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9 Alarm Indicator



Figure 1. The alarm indicator standard function

9.1 Description

The standard function of the alarm indicator is used for monitoring input signals. The main functionality is as listed below:

- Status information

The Alarm indicator has the following sub-functionality:

- Time stamp for last alarm
- Alarm state/acknowledgement

9.2 Features/Options

- Free choice of the symbol sets for presentation of the alarm indicator
- Picture function presented with or without a push button
- Versatile configuration
- Help in all dialogs
- Acknowledging alarms
- Blockings

9.3 Alarm Indicator Dialogs

This chapter describes the dialogs of the MV Process Alarm indicator. These dialogs are found in the directory LIB4/FMOD/MVPROCESS/USE and they can be opened by clicking the Alarm indicator picture function or the More... menu in the Alarm indicator main control dialog.

9.3.1 Object Presentation

The current state is presented by different symbols. The color of the symbol gives additional information about the status. Please refer to the General chapter in the MV Process Operator's Manual regarding the color and the corresponding status.

9.3.2 Main Control Dialog

The alarm indicator main control dialog is aimed for monitoring the alarming state of input signals. The status and alarm class of each signal can be seen in the representations shown to the right in the main dialog.

Functionality

The time stamp of the last alarm state change can be viewed by clicking the button beside the signal text. Access to other supported features is provided by the subdialog's More... button. Help for each subdialog is found by clicking the Help button in the subdialog.

Figure 2 presents the main control dialog for the Alarm indicator which is opened by clicking the picture function.

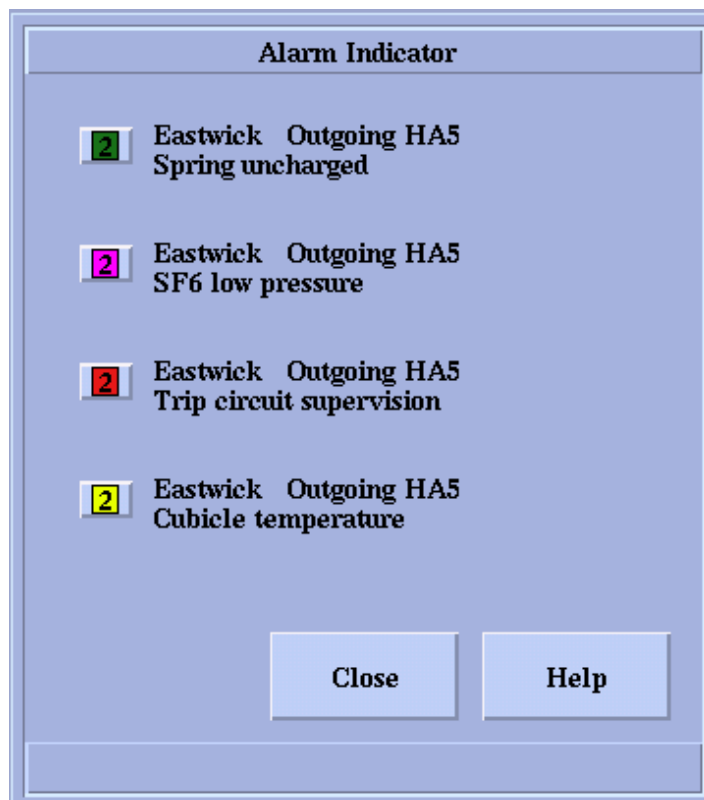


Figure 2. Main control dialog for the Alarm indicator (FPU_AIA.PIC)

The object identification text (OI+OX) of each signal connected to alarm indicator is shown beside the status symbol.

Button	Functionality
Status buttons	This button opens a subdialog where the time stamp for last alarm can be viewed.
Cancel	Closes the dialog and its sub-dialogs.
Help	Opens the general LIB 510 help dialog with the help text file FPU_AIA.HLP.

Figure 3 presents the last alarm dialog which is opened by clicking the status button on the main control dialog .

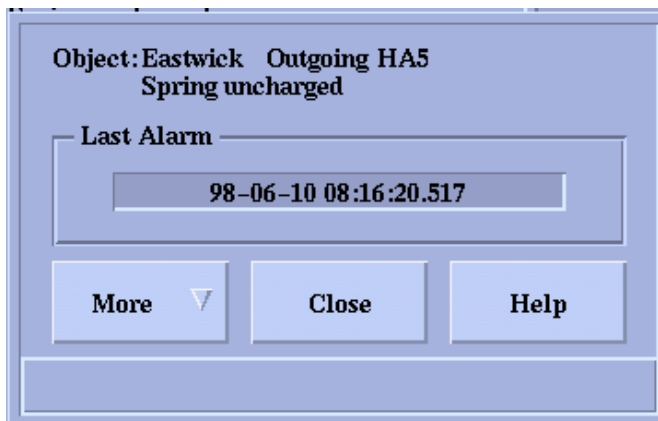


Figure 3. The last alarm dialog for the Alarm indicator (FPU_AIB.PIC)

Button	Functionality
More	Opens the access to the subfunctionality.
Close	Closes the dialog and its sub-dialogs.
Help	Opens the general LIB 510 help dialog with the help text file FPU_AIA.HLP.

9.3.3 Alarm State Dialog

The alarm state dialog can be opened by selecting Alarm state... which can be found by clicking the More button.

The dialog presents persisting or fleeting alarm for the selected signal, and the unacknowledged alarm can be acknowledged. For details, please refer to the MV Process General chapter which contains more detailed information about the Alarm state dialog.

9.3.4 Blockings Dialog

The blockings dialog can be opened by selecting Blockings ... which can be found by clicking the More button.

The blockings dialog is for making blockings for the selected signal in MicroSCADA/SCS database. For details, please refer to the General chapter in the MV Process Operator's Manual which contains more detailed information about the Blockings dialog.

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