

AOI_Alarm v1.0

Available Languages

Relay Ladder

AOI_Alarm		
AOI_Alarm	?	...
Trip_Cond	?	
PB_Ack	?	
PB_Reset	?	
Active	?	
Latched	?	
Ack	?	
Count	?	

Function Block

AOI_Alarm		
Trip_Cond	Active	
PB_Ack		
PB_Reset		
Latched	?	
Ack	?	
Count	?	

Structured Text

AOI_Alarm(Trip_Cond, PB_Ack, PB_Reset, Active, Latched, Ack, Count);

Parameters

Required	Name	Data Type	Usage	Description
X	AOI_Alarm	AOI_Alarm	InOut	
	EnableIn	BOOL	Input	
	EnableOut	BOOL	Output	
X	Trip_Cond	BOOL	Input	
X	PB_Ack	BOOL	Input	
X	PB_Reset	BOOL	Input	
X	Active	BOOL	Output	
X	Latched	BOOL	InOut	
X	Ack	BOOL	InOut	
X	Count	DINT	InOut	
	AutoClear	BOOL	Input	
	Code	DINT	Input	
	Severity	DINT	Input	

Extended Description

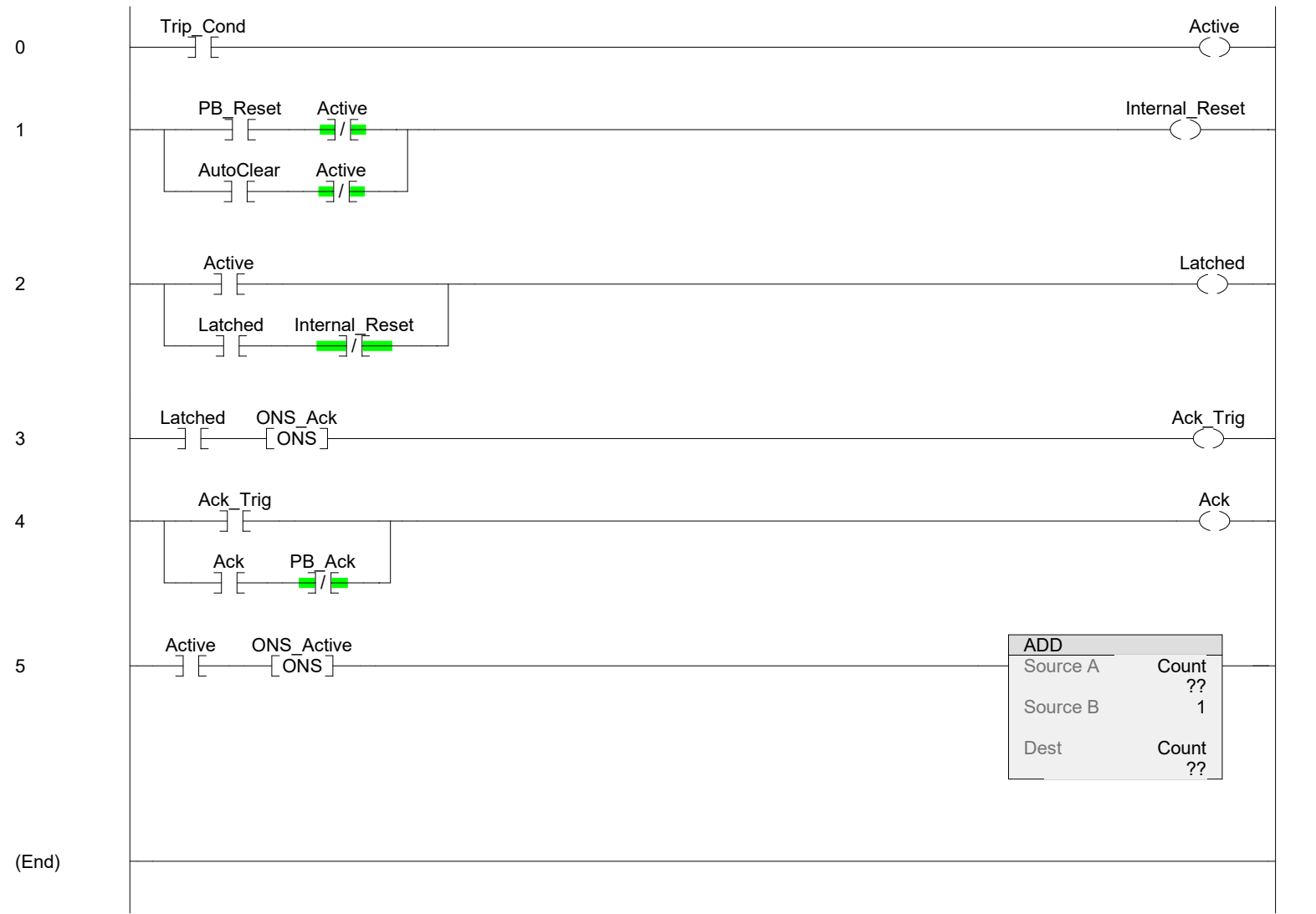
Execution

Condition	Description
EnableIn is true	

Revision v1.0 Notes

Name	Default	Data Type	Scope
Ack	??	BOOL	AOI_Alarm
Usage:	InOut Parameter		
Required:	Yes		
Visible:	Yes		
Constant	No		
Ack - AOI_Alarm/Logic - *4(OTE), 4(XIC)			
Active	0	BOOL	AOI_Alarm
Usage:	Output Parameter		
Required:	Yes		
Visible:	Yes		
External Access:	Read Only		
Active - AOI_Alarm/Logic - *0(OTE), 1(XIO), 2(XIC), 5(XIC)			
AutoClear	0	BOOL	AOI_Alarm
Usage:	Input Parameter		
Required:	No		
Visible:	No		
External Access:	Read/Write		
AutoClear - AOI_Alarm/Logic - 1(XIC)			
Count	??	DINT	AOI_Alarm
Usage:	InOut Parameter		
Required:	Yes		
Visible:	Yes		
Constant	No		
Count - AOI_Alarm/Logic - *5(ADD), 5(ADD)			
Latched	??	BOOL	AOI_Alarm
Usage:	InOut Parameter		
Required:	Yes		
Visible:	Yes		
Constant	No		
Latched - AOI_Alarm/Logic - *2(OTE), 2(XIC), 3(XIC)			
PB_Ack	0	BOOL	AOI_Alarm
Usage:	Input Parameter		
Required:	Yes		
Visible:	Yes		
External Access:	Read/Write		
PB_Ack - AOI_Alarm/Logic - 4(XIO)			
PB_Reset	0	BOOL	AOI_Alarm
Usage:	Input Parameter		
Required:	Yes		
Visible:	Yes		
External Access:	Read/Write		
PB_Reset - AOI_Alarm/Logic - 1(XIC)			
Trip_Cond	0	BOOL	AOI_Alarm
Usage:	Input Parameter		
Required:	Yes		
Visible:	Yes		
External Access:	Read/Write		
Trip_Cond - AOI_Alarm/Logic - 0(XIC)			

Name	Default	Data Type	Scope
Ack_Trig	0	BOOL	AOI_Alarm
Usage:	Local Tag		
External Access:	None		
<i>Ack_Trig - AOI_Alarm/Logic - *3(OTE), 4(XIC)</i>			
Internal_Reset	0	BOOL	AOI_Alarm
Usage:	Local Tag		
External Access:	None		
<i>Internal_Reset - AOI_Alarm/Logic - *1(OTE), 2(XIO)</i>			
ONS_Ack	0	BOOL	AOI_Alarm
Usage:	Local Tag		
External Access:	None		
<i>ONS_Ack - AOI_Alarm/Logic - *3(ONS)</i>			
ONS_Active	0	BOOL	AOI_Alarm
Usage:	Local Tag		
External Access:	None		
<i>ONS_Active - AOI_Alarm/Logic - *5(ONS)</i>			



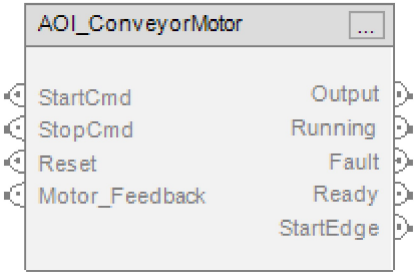
AOI_ConveyorMotor v1.0

Available Languages

Relay Ladder

AOI_ConveyorMotor		
AOI_ConveyorMotor	?	...
StartCmd	?	
StopCmd	?	
Reset	?	
Output	?	
Running	?	
Fault	?	
Motor_Feedback	?	
Ready	?	
StartEdge	?	

Function Block



Structured Text

AOI_ConveyorMotor(StartCmd, StopCmd, Reset, Output, Running, Fault, Motor_Feedback, Ready, StartEdge);

Parameters

Required	Name	Data Type	Usage	Description
X	AOI_ConveyorMotor	AOI_ConveyorMotor	InOut	
	EnableIn	BOOL	Input	
	EnableOut	BOOL	Output	
X	StartCmd	BOOL	Input	
X	StopCmd	BOOL	Input	
X	Reset	BOOL	Input	
X	Output	BOOL	Output	
X	Running	BOOL	Output	
X	Fault	BOOL	Output	
X	Motor_Feedback	BOOL	Input	
X	Ready	BOOL	Output	
X	StartEdge	BOOL	Output	

Extended Description

Execution

Condition	Description
EnableIn is true	

Revision v1.0 Notes

Name	Default	Data Type	Scope
Fault	0	BOOL	AOI_ConveyorMotor
Usage:	Output Parameter		
Required:	Yes		
Visible:	Yes		
External Access:	Read/Write		
Fault - AOI_ConveyorMotor/Logic - *5(OTE), 5(XIC), 7(XIO)			
Motor_Feedback	0	BOOL	AOI_ConveyorMotor
Usage:	Input Parameter		
Required:	Yes		
Visible:	Yes		
External Access:	Read/Write		
Motor_Feedback - AOI_ConveyorMotor/Logic - *3(OTE), 4(XIO), 6(XIC)			
Output	0	BOOL	AOI_ConveyorMotor
Usage:	Output Parameter		
Required:	Yes		
Visible:	Yes		
External Access:	Read/Write		
Output - AOI_ConveyorMotor/Logic - *3(OTE), 6(XIC)			
Ready	0	BOOL	AOI_ConveyorMotor
Usage:	Output Parameter		
Required:	Yes		
Visible:	Yes		
External Access:	Read/Write		
Ready - AOI_ConveyorMotor/Logic - *7(OTE)			
Reset	0	BOOL	AOI_ConveyorMotor
Usage:	Input Parameter		
Required:	Yes		
Visible:	Yes		
External Access:	Read/Write		
Reset - AOI_ConveyorMotor/Logic - 5(XIO)			
Running	0	BOOL	AOI_ConveyorMotor
Usage:	Output Parameter		
Required:	Yes		
Visible:	Yes		
External Access:	Read/Write		
Running - AOI_ConveyorMotor/Logic - *6(OTE)			
StartCmd	0	BOOL	AOI_ConveyorMotor
Usage:	Input Parameter		
Required:	Yes		
Visible:	Yes		
External Access:	Read/Write		
StartCmd - AOI_ConveyorMotor/Logic - 0(XIC)			
StartEdge	0	BOOL	AOI_ConveyorMotor
Usage:	Output Parameter		
Required:	Yes		
Visible:	Yes		
External Access:	Read Only		
StartEdge - AOI_ConveyorMotor/Logic - *0(OTE), 2(XIC)			
StopCmd	0	BOOL	AOI_ConveyorMotor
Usage:	Input Parameter		
Required:	Yes		
Visible:	Yes		
External Access:	Read/Write		
StopCmd - AOI_ConveyorMotor/Logic - 1(XIC)			

Name	Default	Data Type	Scope
ONS_StartEdge Usage: External Access: <i>ONS_StartEdge - AOI_ConveyorMotor/Logic - *0(ONS)</i>	0 Local Tag None	BOOL	AOI_ConveyorMotor
ONS_StopEdge Usage: External Access: <i>ONS_StopEdge - AOI_ConveyorMotor/Logic - *1(ONS)</i>	0 Local Tag None	BOOL	AOI_ConveyorMotor
StartLatch Usage: External Access: <i>StartLatch - AOI_ConveyorMotor/Logic - *2(OTE), 2(XIC), 3(XIC), 4(XIC)</i>	0 Local Tag None	BOOL	AOI_ConveyorMotor
StopEdge Usage: External Access: <i>StopEdge - AOI_ConveyorMotor/Logic - *1(OTE), 2(XIO)</i>	0 Local Tag None	BOOL	AOI_ConveyorMotor
TMR_FaultCheck Usage: External Access: <i>TMR_FaultCheck - AOI_ConveyorMotor/Logic - *4(TON)</i>	Local Tag None	TIMER	AOI_ConveyorMotor
TMR_FaultCheck.DN <i>TMR_FaultCheck.DN - AOI_ConveyorMotor/Logic - 5(XIC)</i>	0	BOOL	

