

- Controller ABAB\_ABBA
- Controller Fault Handler
- Power-Up Handler

#### Tasks

- MainTask
  - MainProgram
    - MainRoutine

- Unscheduled Programs

#### Motion Groups

- Ungrouped Axes

#### Add-On Instructions

#### Data Types

- User-Defined
- Strings
  - STRING
- Add-On-Defined
- Module-Defined
  - AB:Embedded\_HSC:C:0
  - AB:Embedded\_HSC:I:0
  - AB:Embedded\_HSC:O:0
  - AB:Embedded\_HSC\_Struct\_Out:O:0
  - AB:Embedded\_IF4XOF2:C:0
  - AB:Embedded\_IF4XOF2:I:0
  - AB:Embedded\_IF4XOF2:O:0
  - AB:Embedded\_IQ16F:C:0
  - AB:Embedded\_IQ16F:I:0
  - AB:Embedded\_OB16:C:0
  - AB:Embedded\_OB16:I:0
  - AB:Embedded\_OB16:O:0

#### Trends

#### I/O Configuration

- CompactLogix5323E-QBFC1 System
- 1769-L23E-QBFC1 ABAB\_ABBA
- 1769-L23E-QBFC1 Ethernet Port LocalENB

**CompactBus Local**

Name	Value	Data Type	Scope
<b>A0</b>	0	BOOL	MainProgram
AliasFor:	Local:1:I.Data.1(C)		
Base Tag:	Local:1:I.Data.1(C)		
Constant	No		
External Access:	Read/Write		
<i>A0 - MainProgram/MainRoutine - 0(XIC), 3(XIC), 4(XIC), 9(XIC)</i>			
<b>A1</b>	0	BOOL	MainProgram
AliasFor:	Local:1:I.Data.2(C)		
Base Tag:	Local:1:I.Data.2(C)		
Constant	No		
External Access:	Read/Write		
<i>A1 - MainProgram/MainRoutine - 1(XIC), 2(XIC), 5(XIC), 6(XIC), 7(XIC), 8(XIC)</i>			
<b>ABAB_OFF</b>	0	BOOL	MainProgram
AliasFor:	Local:1:I.Data.11(C)		
Base Tag:	Local:1:I.Data.11(C)		
Constant	No		
External Access:	Read/Write		
<i>ABAB_OFF - MainProgram/MainRoutine - 0(XIO), 1(XIO), 2(XIO), 3(XIO), 4(XIC), 5(XIC), 6(XIC)</i>			
<b>ACIONA_10</b>	0	BOOL	MainProgram
AliasFor:	Local:1:I.Data.10(C)		
Base Tag:	Local:1:I.Data.10(C)		
Constant	No		
External Access:	Read/Write		
<i>ACIONA_10 - MainProgram/MainRoutine - 0(XIC), 4(XIC)</i>			
<b>AVANCO_A</b>	0	BOOL	MainProgram
AliasFor:	Local:2:O.Data.1(C)		
Base Tag:	Local:2:O.Data.1(C)		
Constant	No		
External Access:	Read/Write		
<i>AVANCO_A - MainProgram/MainRoutine - *0(OTE), *4(OTE)</i>			
<b>AVANCO_B</b>	0	BOOL	MainProgram
AliasFor:	Local:2:O.Data.2(C)		
Base Tag:	Local:2:O.Data.2(C)		
Constant	No		
External Access:	Read/Write		
<i>AVANCO_B - MainProgram/MainRoutine - *1(OTE), *5(OTE)</i>			
<b>B0</b>	0	BOOL	MainProgram
AliasFor:	Local:1:I.Data.3(C)		
Base Tag:	Local:1:I.Data.3(C)		
Constant	No		
External Access:	Read/Write		
<i>B0 - MainProgram/MainRoutine - 0(XIC), 1(XIC), 4(XIC), 5(XIC), 8(XIC), 9(XIC)</i>			
<b>B1</b>	0	BOOL	MainProgram
AliasFor:	Local:1:I.Data.4(C)		
Base Tag:	Local:1:I.Data.4(C)		
Constant	No		
External Access:	Read/Write		
<i>B1 - MainProgram/MainRoutine - 2(XIC), 3(XIC), 6(XIC), 7(XIC)</i>			
<b>Local:1:I</b>		AB:Embedded_IQ16F:I:0	ABAB_ABBA
External Access:	Read/Write		
<b>Local:1:I.Data.1</b>	0	BOOL	
<i>A0 - MainProgram/MainRoutine - 0(XIC), 3(XIC), 4(XIC), 9(XIC)</i>			
<b>Local:1:I.Data.2</b>	0	BOOL	
<i>A1 - MainProgram/MainRoutine - 1(XIC), 2(XIC), 5(XIC), 6(XIC), 7(XIC), 8(XIC)</i>			
<b>Local:1:I.Data.3</b>	0	BOOL	
<i>B0 - MainProgram/MainRoutine - 0(XIC), 1(XIC), 4(XIC), 5(XIC), 8(XIC), 9(XIC)</i>			
<b>Local:1:I.Data.4</b>	0	BOOL	
<i>B1 - MainProgram/MainRoutine - 2(XIC), 3(XIC), 6(XIC), 7(XIC)</i>			
<b>Local:1:I.Data.10</b>	0	BOOL	

**Local:1:I (Continued)**

ACIONA\_10 - MainProgram/MainRoutine - 0(XIC), 4(XIC)

**Local:1:I.Data.11** 0 BOOL

ABAB\_OFF - MainProgram/MainRoutine - 0(XIO), 1(XIO), 2(XIO), 3(XIO), 4(XIC), 5(XIC), 6(XIC)

**Local:2:O**

External Access: Read/Write

AB:Embedded\_OB16:O:0

ABAB\_ABBA

**Local:2:O.Data.0** 0 BOOL

M1 - MainProgram/MainRoutine - \*6(OTL), 5(XIO), 7(XIC), 8(XIC)

M1\_OFF - MainProgram/MainRoutine - \*9(OTU)

**Local:2:O.Data.1** 0 BOOL

AVANCO\_A - MainProgram/MainRoutine - \*0(OTE), \*4(OTE)

**Local:2:O.Data.2** 0 BOOL

AVANCO\_B - MainProgram/MainRoutine - \*1(OTE), \*5(OTE)

**Local:2:O.Data.3** 0 BOOL

RECUO\_A - MainProgram/MainRoutine - \*2(OTE), \*8(OTE)

**Local:2:O.Data.4** 0 BOOL

RECUO\_B - MainProgram/MainRoutine - \*3(OTE), \*7(OTE)

**M1**

AliasFor: Local:2:O.Data.0(C)

BOOL

MainProgram

Base Tag: Local:2:O.Data.0(C)

Constant No

External Access: Read/Write

M1 - MainProgram/MainRoutine - \*6(OTL), 5(XIO), 7(XIC), 8(XIC)

M1\_OFF - MainProgram/MainRoutine - \*9(OTU)

**M1\_OFF** 0 BOOL MainProgram

AliasFor: Local:2:O.Data.0(C)

Base Tag: Local:2:O.Data.0(C)

Constant No

External Access: Read/Write

M1\_OFF - MainProgram/MainRoutine - \*9(OTU)

M1 - MainProgram/MainRoutine - \*6(OTL), 5(XIO), 7(XIC), 8(XIC)

**RECUO\_A** 0 BOOL MainProgram

AliasFor: Local:2:O.Data.3(C)

Base Tag: Local:2:O.Data.3(C)

Constant No

External Access: Read/Write

RECUO\_A - MainProgram/MainRoutine - \*2(OTE), \*8(OTE)

**RECUO\_B** 0 BOOL MainProgram

AliasFor: Local:2:O.Data.4(C)

Base Tag: Local:2:O.Data.4(C)

Constant No

External Access: Read/Write

RECUO\_B - MainProgram/MainRoutine - \*3(OTE), \*7(OTE)

**MainRoutine - Ladder Diagram**

ABAB\_ABBA:MainTask:MainProgram

Total number of rungs in routine: 10



**ABAB\_ABBA**

Controller Organizer Listing .....	1
Tag Listing.....	3
<b>MainTask</b>	
<b>MainProgram</b>	
<b>MainRoutine</b>	
Ladder Diagram .....	5