

DPAS

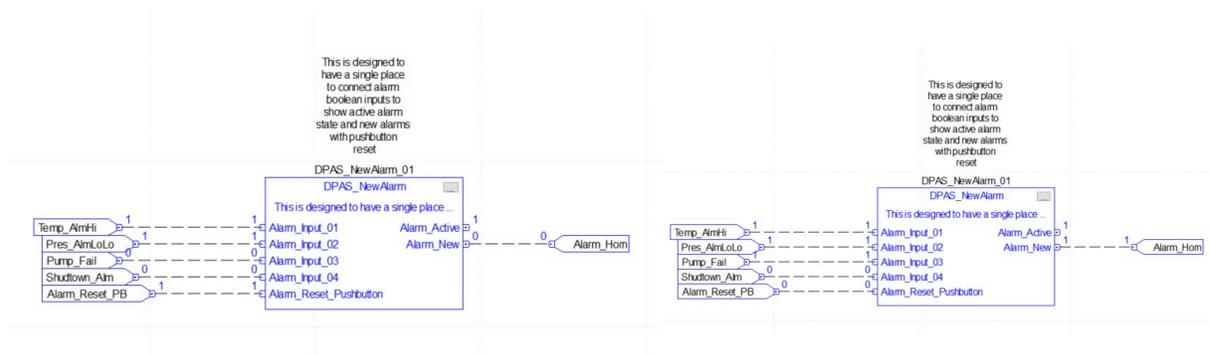
“NewAlarm” A Rockwell Logix v21 Add On Instruction (AOI)

This AOI was developed to provide a simple and clean way to distinguish a new alarm condition from an active alarm condition for a process area. The new alarm can be used to drive an annunciator (alarm horn) and a reset button can silence the horn while preserving the active alarm state.

The parameters on the AOI are as follows:

Name	Usage	Data Type	Alias For	Default	Style	Re	Vis	Description	External Acces	Constant
Alarm_Input_09	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 09	Read/Write	<input type="checkbox"/>
Alarm_Input_10	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 10	Read/Write	<input type="checkbox"/>
Alarm_Input_11	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 11	Read/Write	<input type="checkbox"/>
Alarm_Input_12	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 12	Read/Write	<input type="checkbox"/>
Alarm_Input_13	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 13	Read/Write	<input type="checkbox"/>
Alarm_Input_14	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 14	Read/Write	<input type="checkbox"/>
Alarm_Input_15	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 15	Read/Write	<input type="checkbox"/>
Alarm_Input_16	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 16	Read/Write	<input type="checkbox"/>
Alarm_Input_17	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 17	Read/Write	<input type="checkbox"/>
Alarm_Input_18	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 18	Read/Write	<input type="checkbox"/>
Alarm_Input_19	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 19	Read/Write	<input type="checkbox"/>
Alarm_Input_20	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 20	Read/Write	<input type="checkbox"/>
Alarm_Input_21	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 21	Read/Write	<input type="checkbox"/>
Alarm_Input_22	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 22	Read/Write	<input type="checkbox"/>
Alarm_Input_23	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 23	Read/Write	<input type="checkbox"/>
Alarm_Input_24	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 24	Read/Write	<input type="checkbox"/>
Alarm_Input_25	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 25	Read/Write	<input type="checkbox"/>
Alarm_Input_26	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 26	Read/Write	<input type="checkbox"/>
Alarm_Input_27	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 27	Read/Write	<input type="checkbox"/>
Alarm_Input_28	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 28	Read/Write	<input type="checkbox"/>
Alarm_Input_29	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 29	Read/Write	<input type="checkbox"/>
Alarm_Input_30	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 30	Read/Write	<input type="checkbox"/>
Alarm_Input_31	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 31	Read/Write	<input type="checkbox"/>
Alarm_Input_32	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input type="checkbox"/>	Alarm input connection 32	Read/Write	<input type="checkbox"/>
Alarm_Active	Output	BOOL		0	Decim...	<input type="checkbox"/>	<input checked="" type="checkbox"/>	There is an active alarm	Read/Write	<input type="checkbox"/>
Alarm_Reset_Pushbutton	Input	BOOL		0	Decim...	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Pushbutton to reset the alarm condition	Read/Write	<input type="checkbox"/>
Alarm_New	Output	BOOL		0	Decim...	<input type="checkbox"/>	<input checked="" type="checkbox"/>	There is a new alarm that has not been reset	Read/Write	<input type="checkbox"/>

In runtime, it appears as:





This AOI (DPAS_AOI_NewAlarm.L5X) was developed in Logix v21. It can be imported into any later version of Logix.

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