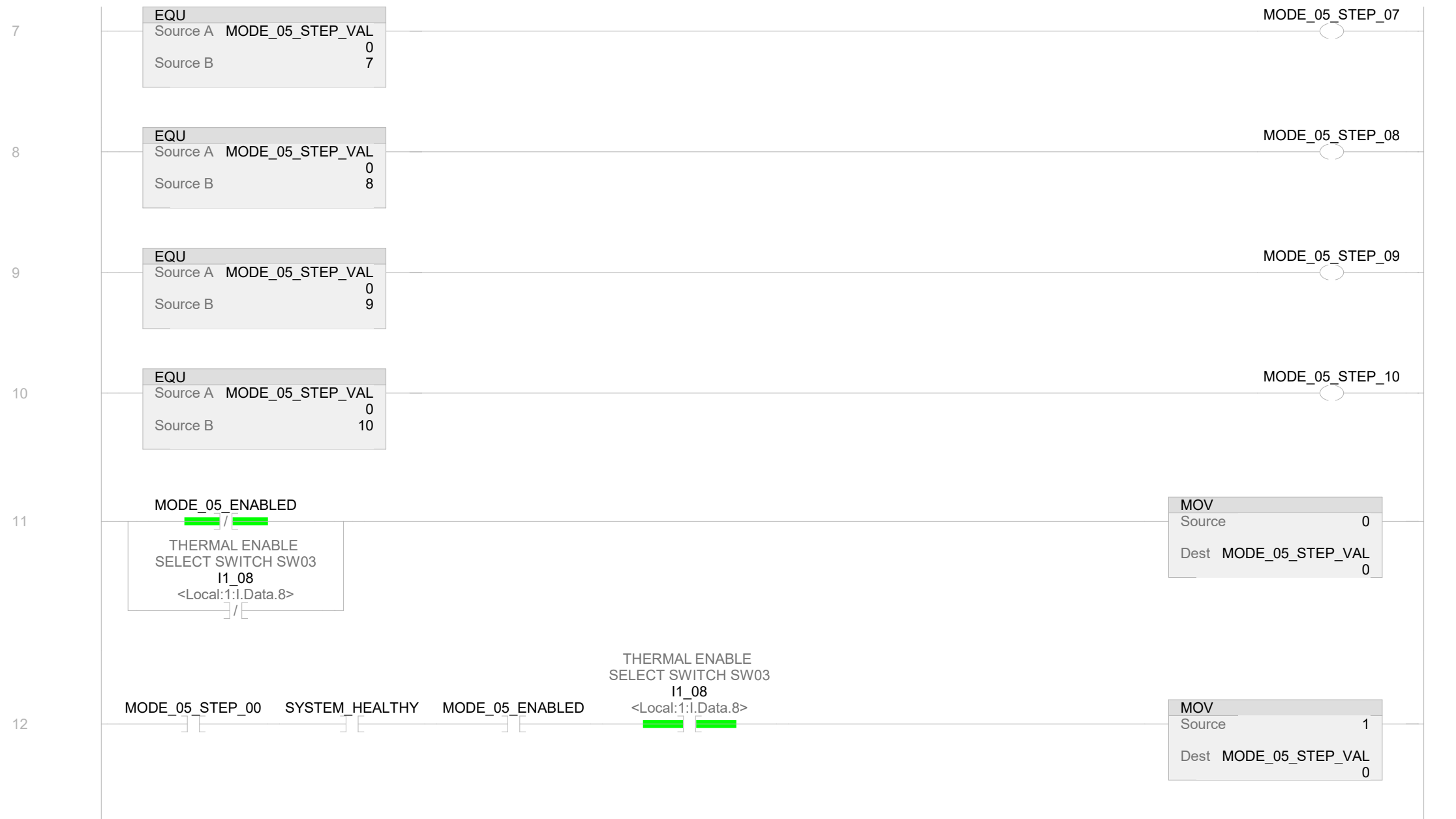


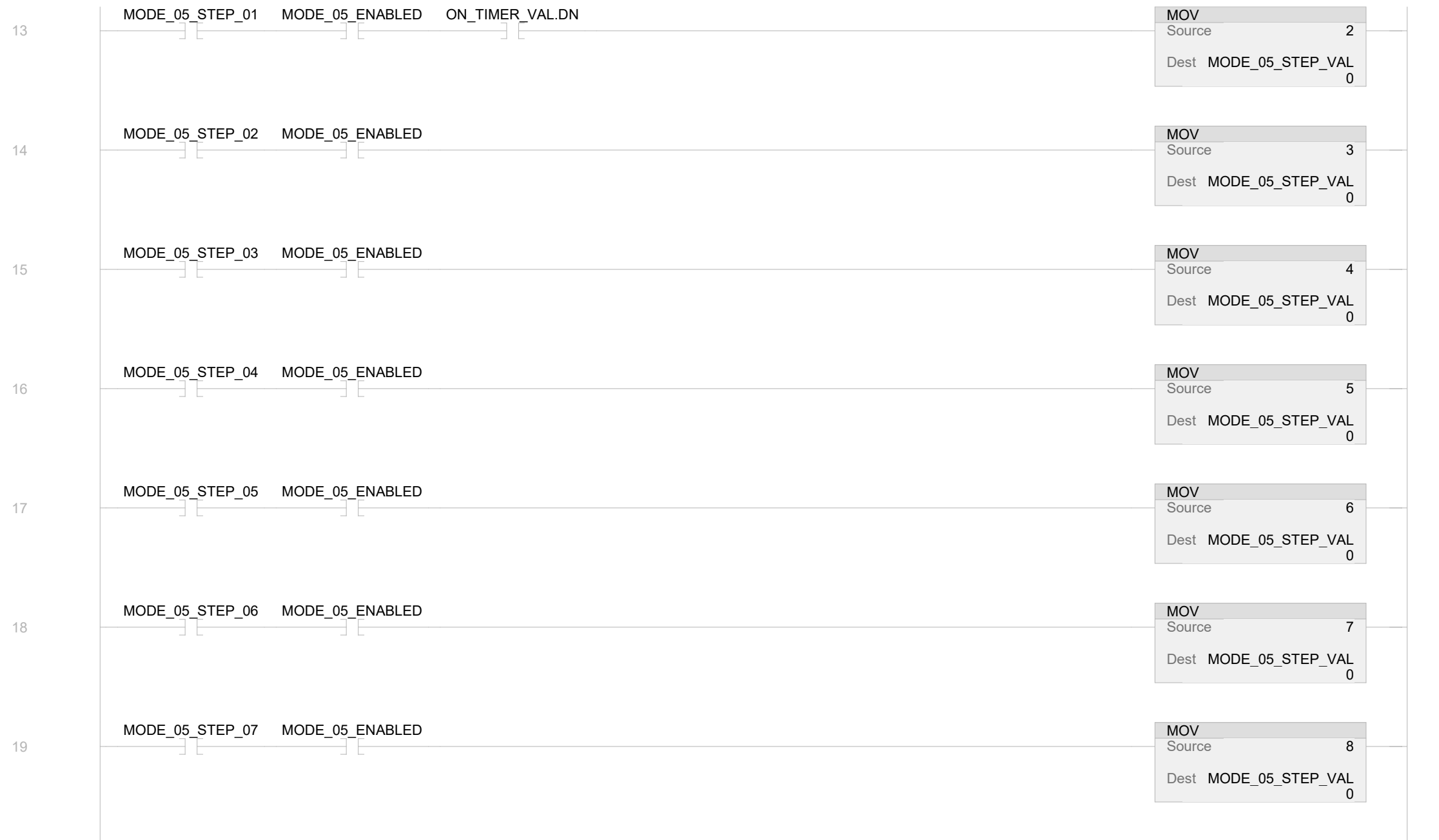


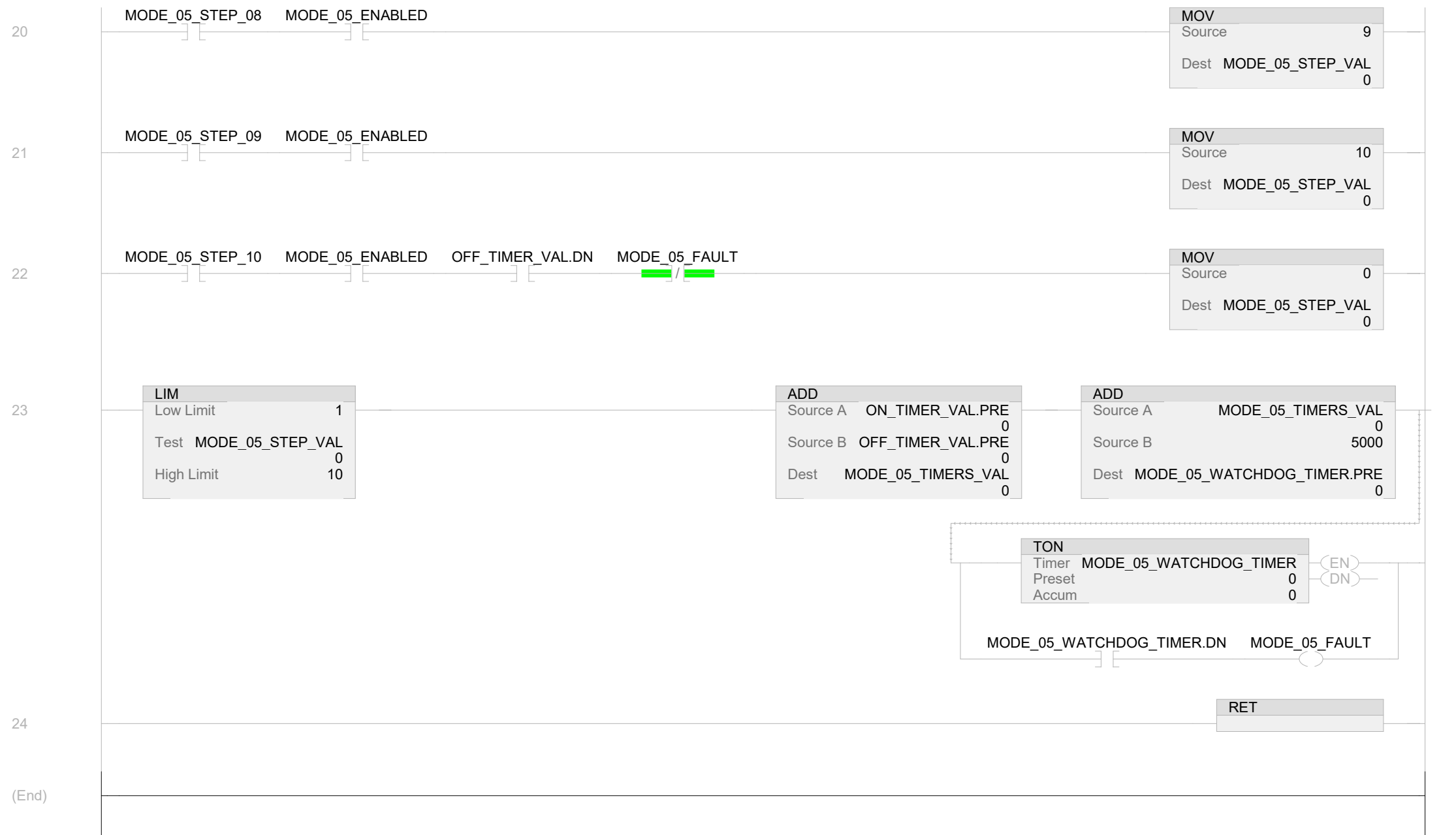


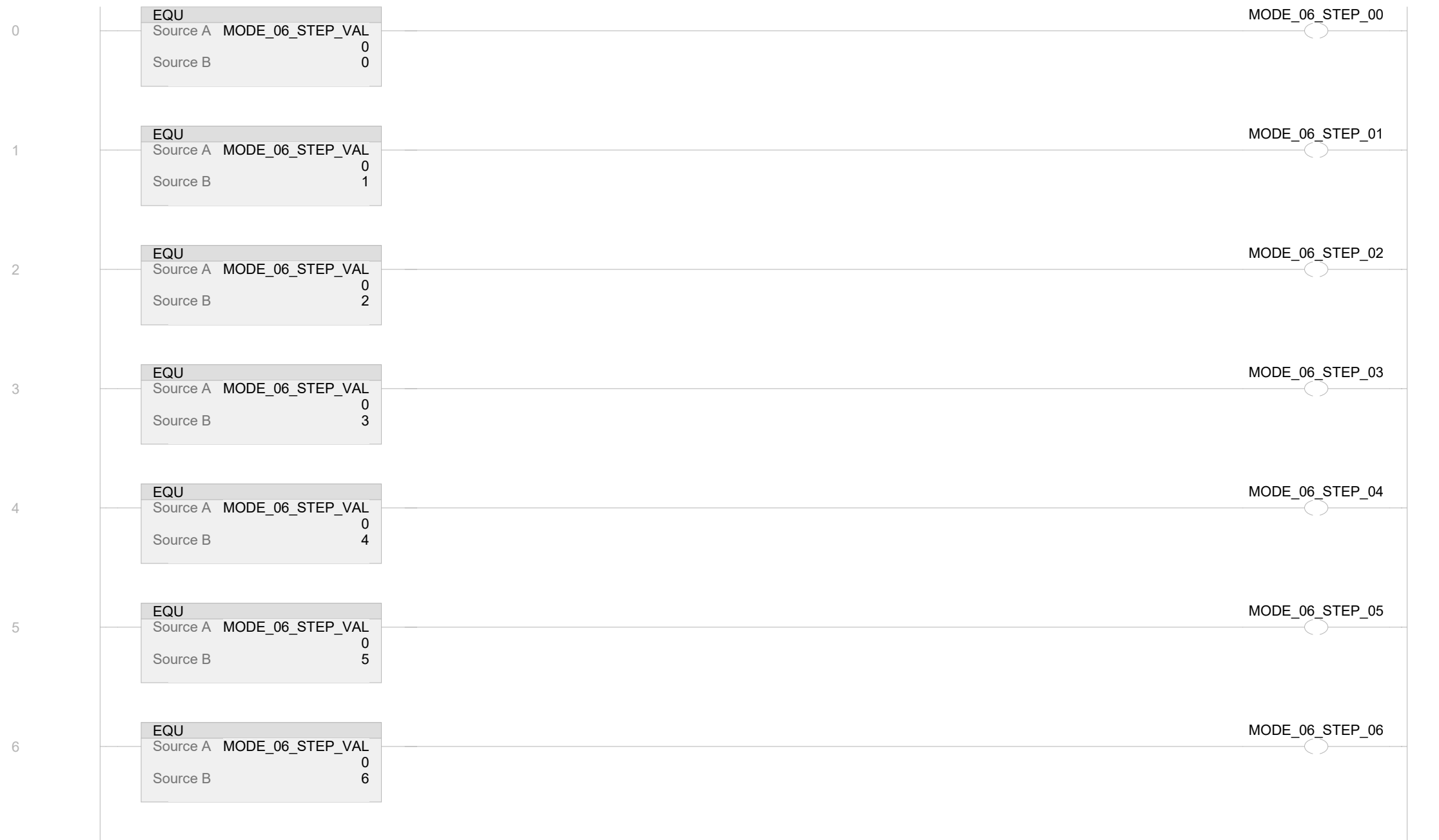


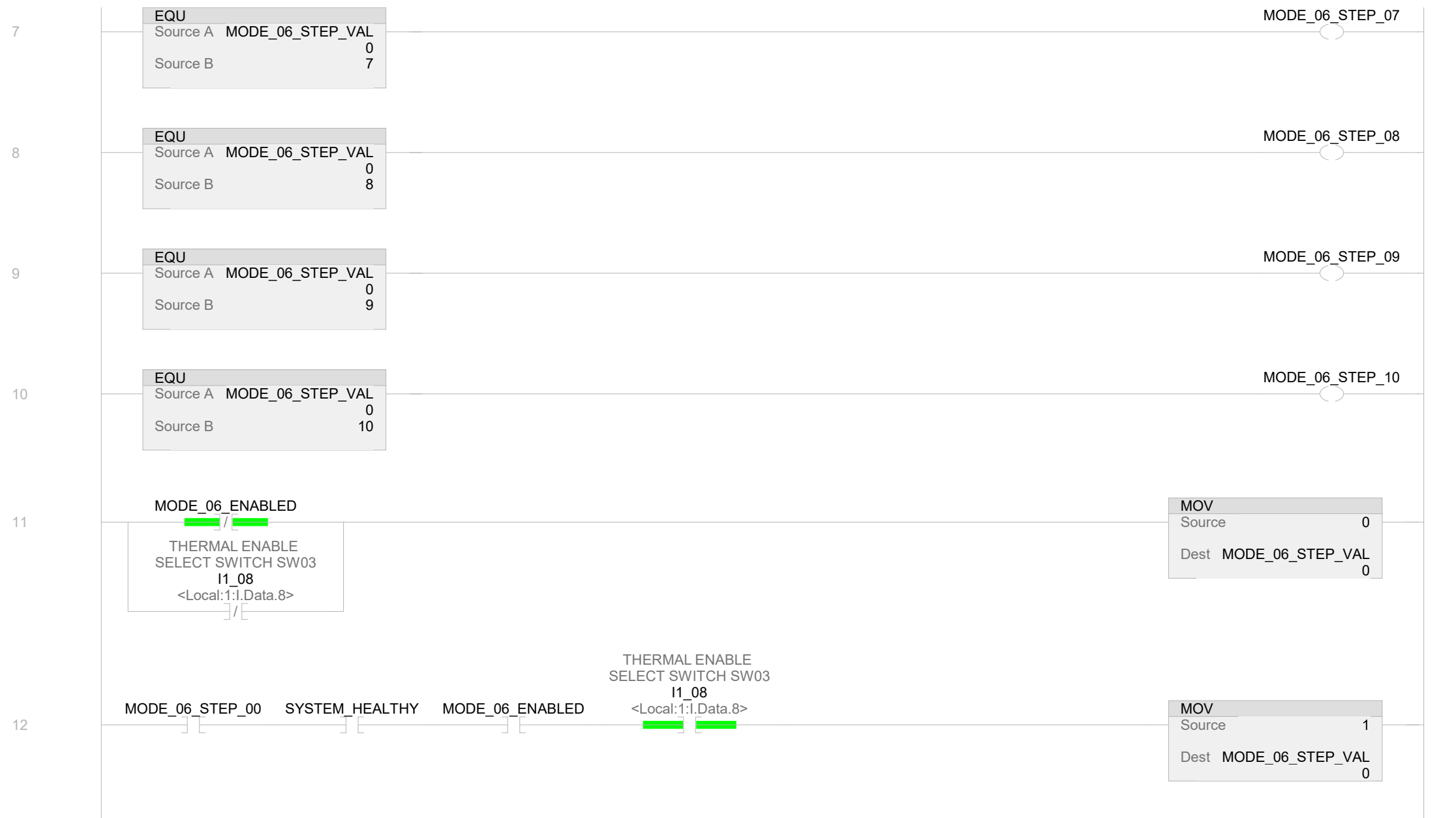


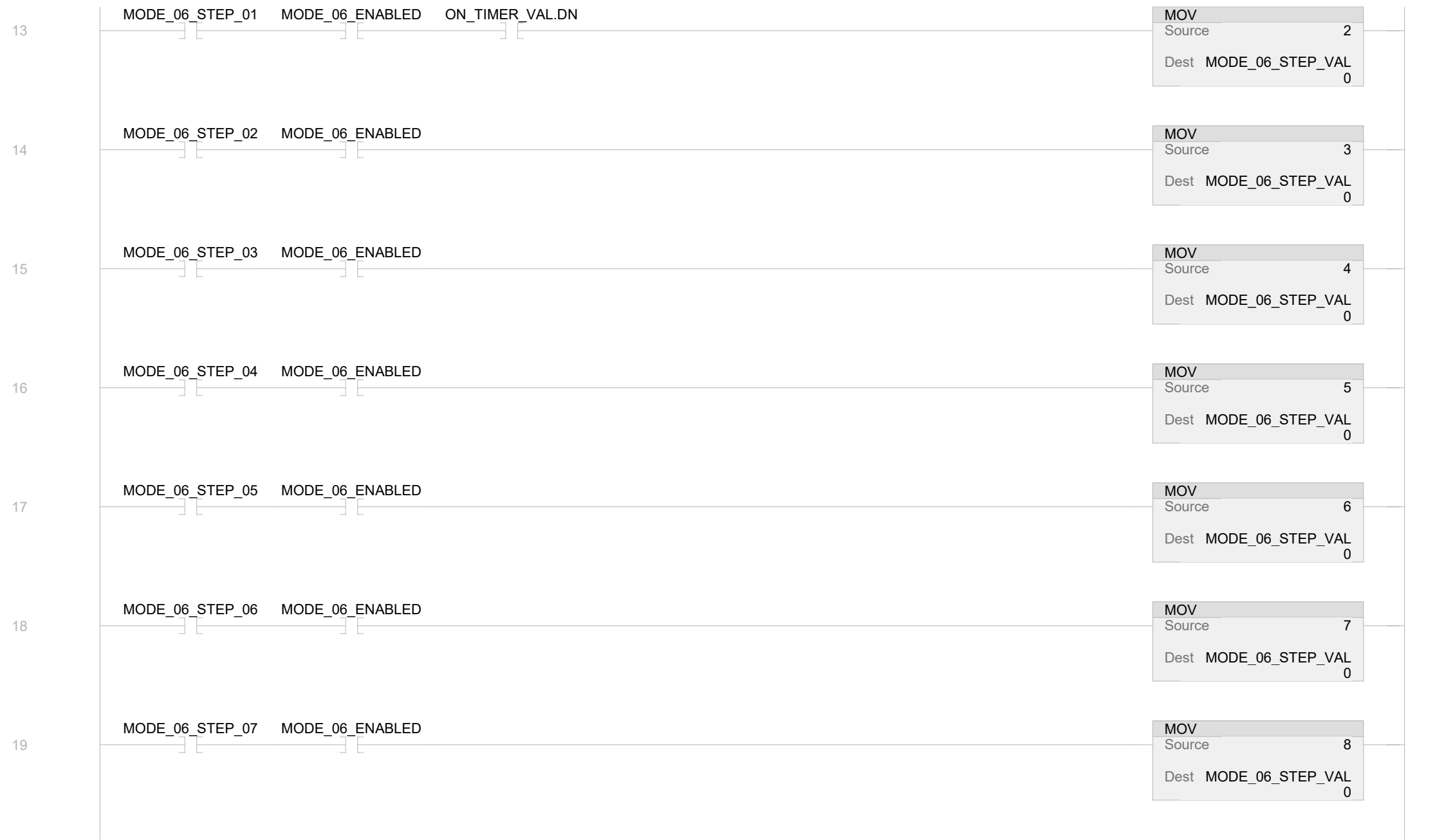


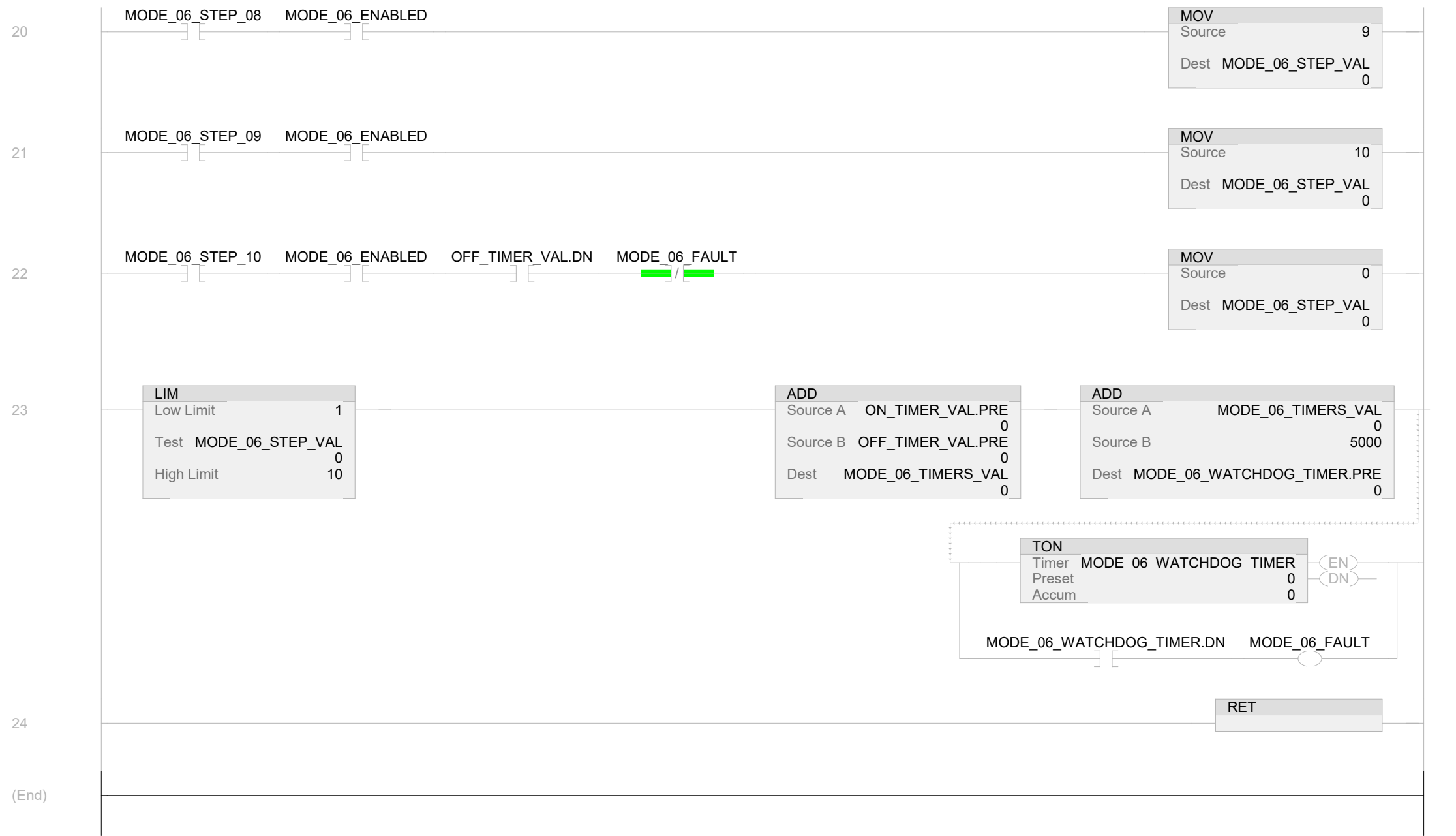


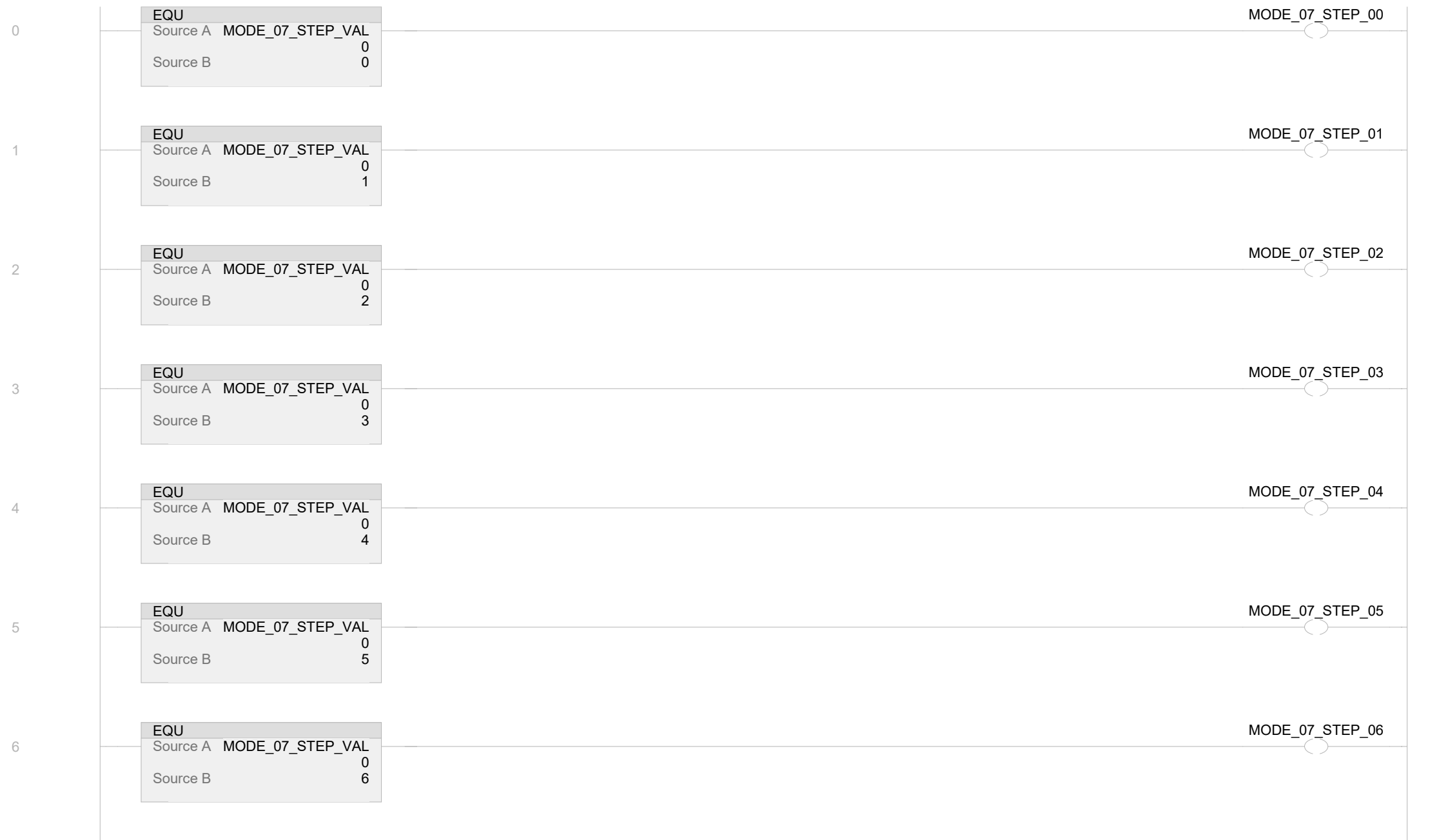


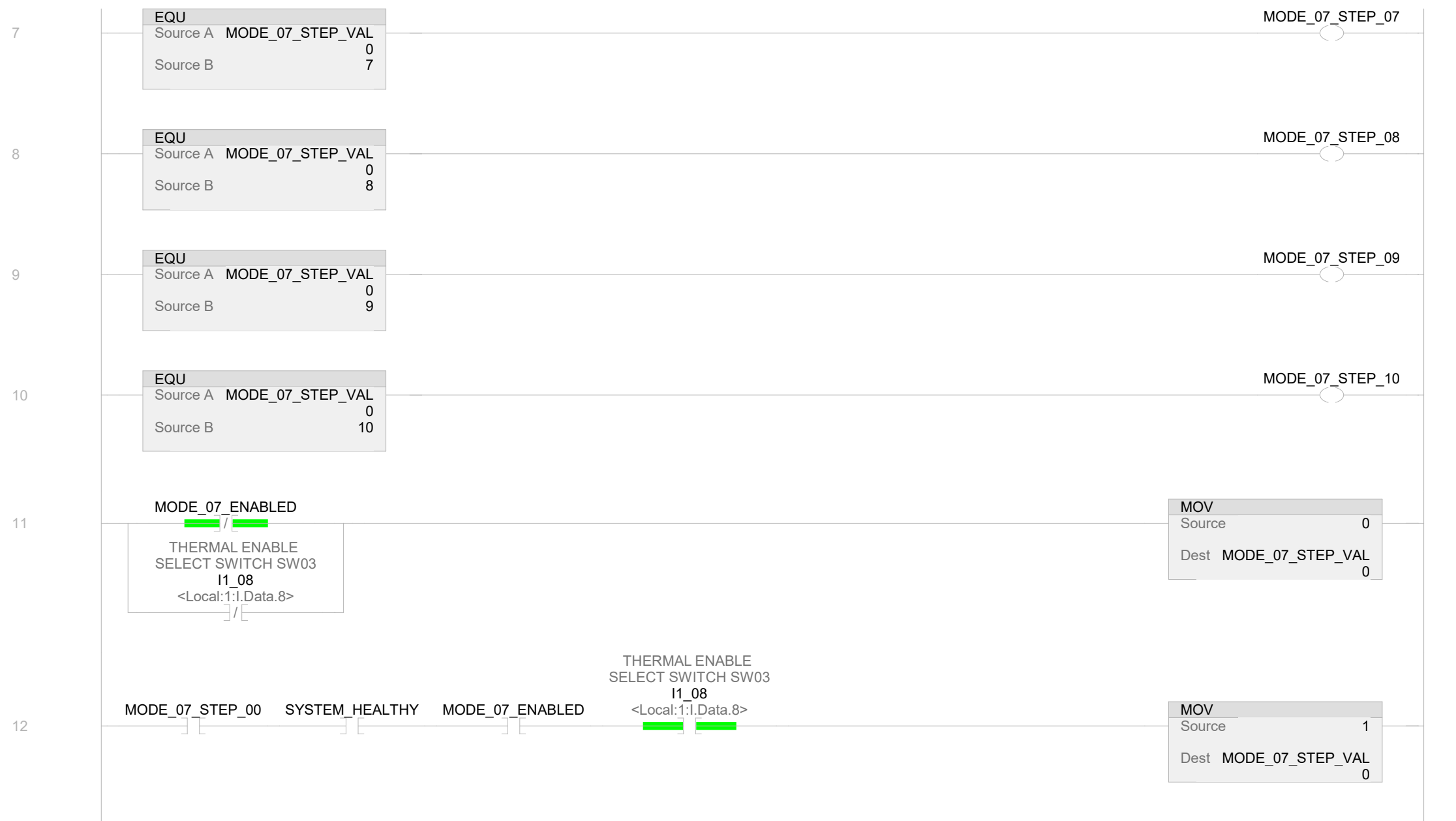


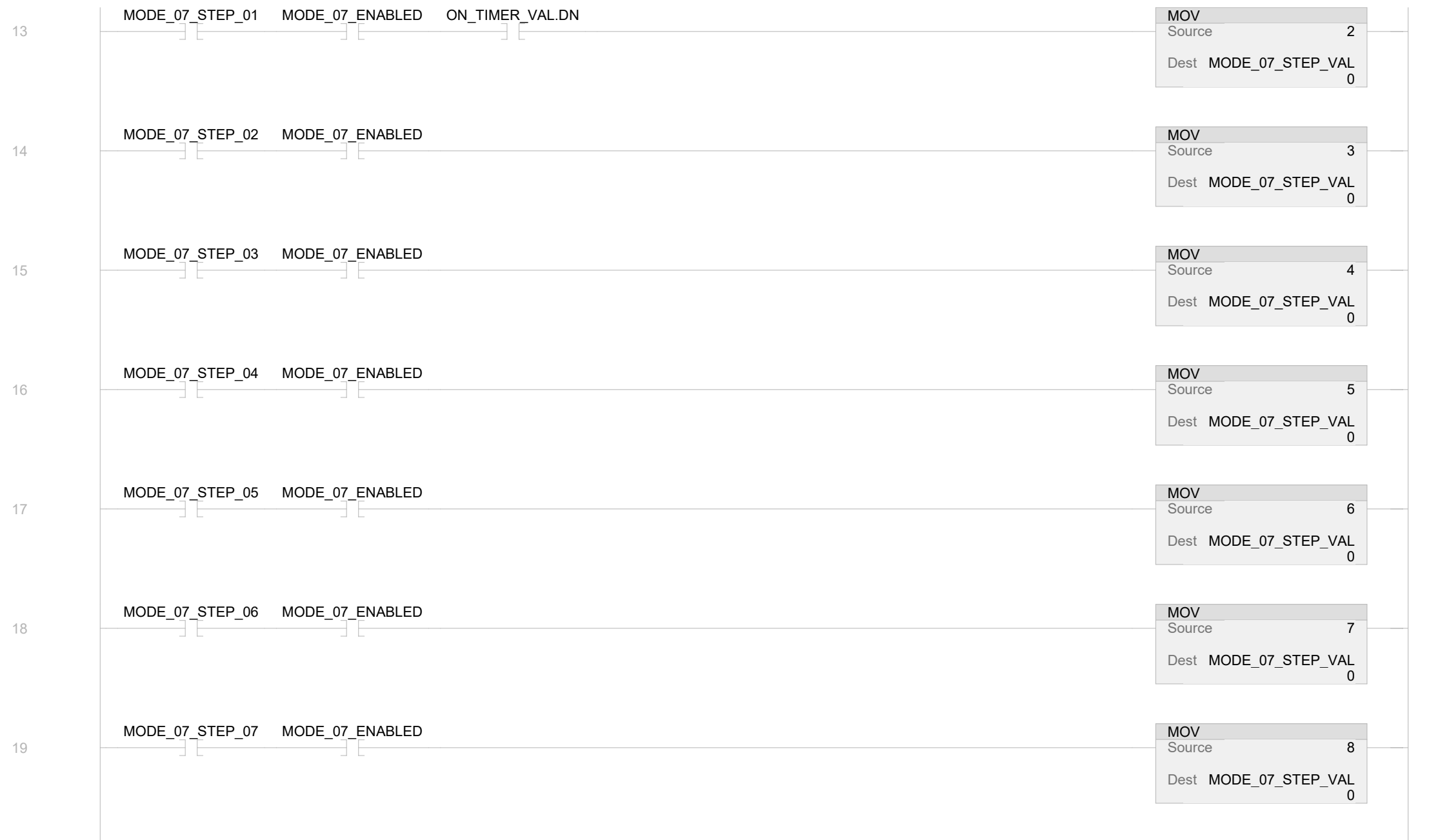


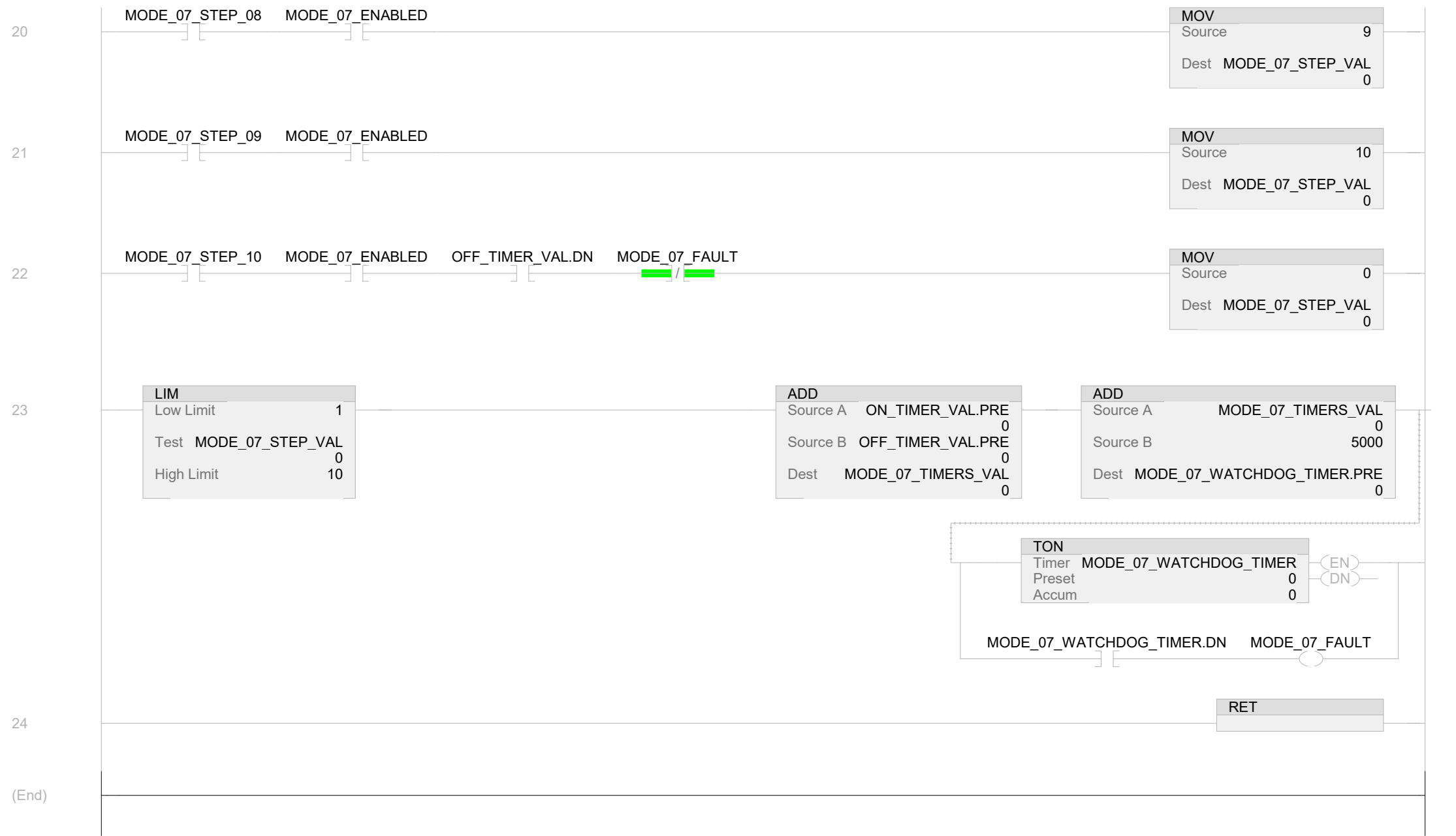


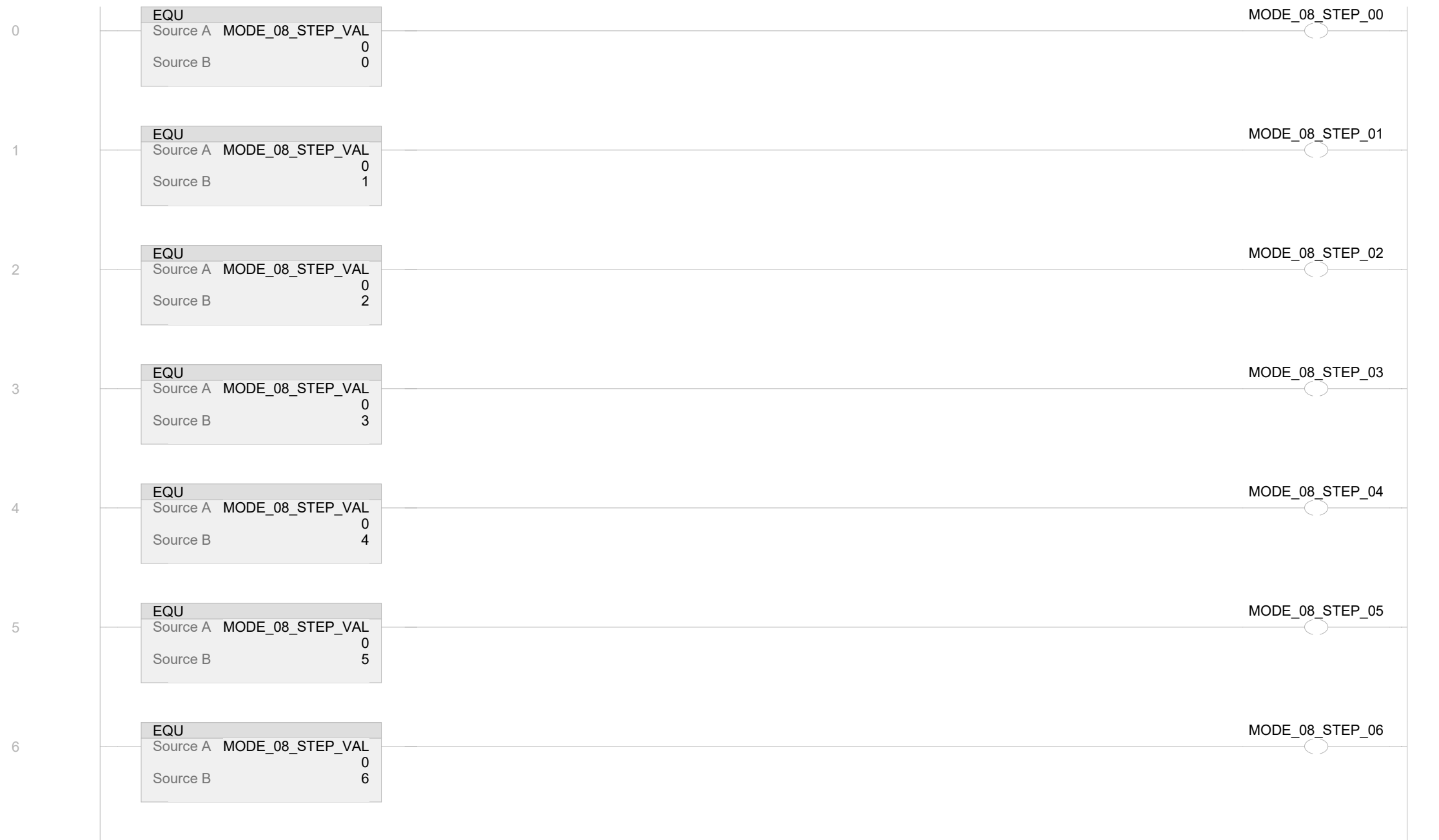


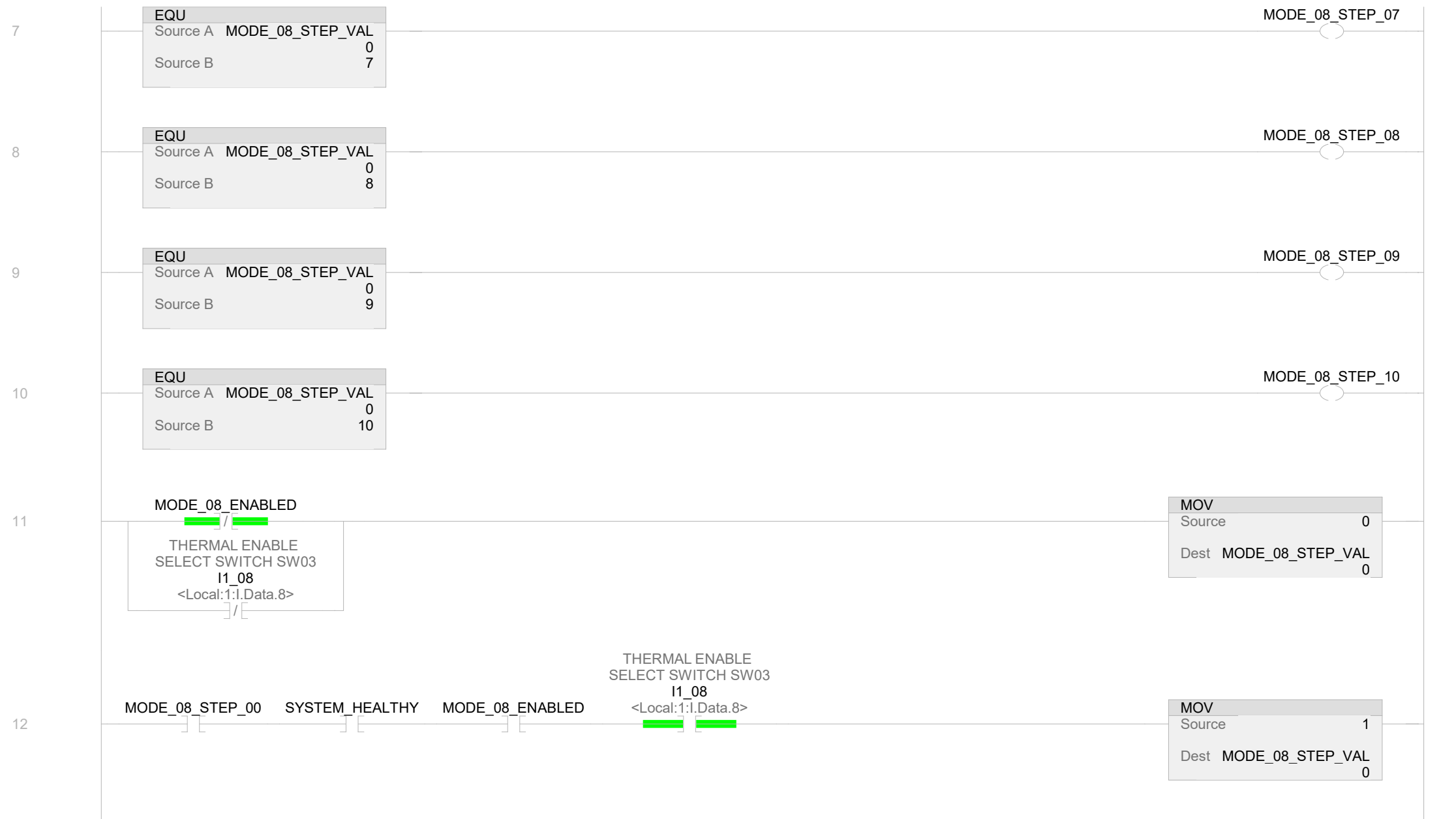


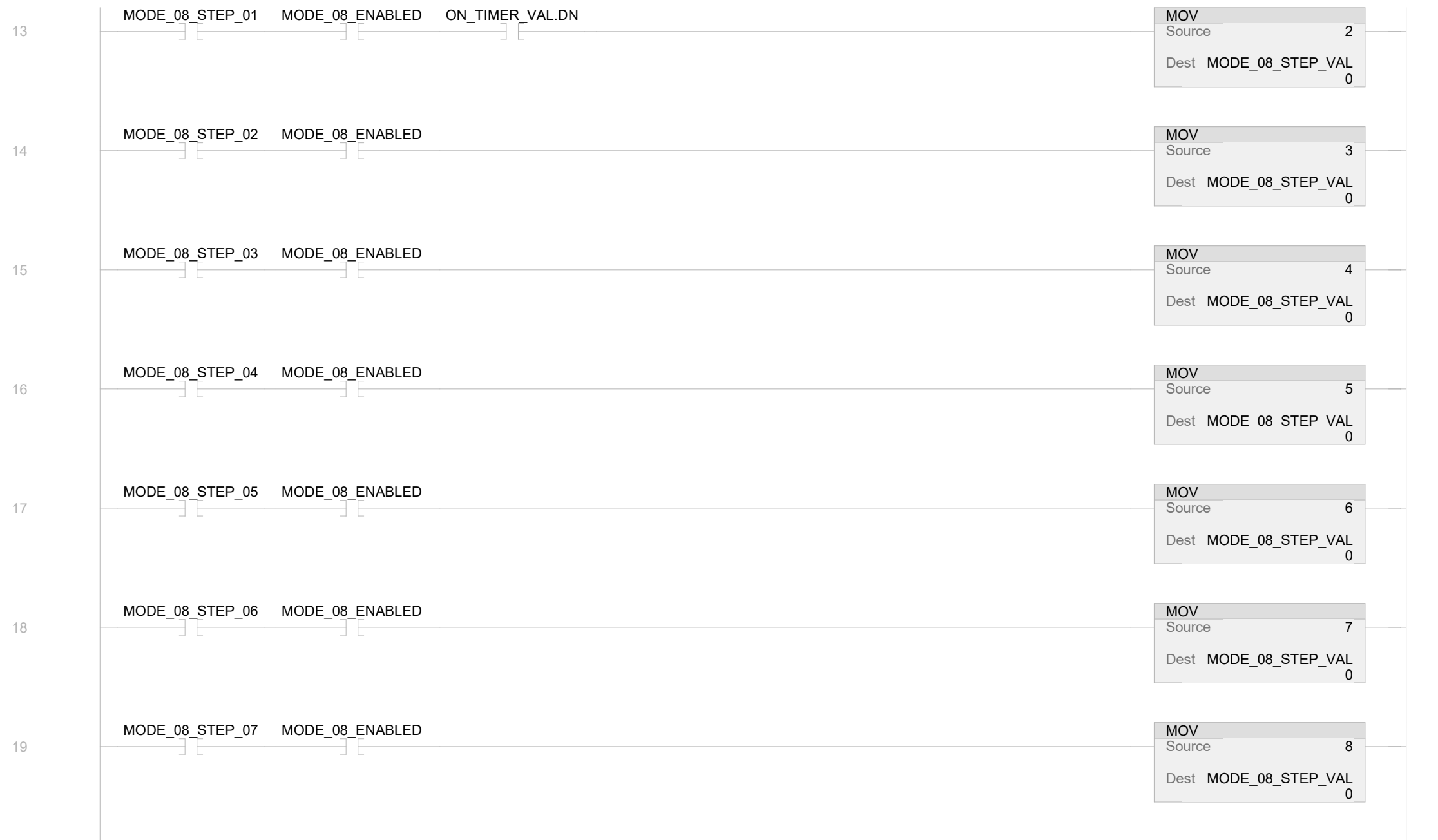


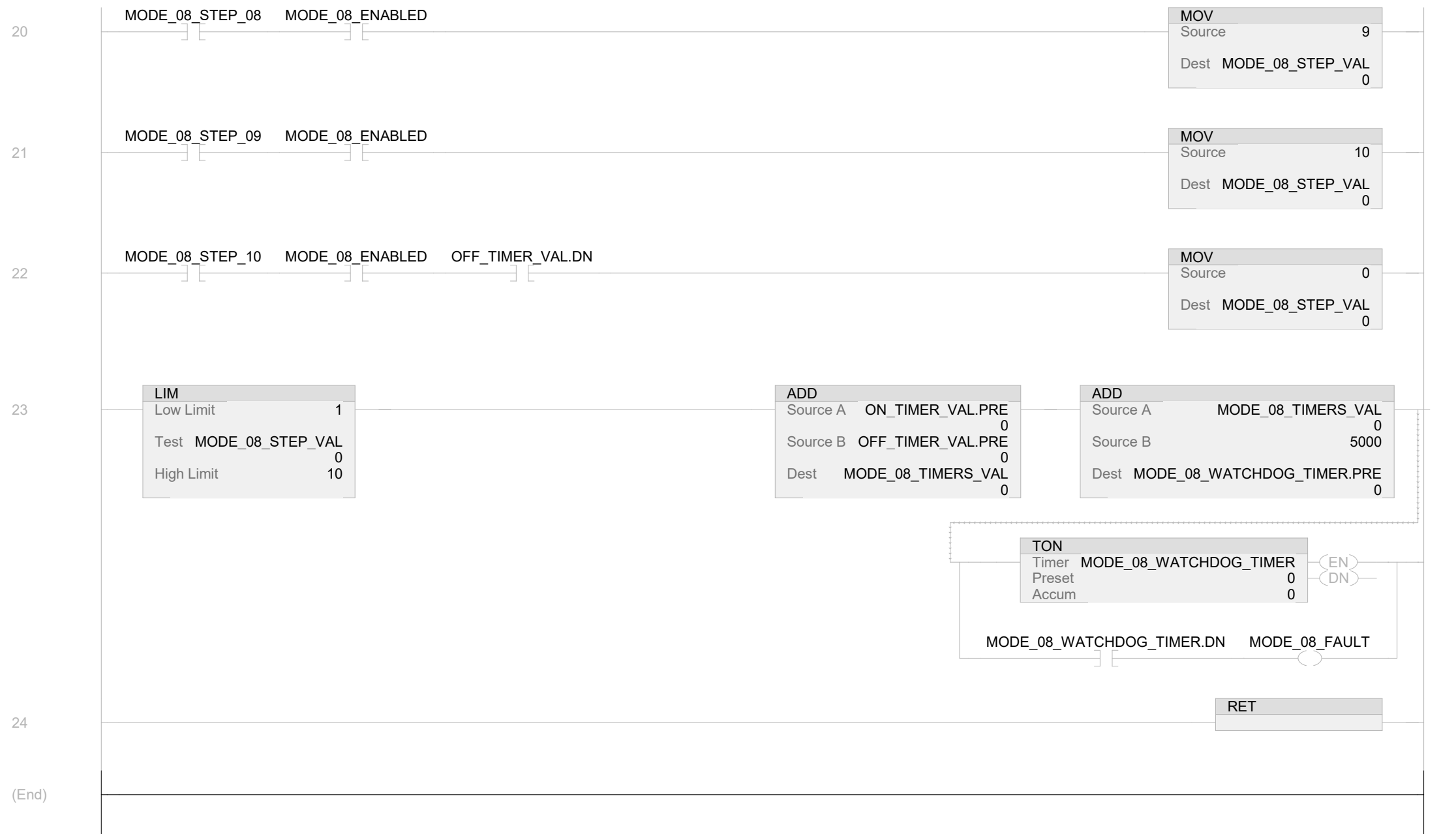












0

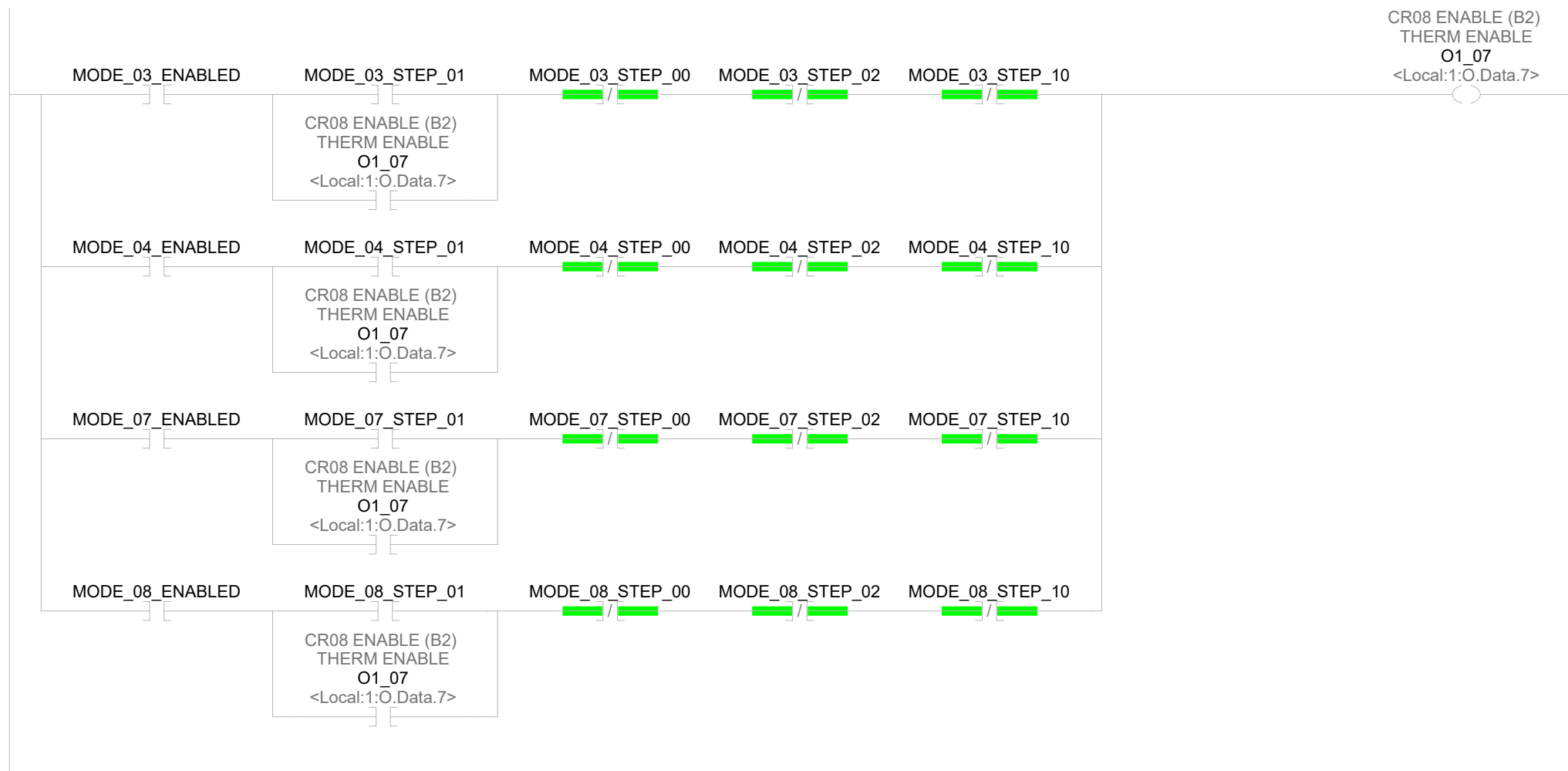




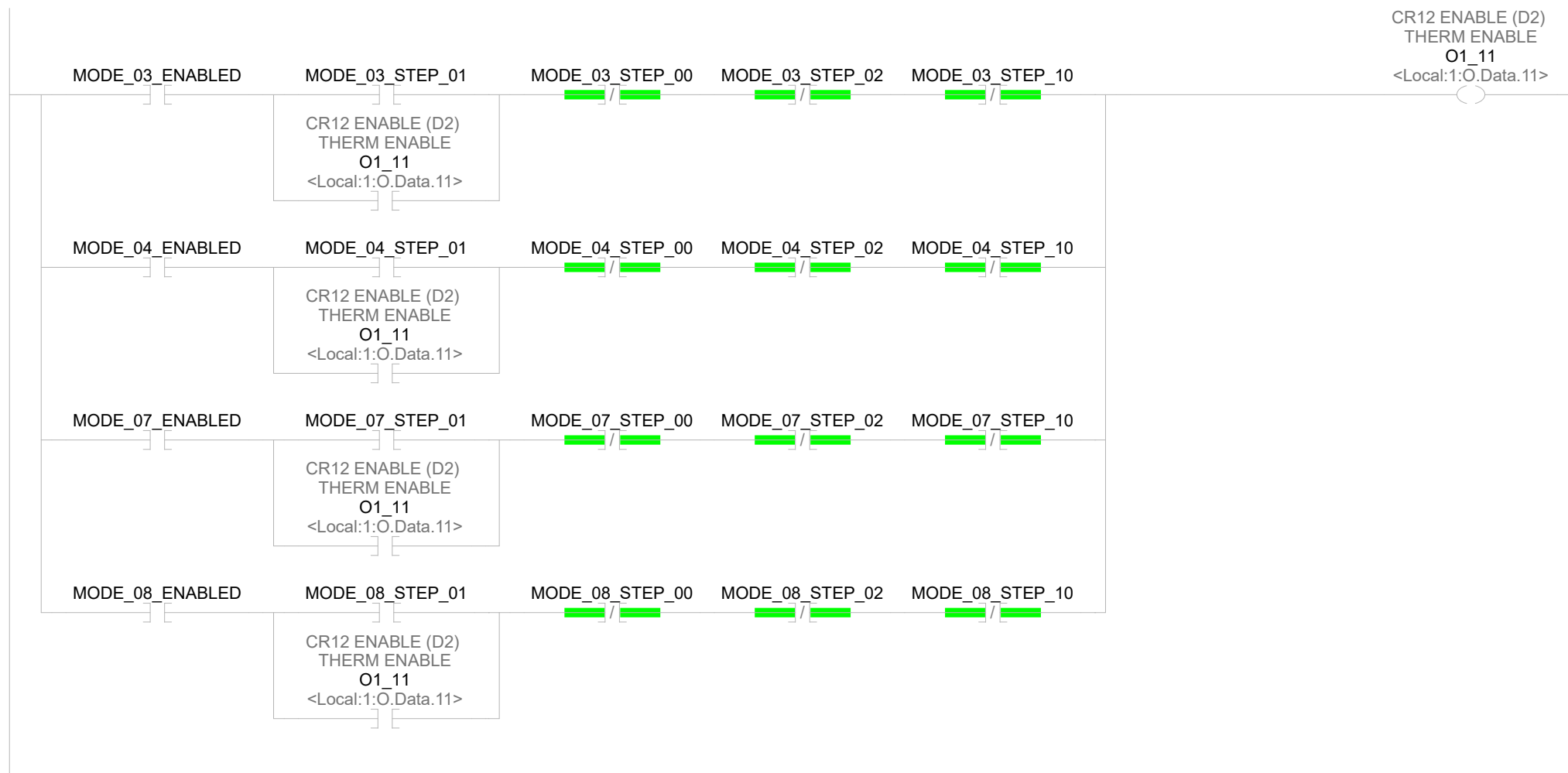




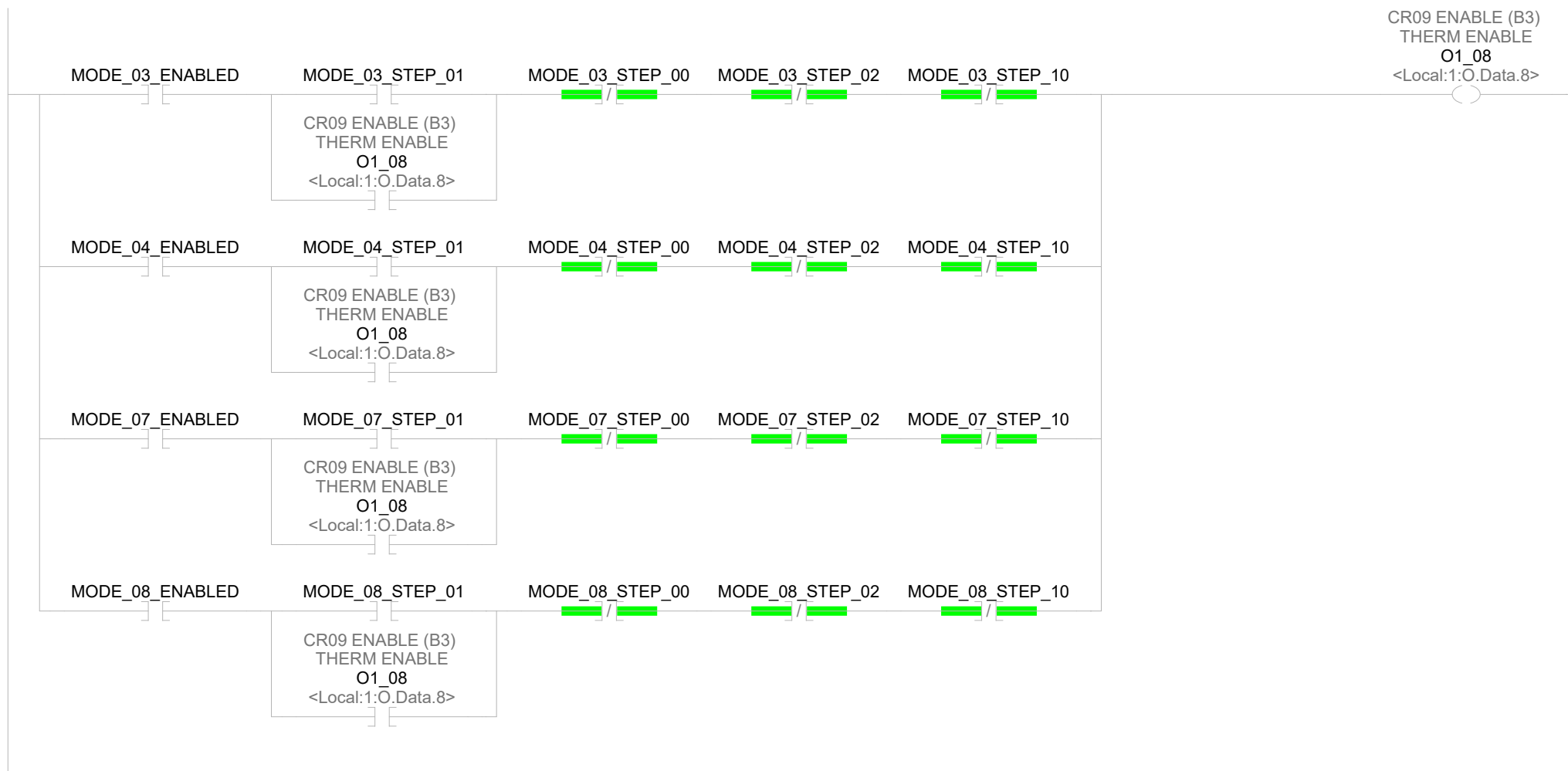
2



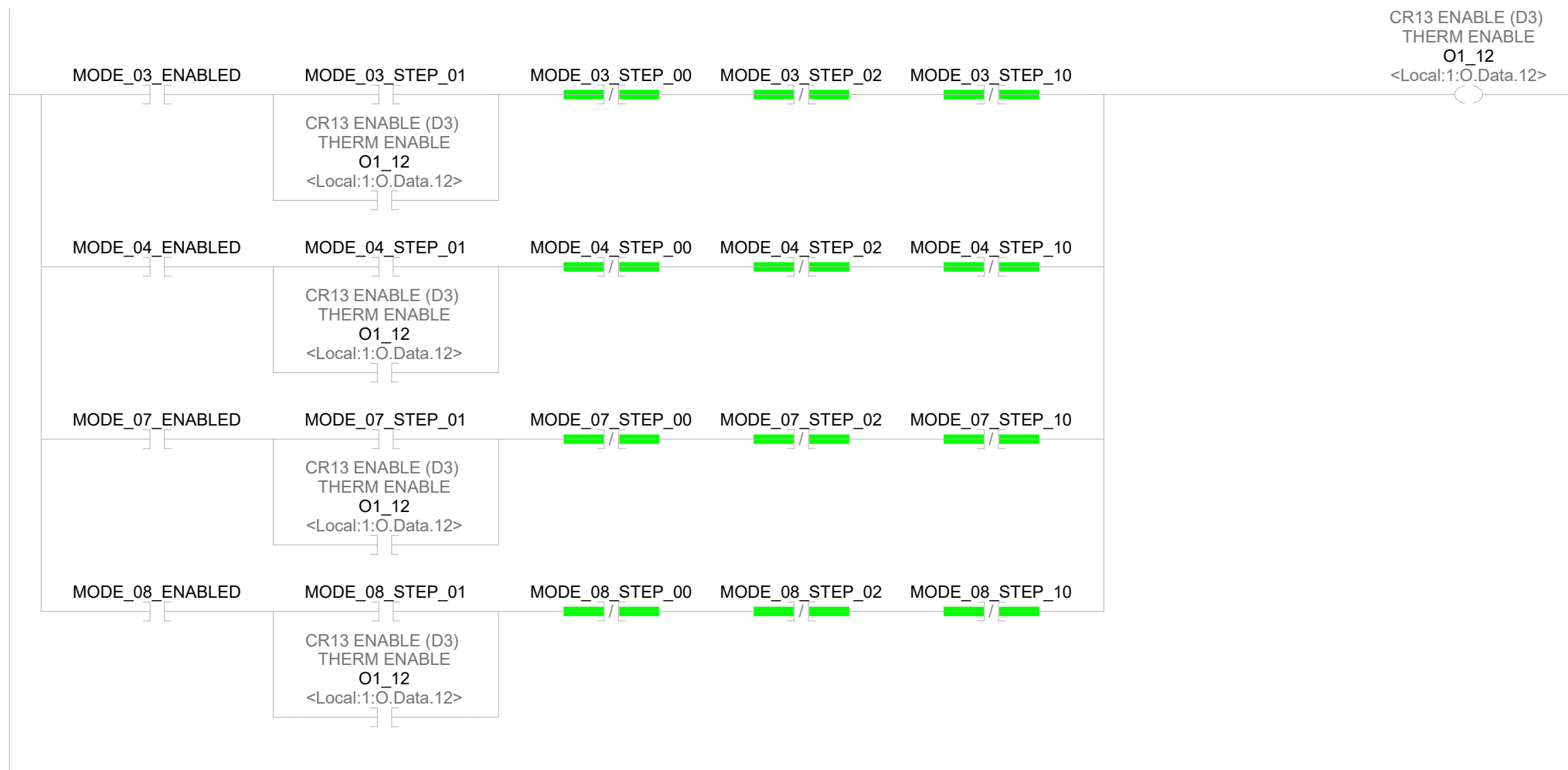
3

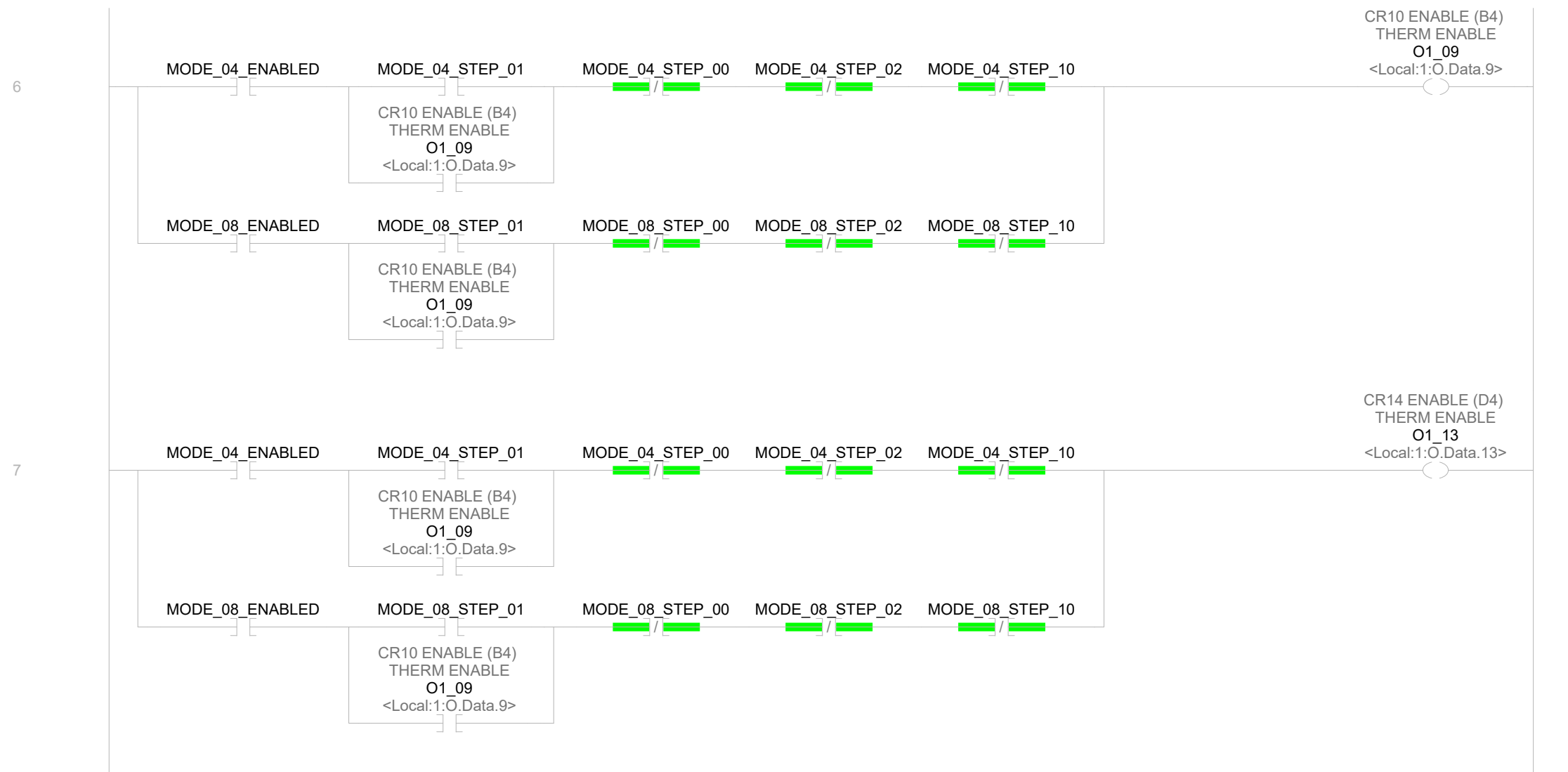


4



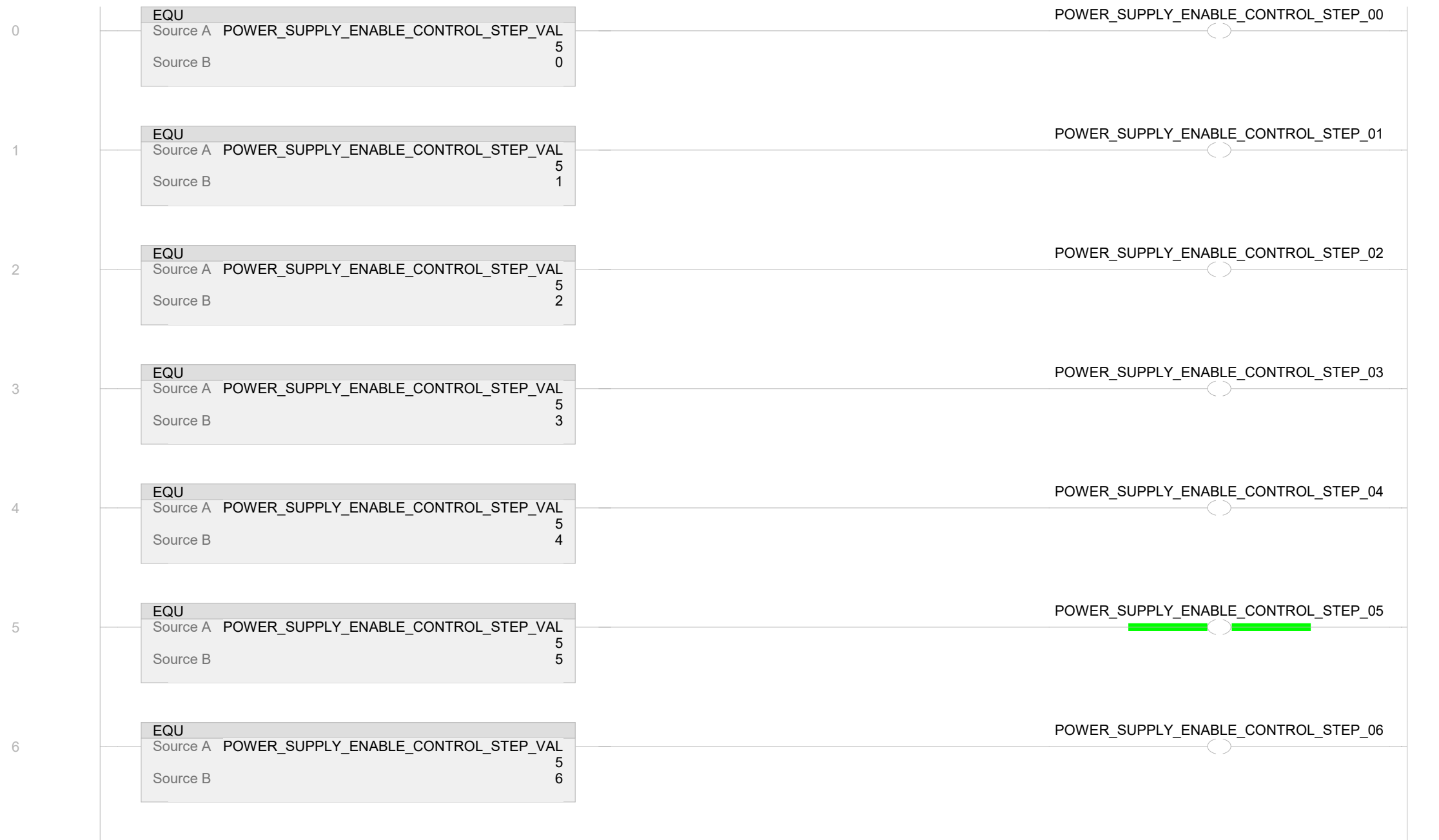
5

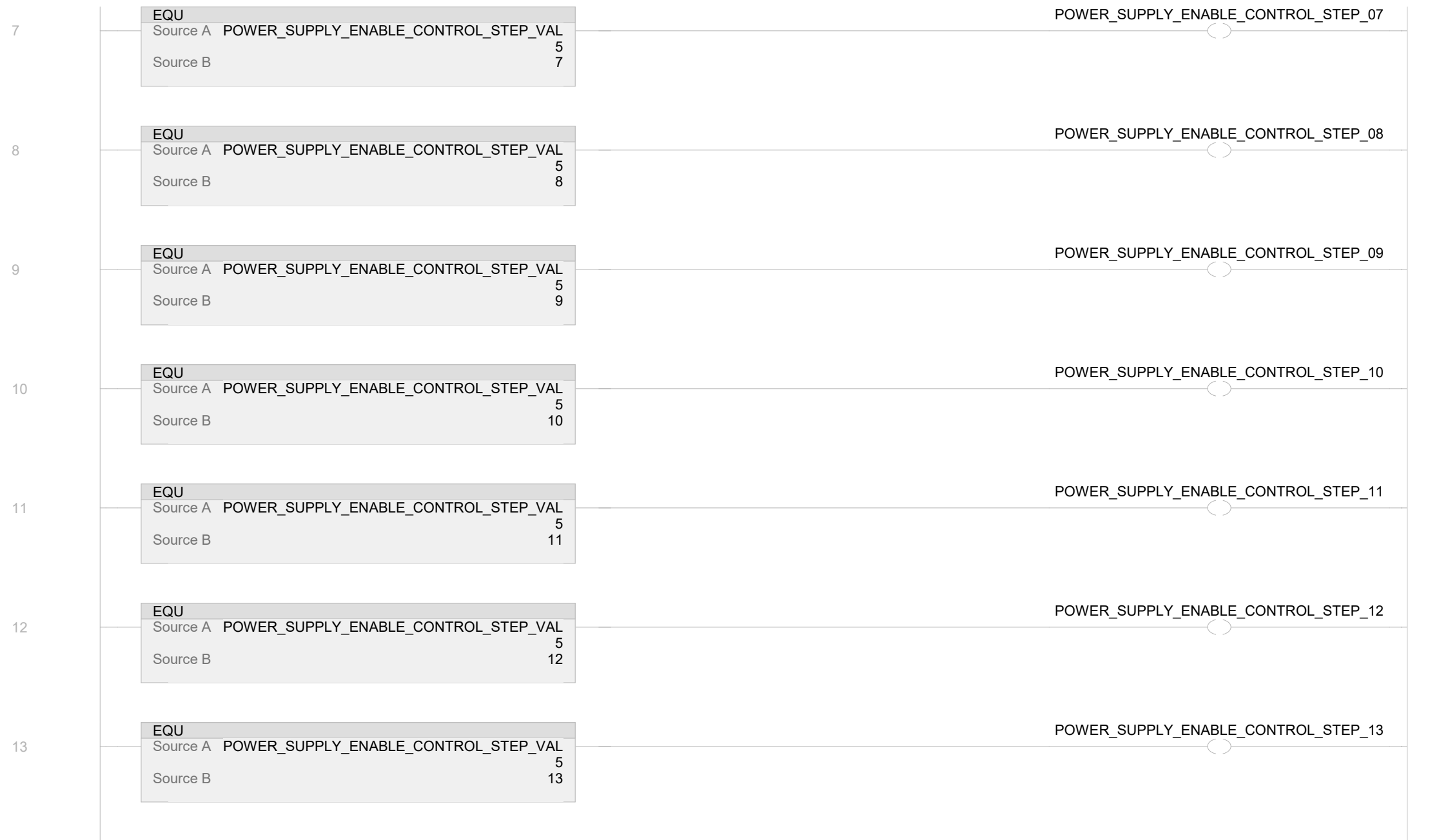


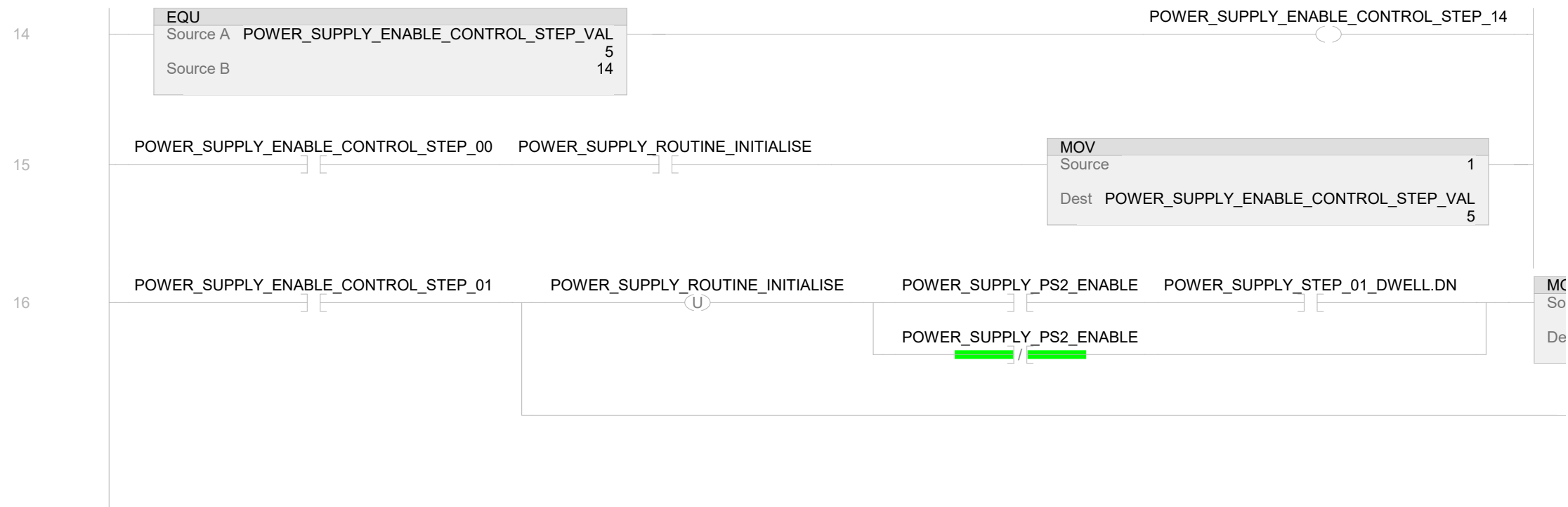


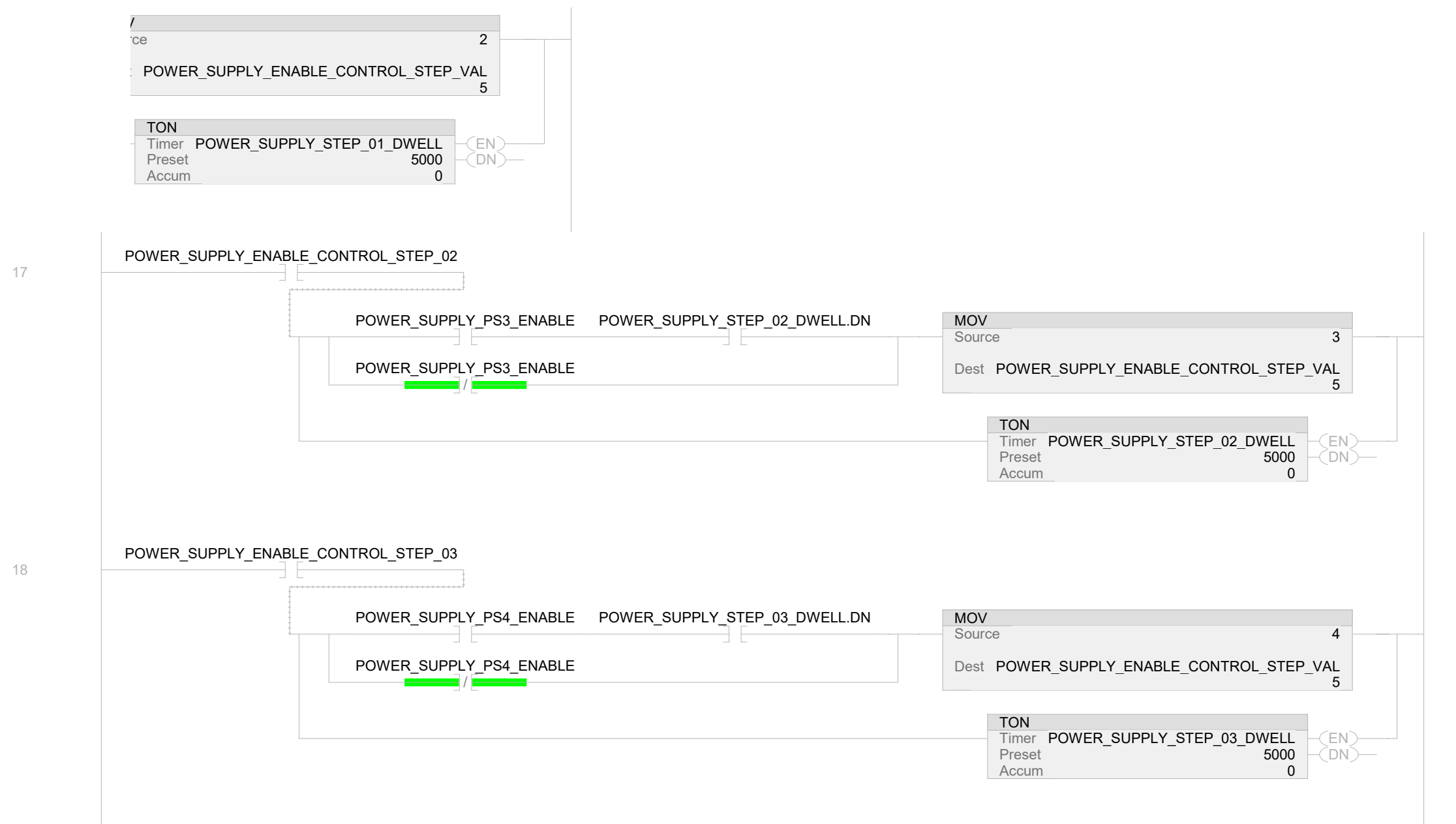






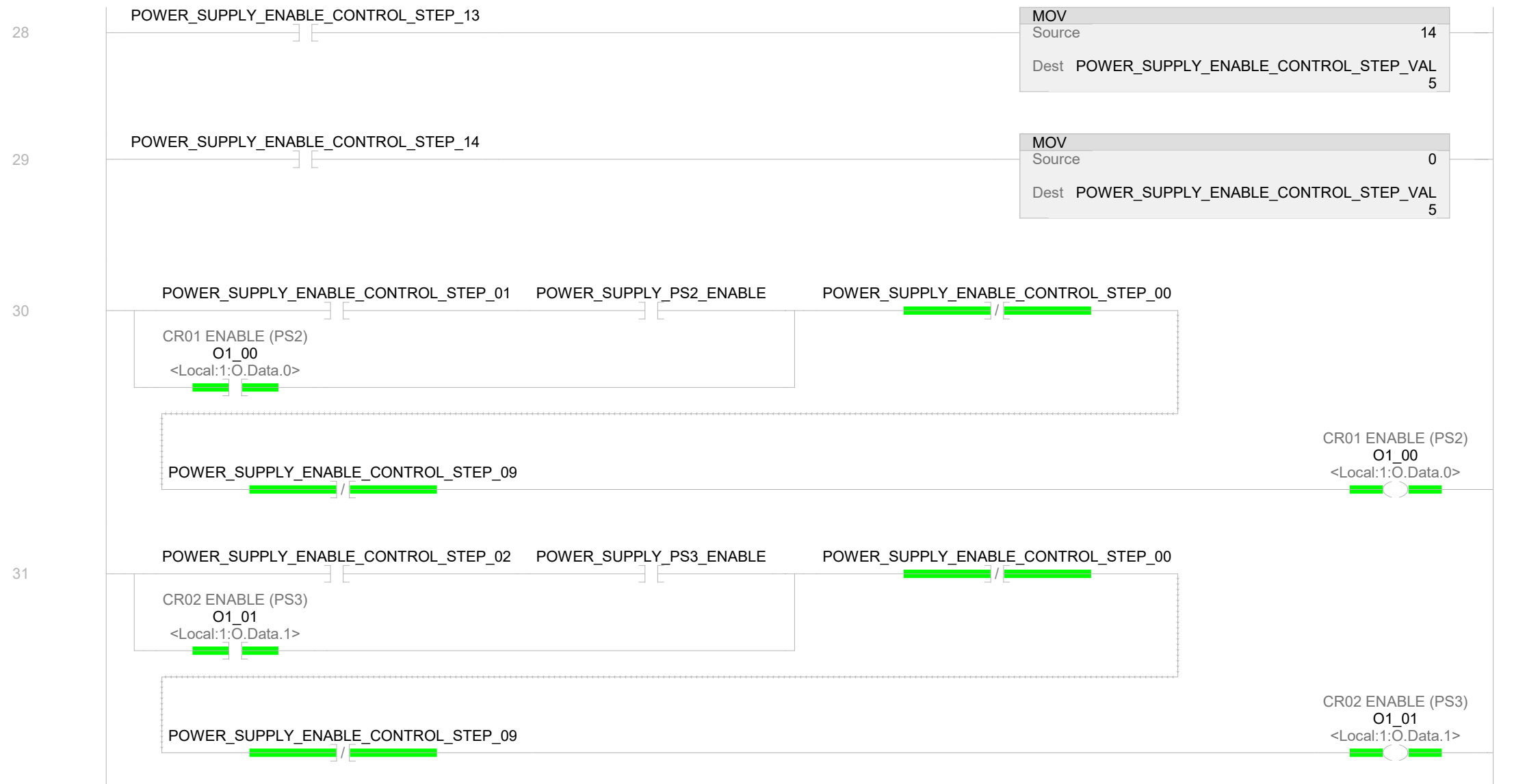




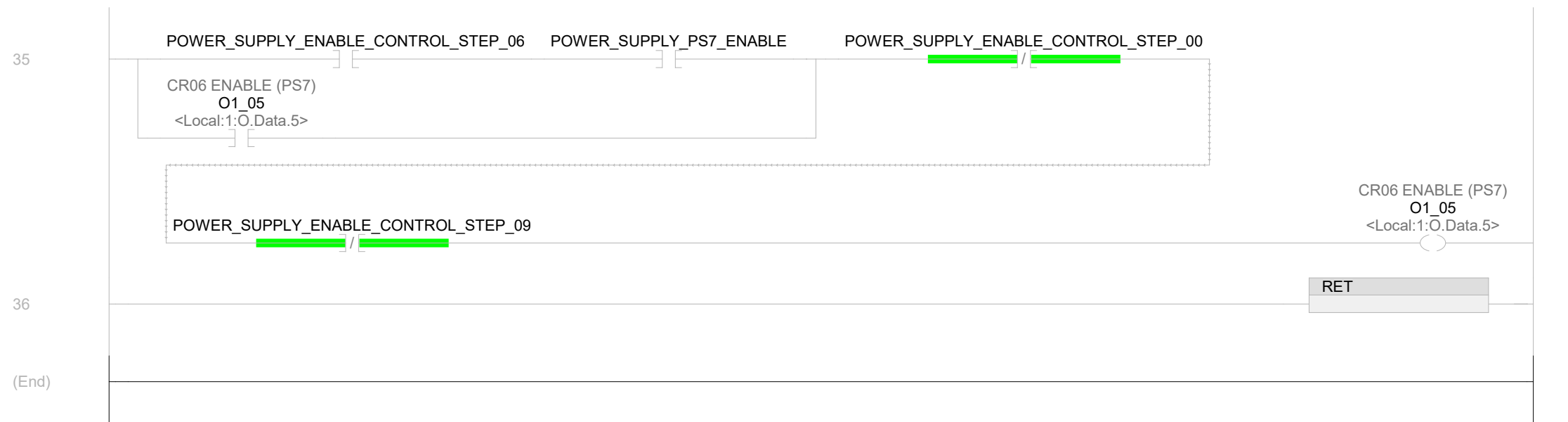


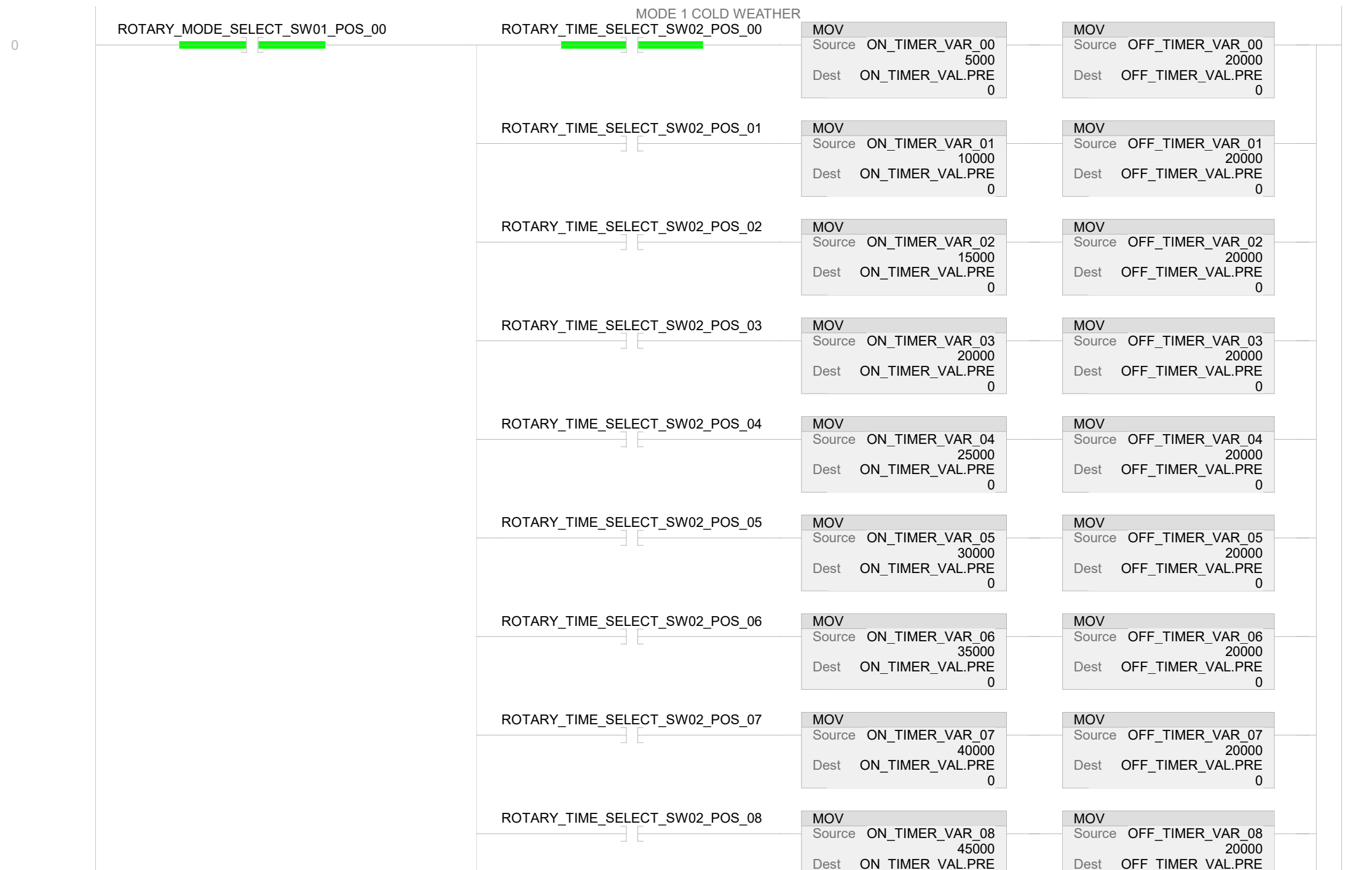


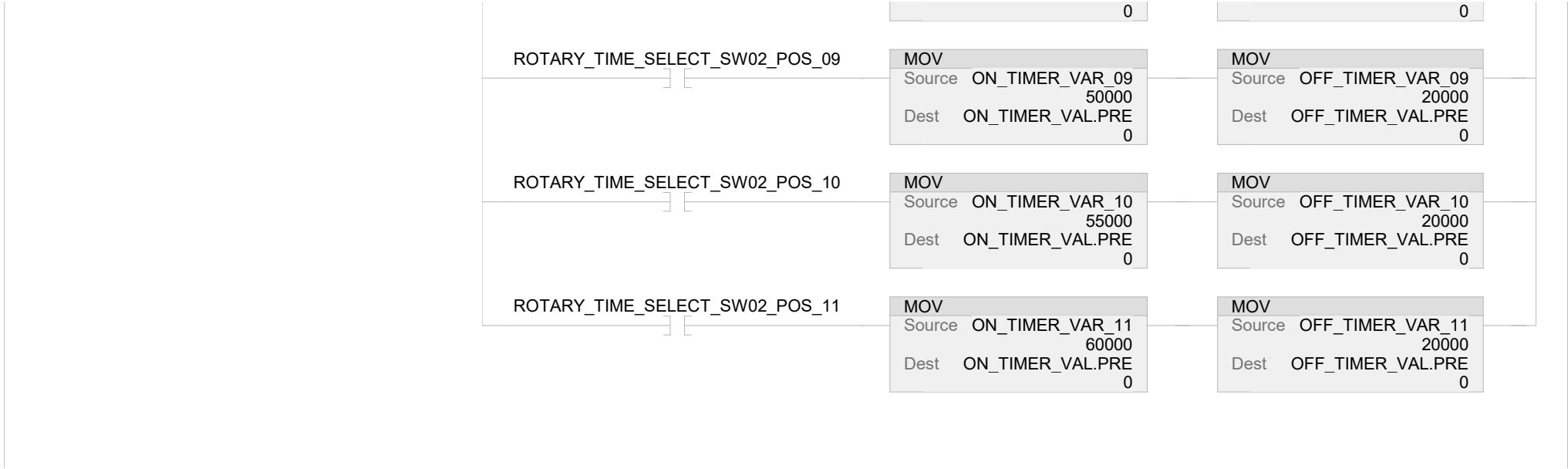


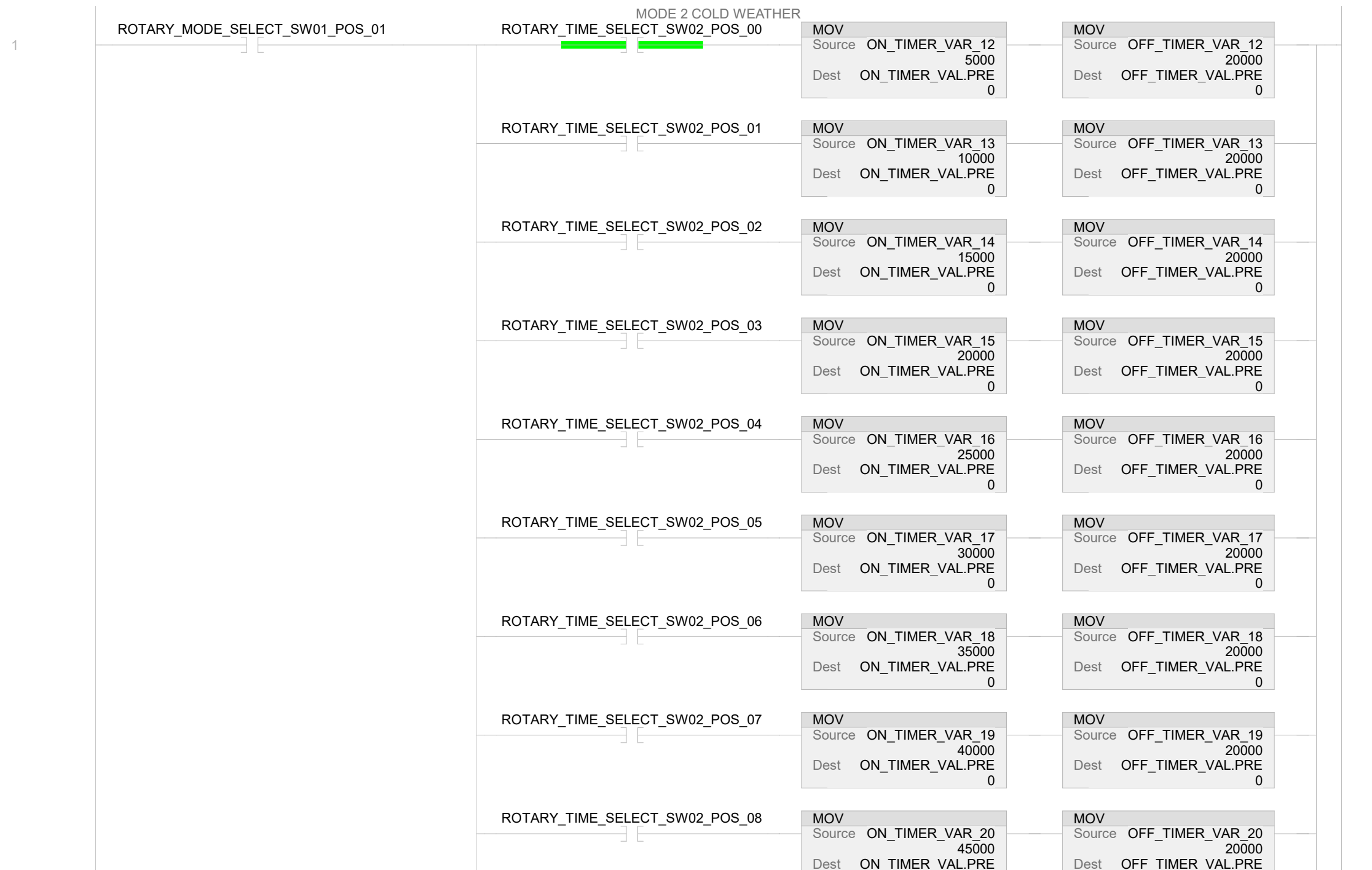


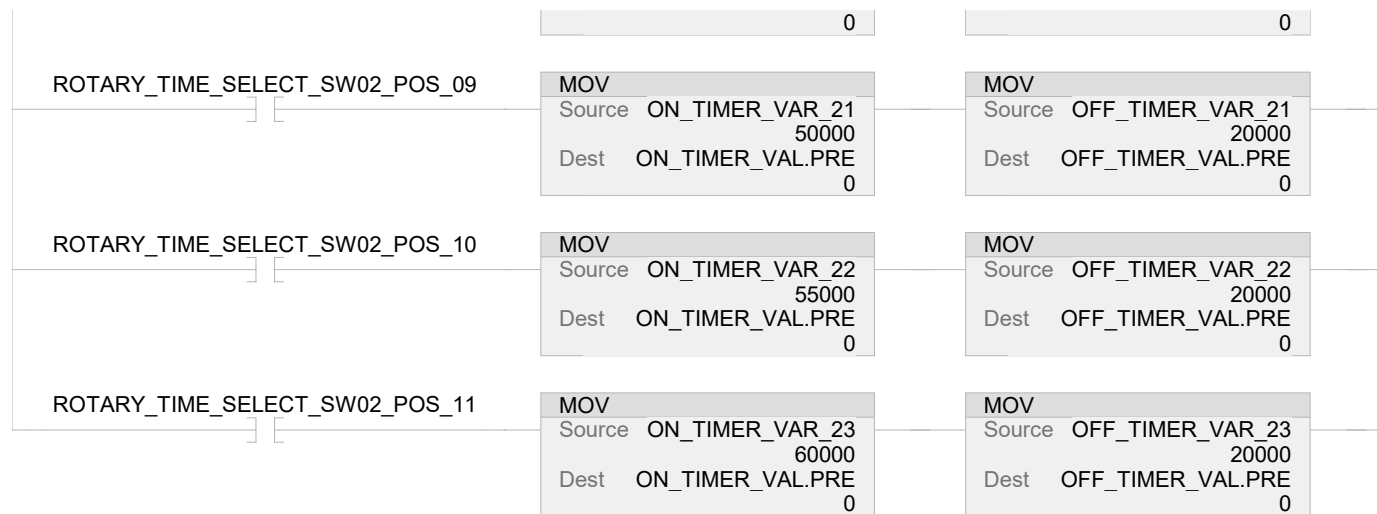


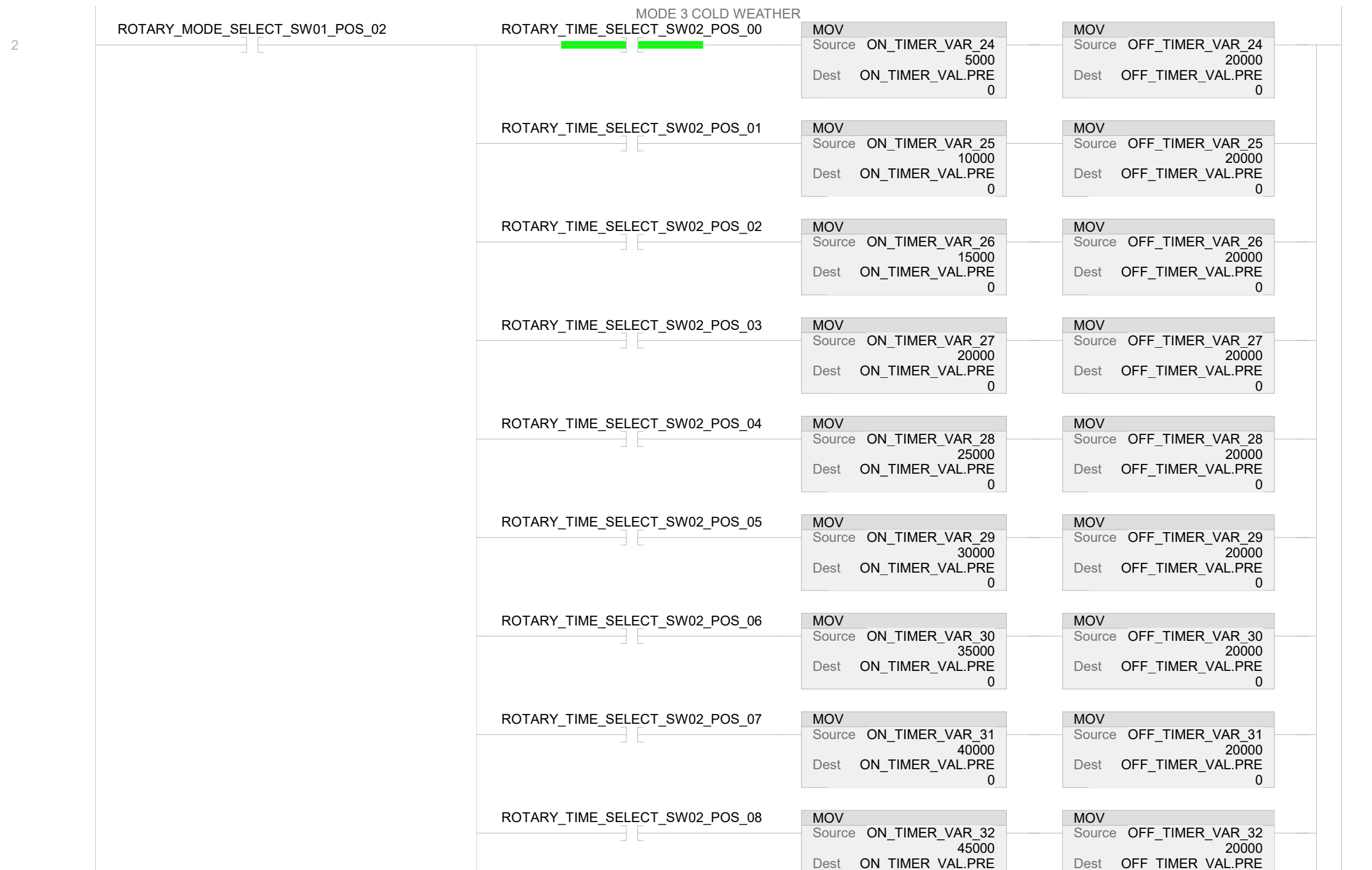


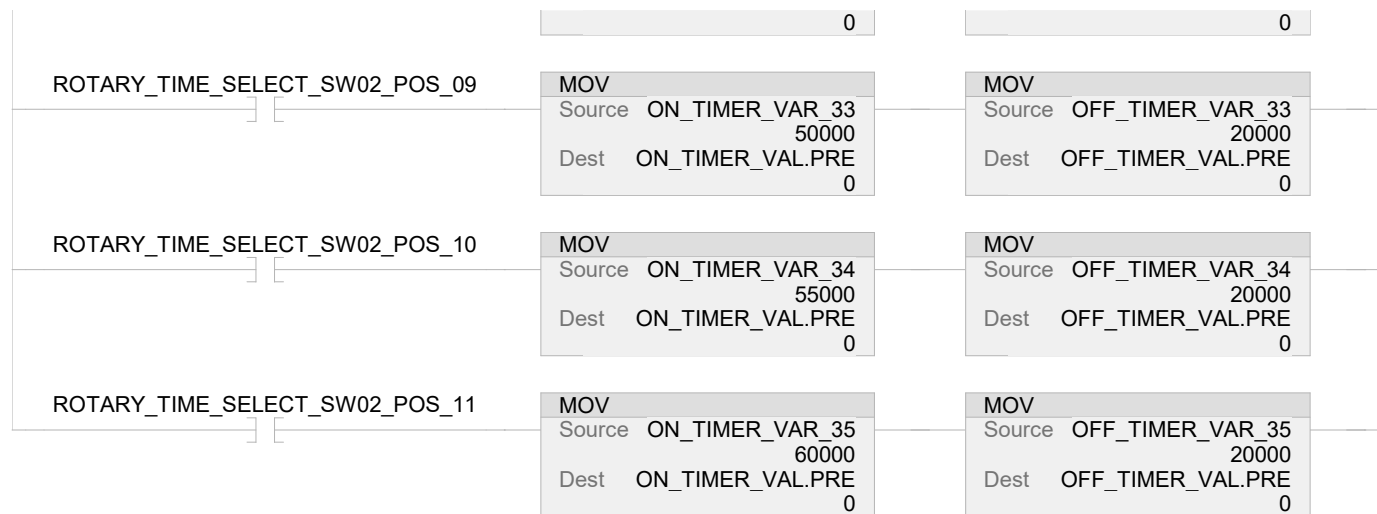


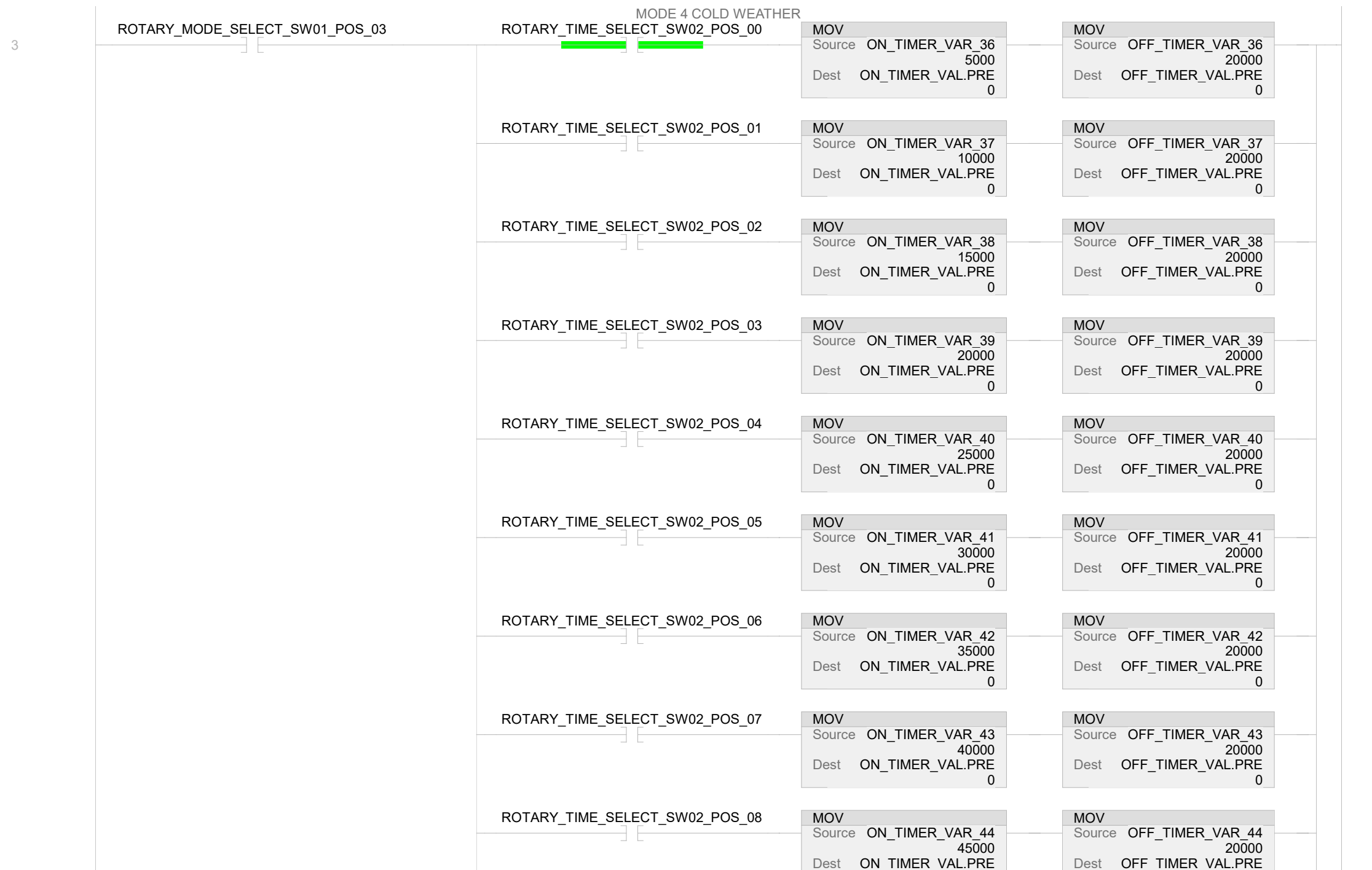


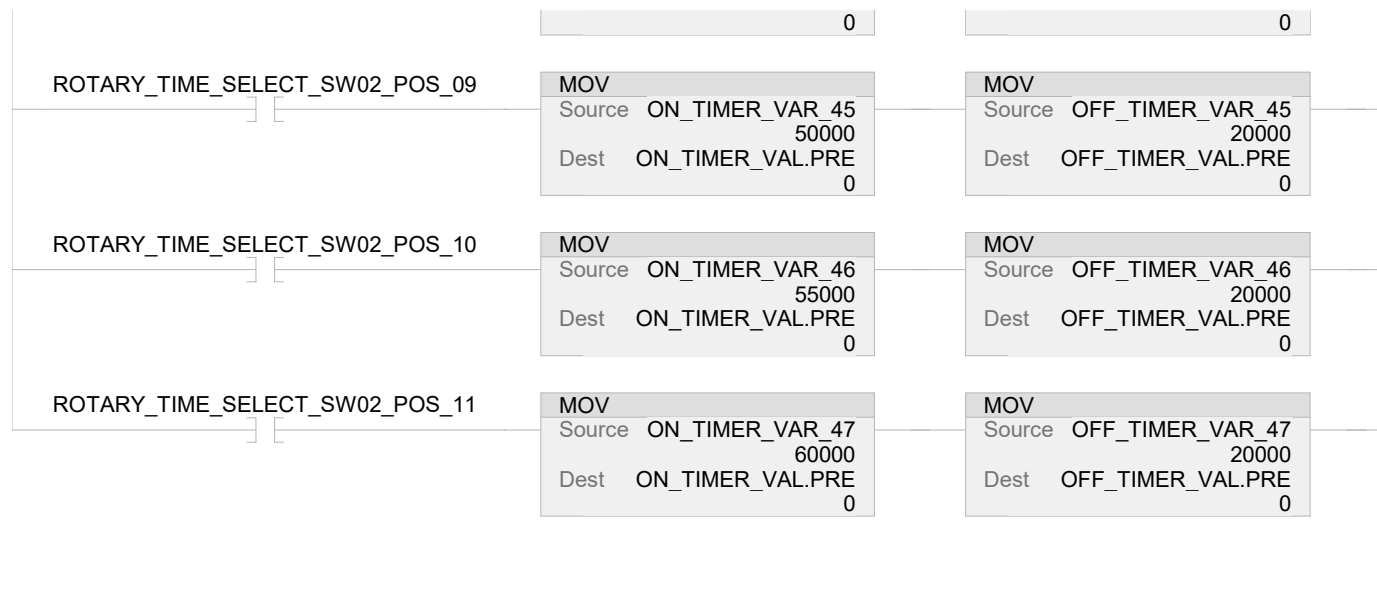


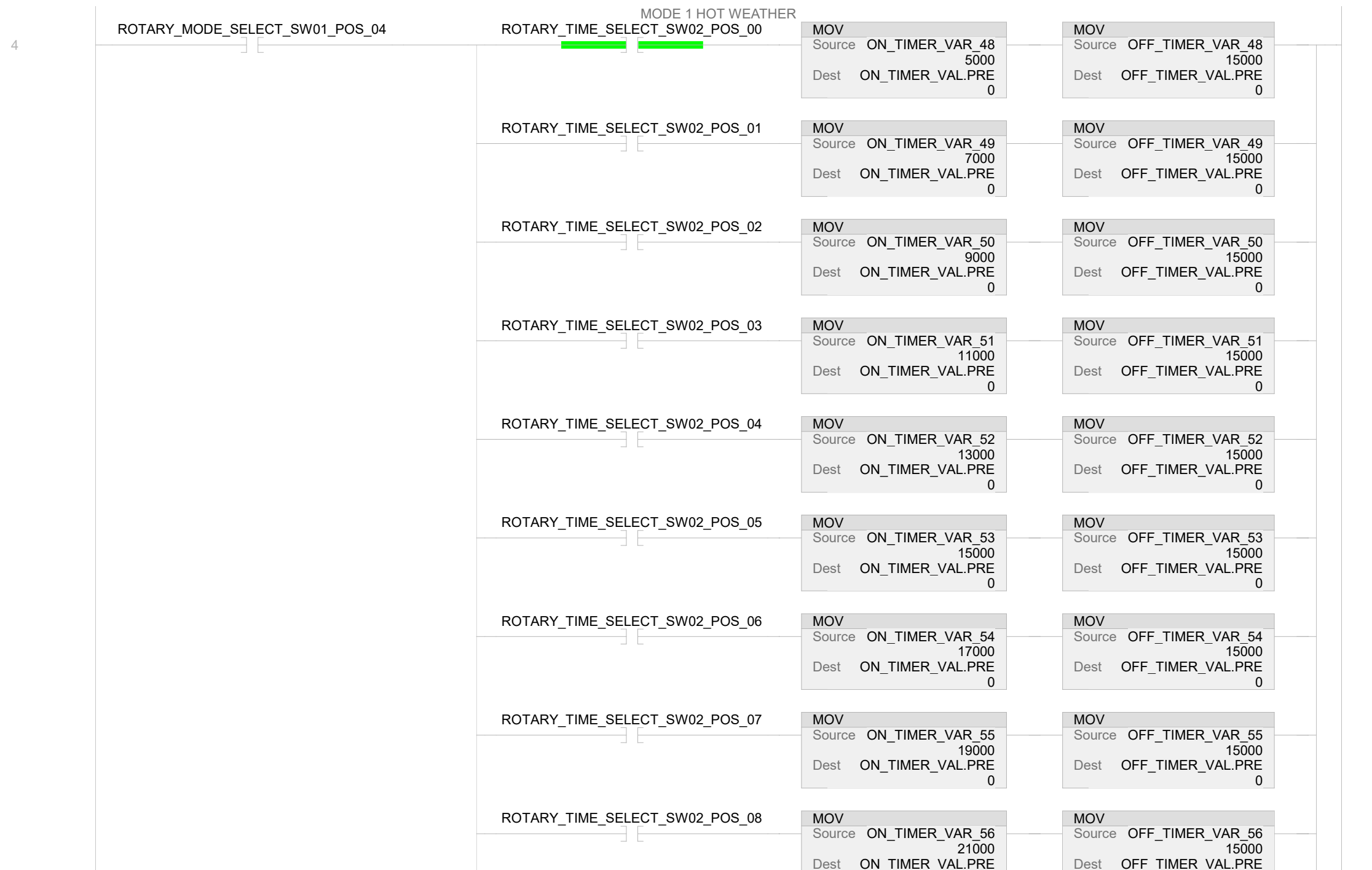


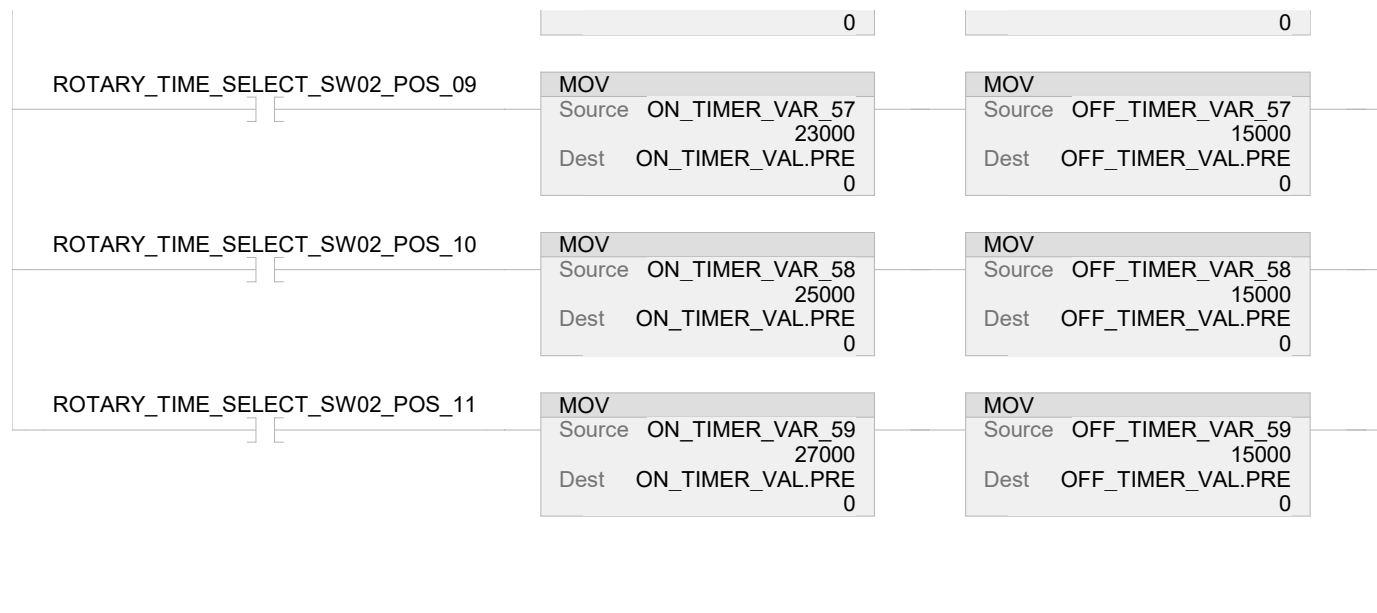


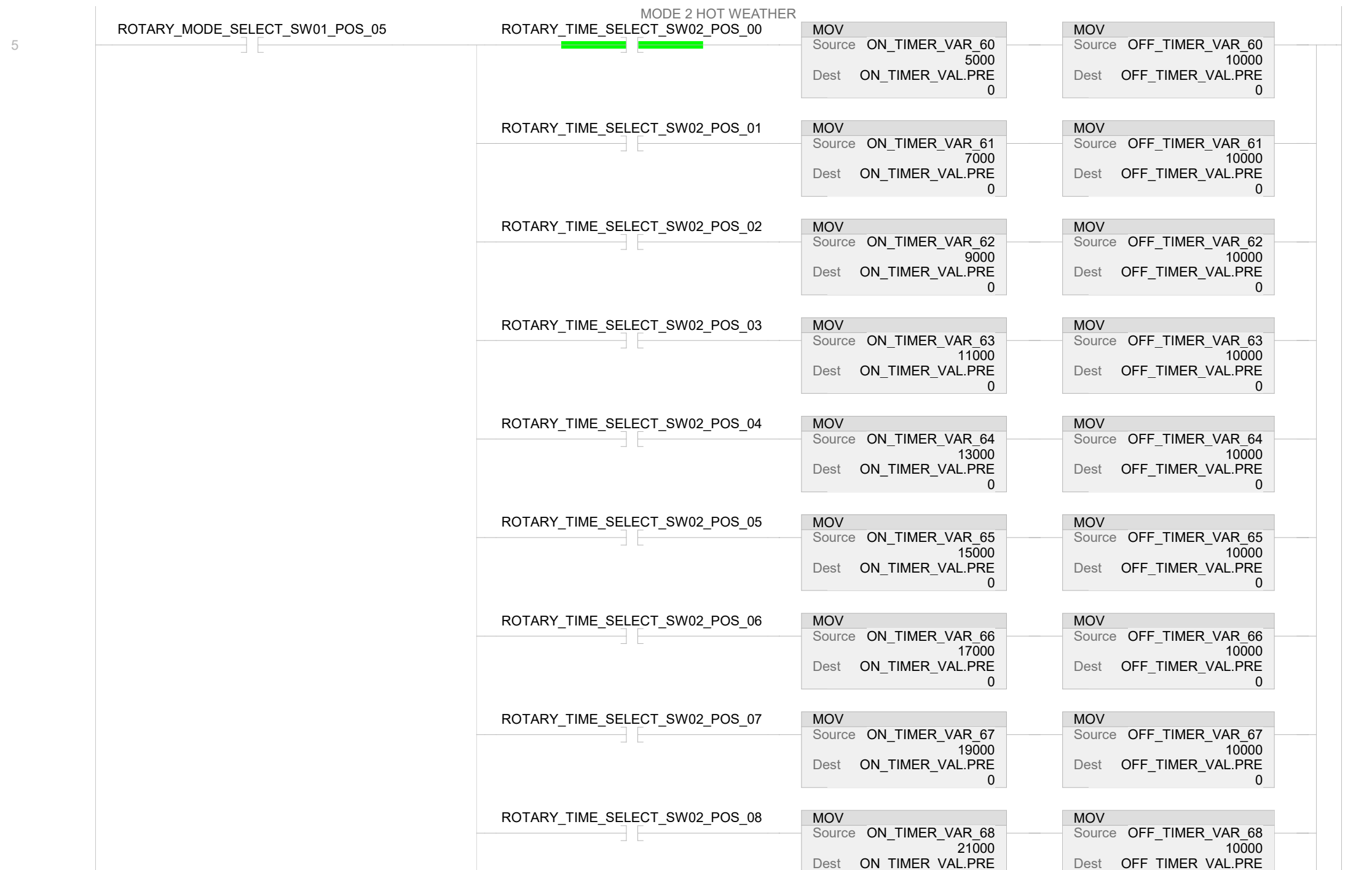


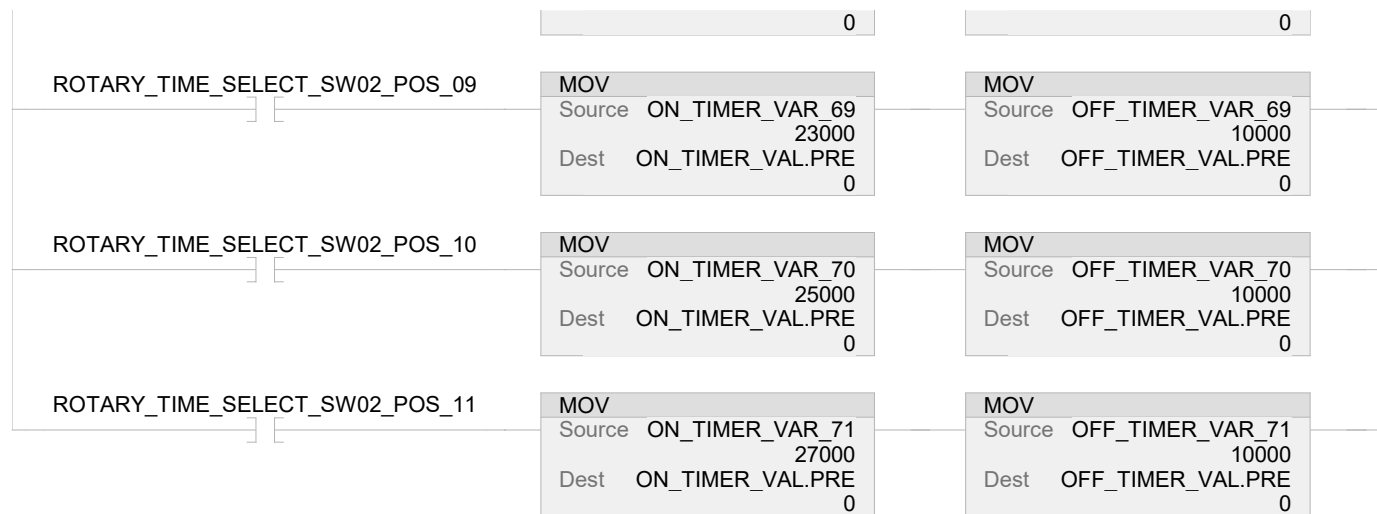


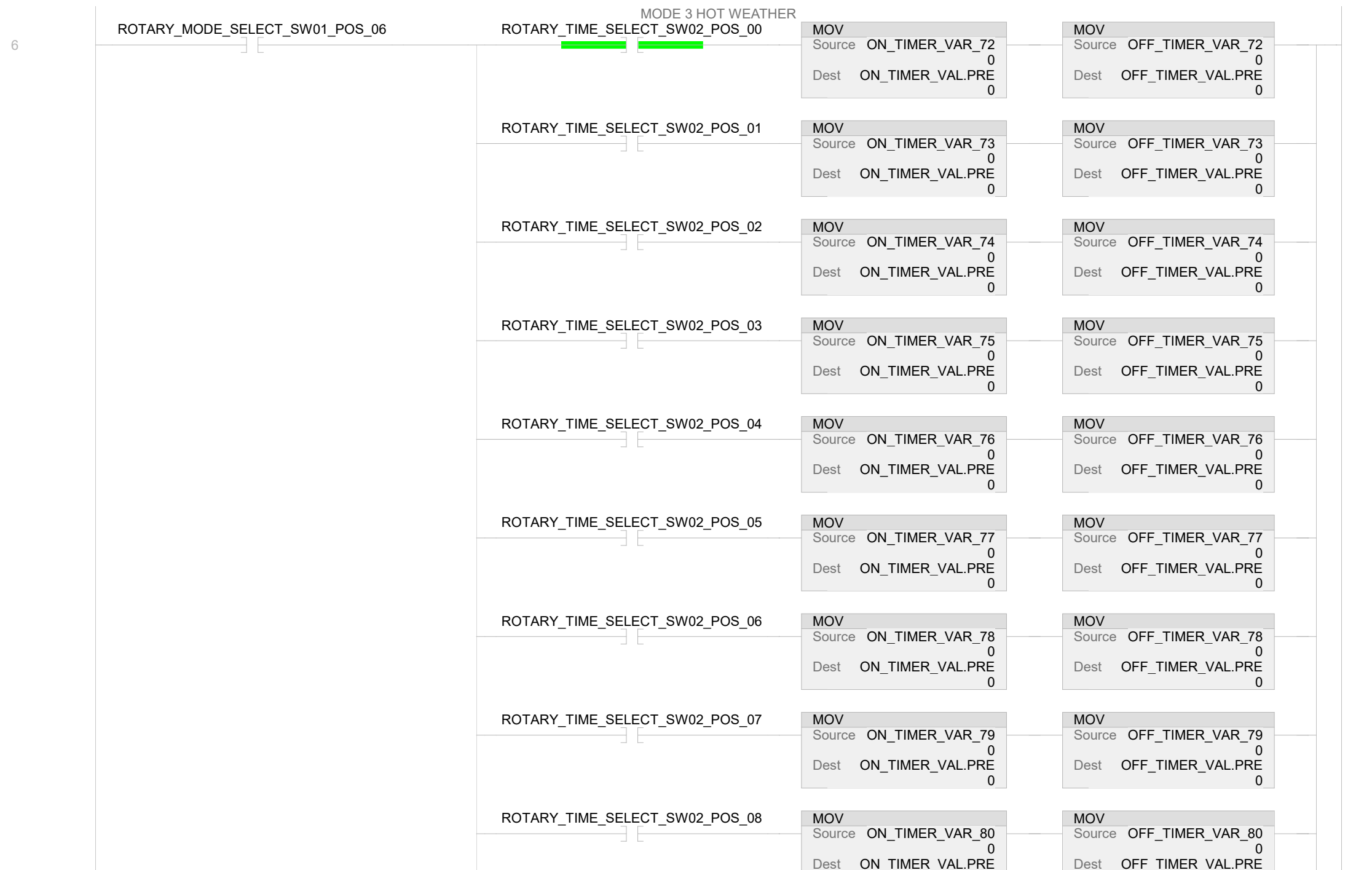


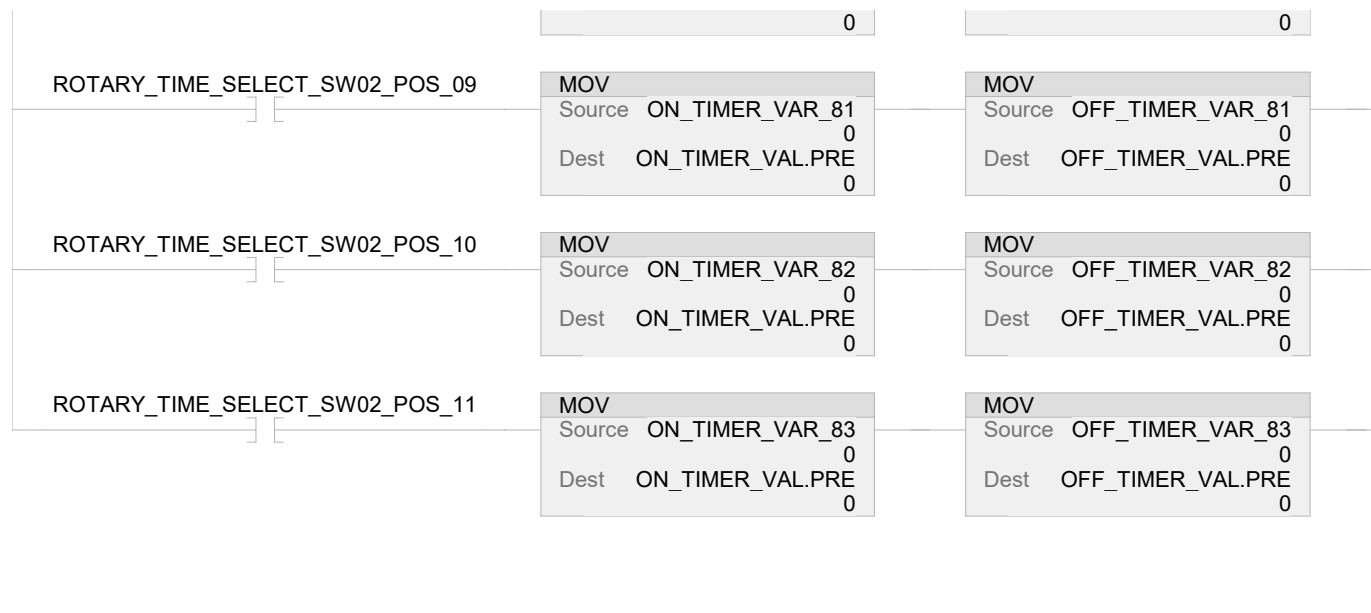


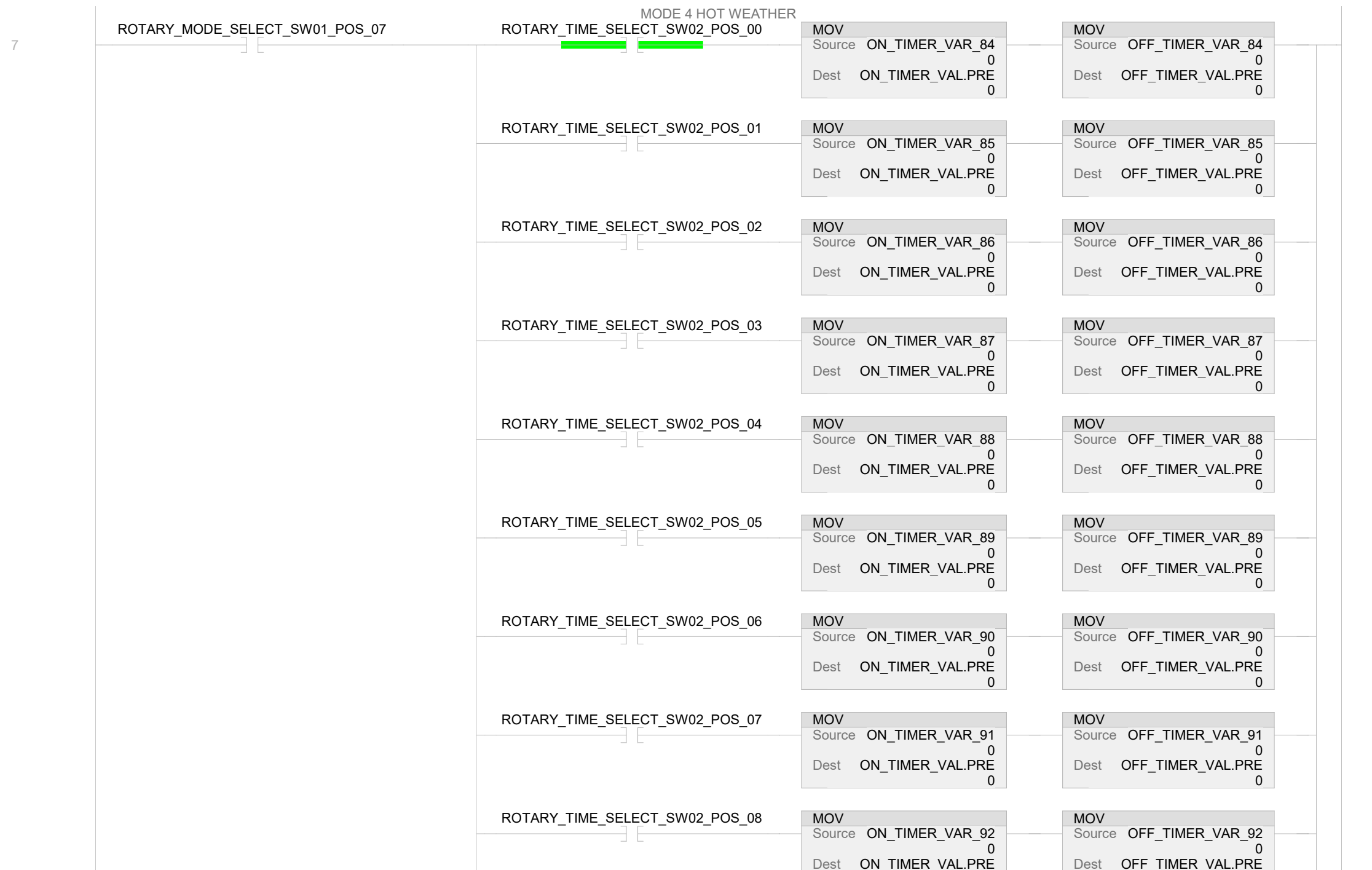


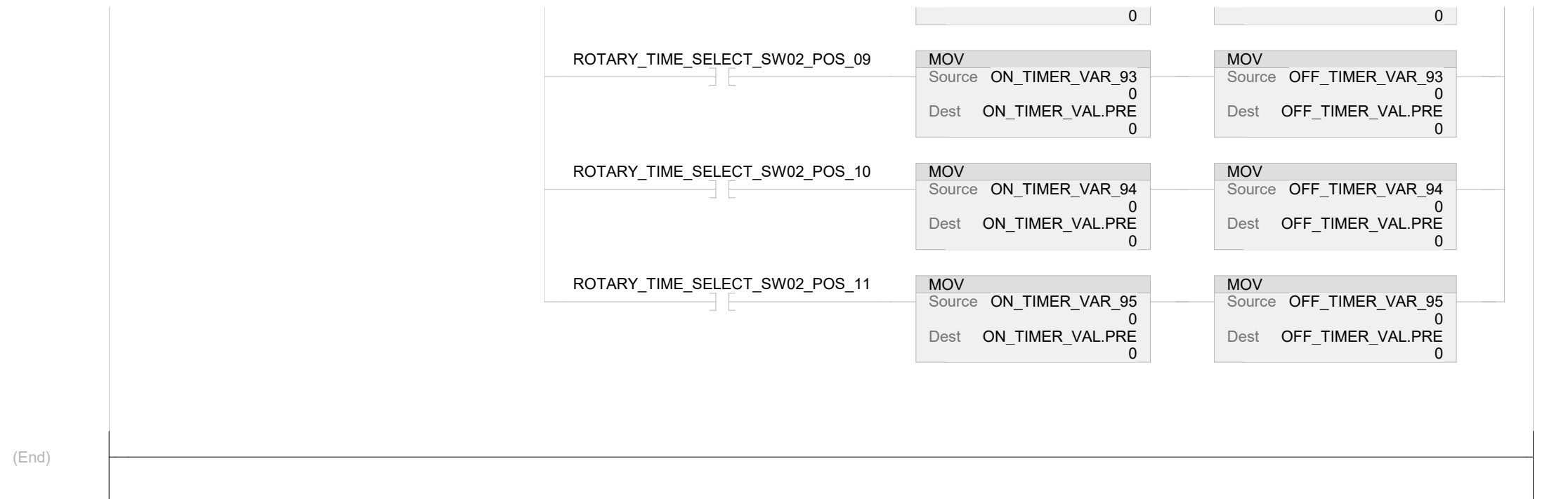












Data type Name: STRING

Description:

Size: 88 byte(s)

Name	Value	Data Type	Style
LEN		DINT	Decimal
External Access:	Read/Write		
DATA		SINT[82]	ASCII
External Access:	Read/Write		

Data type Name: STRING_16

Description:

Size: 20 byte(s)

Name	Value	Data Type	Style
LEN		DINT	Decimal
External Access:	Read/Write		
DATA		SINT[16]	ASCII
External Access:	Read/Write		

Data type Name: STRING_32

Description:

Size: 36 byte(s)

Name	Value	Data Type	Style
LEN		DINT	Decimal
External Access:	Read/Write		
DATA		SINT[32]	ASCII
External Access:	Read/Write		

1769 Bus : Local Modules



Local: [0] 1769-L24ER-QB1B Thermal_Target_System_v2

Type:	1769-L24ER-QB1B CompactLogix™ 5370	Parent:	Local
Vendor:	Rockwell Automation/Allen-Bradley	Vendor ID:	1
Slot:	0	Electronic Keying:	Disabled
Revision:	35.11	Status:	Standby
Module Fault:	Offline	Inhibit Flag	Off

Embedded I/O : Local Modules



Local: [1] Embedded Discrete_IO

Type:	Embedded 16 Point 24V DC Sink/Source Input /16 Point 24V DC Source Output	Parent:	Local
Vendor:	Rockwell Automation/Allen-Bradley	Vendor ID:	1
Slot:	1	Electronic Keying:	Compatible Module
Revision:	3.1	Status:	Standby
Module Fault:	Offline	Inhibit Flag	Off
Use Unicast:	No		

Module Defined Configuration Tag	Value	Data Type
Local:1:C		AB:Embedded_DiscreteIO1:C:0
.Filter0OffOn_0	0	BOOL
.Filter0OffOn_1	0	BOOL
.Filter0OffOn_2	0	BOOL
.Filter0OffOn_3	0	BOOL
.Filter0OnOff_4	0	BOOL
.Filter0OnOff_5	0	BOOL
.Filter0OnOff_6	0	BOOL
.Filter0OnOff_7	0	BOOL
.Filter1OffOn_0	0	BOOL
.Filter1OffOn_1	0	BOOL
.Filter1OffOn_2	0	BOOL
.Filter1OffOn_3	0	BOOL
.Filter1OnOff_4	0	BOOL
.Filter1OnOff_5	0	BOOL
.Filter1OnOff_6	0	BOOL
.Filter1OnOff_7	0	BOOL

Expansion I/O : Local Modules



Local: [2] 1769-IQ16F/A SLOT_02_INPUTS

Type:	1769-IQ16F/A 16 Point 24V DC High Speed Input	Parent:	Local
Vendor:	Rockwell Automation/Allen-Bradley	Vendor ID:	1

Slot:	2	Electronic Keying:	Compatible Module
Revision:	3.1	Status:	Standby
Module Fault:	Offline	Inhibit Flag	Off
Use Unicast:	No		

Module Defined Configuration Tag	Value	Data Type
Local:2:C		AB:1769_IQ16F:C:0
.FilterGroup0	2#0010_0010	SINT
.Filter0OffOn_0	0	BOOL
.Filter0OffOn_1	1	BOOL
.Filter0OffOn_2	0	BOOL
.Filter0OffOn_3	0	BOOL
.Filter0OnOff_4	0	BOOL
.Filter0OnOff_5	1	BOOL
.Filter0OnOff_6	0	BOOL
.Filter0OnOff_7	0	BOOL
.FilterGroup1	2#0010_0010	SINT
.Filter1OffOn_0	0	BOOL
.Filter1OffOn_1	1	BOOL
.Filter1OffOn_2	0	BOOL
.Filter1OffOn_3	0	BOOL
.Filter1OnOff_4	0	BOOL
.Filter1OnOff_5	1	BOOL
.Filter1OnOff_6	0	BOOL
.Filter1OnOff_7	0	BOOL

 Local: [3] 1769-OB16/B SLOT_03_OUTPUTS

Type:	1769-OB16/B 16 Point 24V DC Output,	Parent:	Local
Vendor:	Rockwell Automation/Allen-Bradley	Vendor ID:	1
Slot:	3	Electronic Keying:	Compatible Module
Revision:	2.1	Status:	Standby
Module Fault:	Offline	Inhibit Flag	Off
Use Unicast:	No		

Module Defined Configuration Tag	Value	Data Type
Local:3:C		AB:1769_DO16:C:0
.Config	2#0000_0000_0000_0000	INT
.ProgToFaultEn	0	BOOL
.ProgMode	2#0000_0000_0000_0000	INT
.ProgValue	2#0000_0000_0000_0000	INT
.FaultMode	2#0000_0000_0000_0000	INT

.FaultValue	2#0000_0000_0000_0000	INT
-------------	-----------------------	-----

Thermal_Target_System_v2	
Label does not exist	1
Tag Listing.....	3
MainTask	
MainProgram	
MainRoutine	
Ladder Diagram	65
MODE_01	
Ladder Diagram	80
MODE_02	
Ladder Diagram	84
MODE_03	
Ladder Diagram	88
MODE_04	
Ladder Diagram	92
MODE_05	
Ladder Diagram	97
MODE_06	
Ladder Diagram	101
MODE_07	
Ladder Diagram	105
MODE_08	
Ladder Diagram	109
OUTPUTS	
Ladder Diagram	113
POWER_SUPPLY_ENABLE_CONTROL	
Ladder Diagram	124
TIMER_PRESETS	
Ladder Diagram	133
Data Types	
Strings	149
Module Properties	
1769 Bus : Local Modules	152
Embedded I/O : Local Modules.....	152
Expansion I/O : Local Modules	152