FactoryTalk Batch View HMI Controls
Important User Information

Solid-state equipment has operational characteristics differing from those of electromechanical equipment. Safety Guidelines for the Application, Installation, and Maintenance of Solid State Controls (publication SGI-1.1 available from your local Rockwell Automation sales office or online at http://www.rockwellautomation.com/literature/) describes some important differences between solid-state equipment and hard-wired electromechanical devices. Because of this difference, and also because of the wide variety of uses for solid-state equipment, all persons responsible for applying this equipment must satisfy themselves that each intended application of this equipment is acceptable.

In no event will Rockwell Automation, Inc. be responsible or liable for indirect or consequential damages resulting from the use or application of this equipment.

The examples and diagrams in this manual are included solely for illustrative purposes. Because of the many variables and requirements associated with any particular installation, Rockwell Automation, Inc. cannot assume responsibility or liability for actual use based on the examples and diagrams.

No patent liability is assumed by Rockwell Automation, Inc. with respect to use of information, circuits, equipment, or software described in this manual.

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Throughout this manual, when necessary, we use notes to make you aware of safety considerations.

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**WARNING:** Identifies information about practices or circumstances that can cause an explosion in a hazardous environment, which may lead to personal injury or death, property damage, or economic loss.

**ATTENTION:** Identifies information about practices or circumstances that can lead to personal injury or death, property damage, or economic loss. Attentions help you identify a hazard, avoid a hazard, and recognize the consequence.

**SHOCK HAZARD:** Labels may be on or inside the equipment, for example, a drive or motor, to alert people that dangerous voltage may be present.

**BURN HAZARD:** Labels may be on or inside the equipment, for example, a drive or motor, to alert people that surfaces may reach dangerous temperatures.

**Important:** Identifies information that is critical for successful application and understanding of the product.

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Trademarks not belonging to Rockwell Automation are property of their respective companies.
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<th>Chapter 6</th>
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</tr>
</tbody>
</table>
Chapter 1

FactoryTalk Batch View HMI Controls

The FactoryTalk® Batch View HMI Controls provide an interface, which allows users to monitor and interact with the production process within a FactoryTalk View Site Edition (SE) Display Client. The FactoryTalk Batch View HMI Controls consist of the BatchList control, the PromptSignatureList control, and the Full control.

The BatchList control is used to create control recipes, view current control recipes, and command a control recipe.

The PromptSignatureList control displays a list of prompts that are waiting to be acknowledged, a list of electronic signatures associated with a batch that are waiting for signoff, and instructions waiting to be acknowledged.

The Full control is used to see the entire FactoryTalk Batch View site.

See also

BatchList control on page 19
PromptSignatureList control on page 21
Full control on page 23

System requirements

The FactoryTalk Batch View HMI Controls work within the system requirements of all Rockwell Automation® software products.

Hardware requirements

The FactoryTalk Batch View HMI Controls do not have any specific hardware requirements. It runs on any hardware platform that supports the required software, either locally or on a virtual machine.

Ensure that all selected hardware is on the compatibility list of the operating system listed in the Software requirements section.

Systems that do not meet the minimum requirements for the version of software being used are not covered under warranty.
Software requirements

FactoryTalk Batch View HMI Controls requires the following software on the host computer:

- **Windows Server** operating system:
  - Windows Server 2008 R2 Service Pack 1, Standard or Enterprise (64-bit)
  - Windows Server 2012 Standard Edition or DataCenter (64-bit)
  - Windows Server 2012 R2 Standard Edition or DataCenter (64-bit)

- **Windows** operating system
  - Windows 7 Service Pack 1 Professional or Enterprise (32-bit and 64-bit)
  - Windows 8.1 Professional or Enterprise (32-bit and 64-bit)
  - Windows 10 Professional or Enterprise on version 1703 (64-bit) (Batch Clients only)

- **Rockwell Software**
  - FactoryTalk Batch View version 1.00 or higher
  - FactoryTalk Batch version 11.0 or later
  - FactoryTalk Services Platform version 2.74 (CPR9 SR7.4) or later
  - FactoryTalk Activation Manager version 4.00 or later
  - FactoryTalk View SE version 8.1 or later

- **Adobe**
  - Acrobat Reader XI (11)

- **Anti-virus software**
  - All of Rockwell Software products CPR 9 and newer have been tested with the Symantec™ 12.1.x protection program.

   Rockwell Software products are expected to be compatible with most anti-virus protections on the market. However, proper configuration is required. It is important to understand that any of these anti-virus protections can impact operation if the configuration is too restrictive. These configurations are generally in the area of firewalls, network threat protections, and access controls.
This document contains additional information related to the FactoryTalk Batch system products.

<table>
<thead>
<tr>
<th>Resource</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FactoryTalk Batch View Quick Start Guide</td>
<td>Use FactoryTalk Batch View to create, view, and command control recipes. Also use FactoryTalk Batch View to acknowledge prompts and signatures, view equipment phases and diagnostic information, and view profile information.</td>
</tr>
</tbody>
</table>
Chapter 2

Install the FactoryTalk Batch View HMI Controls

Access the Product Compatibility and Download Center (PCDC) to install the FactoryTalk Batch View HMI Controls.

Important: You must be an administrator user on the target computer to install or upgrade FactoryTalk Batch View HMI Controls.

To install the FactoryTalk Batch View HMI Controls

1. Double-click the batch-controls-install.exe file.

2. In FactoryTalk Batch View HMI Controls Setup, to install the FactoryTalk Batch View HMI Controls without logging, select Install now and then go to step 3.

   To install the FactoryTalk Batch HMI Controls with logging, select Customize.

   a. Select Logging.

   b. Select Next.

   c. Read the Security Reduction message and select I Accept.

   d. Select Install.

3. Read the Rockwell Automation End User License Agreement and choose to Accept the agreement.

4. When the installation is complete, restart the computer to start to use the FactoryTalk Batch View HMI Controls.

See also

System requirements on page 5
Chapter 3

HMI Control common functions

The BatchList control, the PromptSignatureList control, and the Full control use common methods and property settings.

In FactoryTalk View Studio, configure the control properties using the Property Page or the Property Panel, then configure the control to use VBA.

See also

Common control methods on page 11
Common control property settings on page 12
Configure the control properties using the Property Page on page 14
Configure the control properties using the Property Panel on page 15
Configure the control to use VBA on page 17

Common control methods

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connect</td>
<td>Connects the FactoryTalk Batch View HMI Controls to the FactoryTalk Batch View server specified by the Node and Port property settings.</td>
</tr>
</tbody>
</table>

Tip: If the Node and Port settings are changed in run-time, always reconnect to use updated property settings.

See also

BatchList control on page 19
PromptSignatureList control on page 21
Full control on page 23
Common control property settings

In a FactoryTalk View SE Display Client, configure these Property Page or Property Panel properties for the BatchList control, PromptSignatureList control, and the Full control.

<table>
<thead>
<tr>
<th>Property name</th>
<th>Description</th>
<th>Run-time</th>
<th>Design-time</th>
<th>Value type</th>
</tr>
</thead>
</table>
| BaseFilter      | Applies a filter to the control.  
  • In the BatchList control, the BaseFilter applies to the batch list only.  
  • In the PromptSignatureList control, the BaseFilter applies to the prompt signature list only.  
  • In the Full control, the BaseFilter applies to the batch list and the prompt signature list.  
  For the Full control, the BaseFilter does not apply to:  
  • Master Recipes during Add Batch.  
  • Container Selection in a Material Binding Prompt. | Read/Write | Read/Write   | String        |
| ControlType     | Choose the type of control that is rendered when adding the control to the FactoryTalk View SE display window.                                                                                              | Read only | Read/Write   | Enumeration   |
| EnableCommand   | Enables or disables the ability to:  
  • Add and command batches.  
  • Acknowledge prompts, instructions, and signatures.  
  • Manually control recipes.  
  • Manually control equipment.  
  The FactoryTalk Batch View security authorization policies may affect the EnableCommand for users who are not FactoryTalk administrators. Refer to the Security for FactoryTalk Batch commands section in the FactoryTalk Batch View Quick Start Guide, publication number FTBVS-QS001. | Read/Write | Read/Write   | Boolean       |
| MinimalView     | Enables or disables the minimal view, which reduces the amount of used space on the screen by reducing the amount of data shown.  
  This only applies to the Batches list and the Prompts list. | Read/Write | Read/Write   | Boolean       |
<table>
<thead>
<tr>
<th>Node</th>
<th>Description</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>The computer on which the FactoryTalk Batch server and FactoryTalk Batch View are installed. The Node property accepts valid string names that are case insensitive or valid IP addresses of the server machine. The following rules apply for a string node property value. The value:</td>
<td>Cannot begin with or contain http, https, www or ftp anywhere in the value. Cannot be all numeric characters. Cannot contain the following characters: backslash (), forward slash (/), colon (:), semi-colon (;). For optimal performance, be sure to:</td>
<td>Read/Write String</td>
</tr>
<tr>
<td>The value:</td>
<td>• Enter the FactoryTalk Batch View machine's fully qualified domain name for the FactoryTalk Batch View HMI Control's Node property. For example, instead of setting the Node property to &lt;MachineName&gt;, set it to &lt;MachineName.DomainName.com&gt;. • Follow the instructions in the HTTPS certificates section in the FactoryTalk Batch View Quick Start Guide, publication number FTBVS-QS001, to accept the self-signed certificate.</td>
<td></td>
</tr>
<tr>
<td>Port</td>
<td>The value assigned to the FactoryTalk Batch View port during installation of FactoryTalk Batch View. The default port value is 443. Other valid port values are from 1024 through 32767.</td>
<td>Read/Write Integer</td>
</tr>
<tr>
<td>ShowFilterBar</td>
<td>Shows or hides the filter bar in run-time. This setting does not impact the BaseFilter setting.</td>
<td>Read/Write Boolean</td>
</tr>
<tr>
<td>Language</td>
<td>Sets the ISO 639 language code in which the content displays. The default value is EN. The language name code is case insensitive.</td>
<td>Read/Write String</td>
</tr>
</tbody>
</table>
**Tip:** If changing these properties at run-time, it is recommended that screen caching not be used.

- **If caching is not used:**
  - Switching screen/display: If the user changed the design time value at run-time, returns to the design time value.
  - Login: If the previous user changed the value, it uses the value of the previous user. It does not return to the design time base filter value.
  - Logout: When a user logs in, loads a display with the design time value.

- **If caching is used:**
  - Switching screen/display, Login, and Logout: If the design time value was changed at run-time, the screen is not reloaded so it never returns to the design time value.

**See also**

- [BatchList control](#) on page 19
- [PromptSignatureList control](#) on page 21
- [Full control](#) on page 23

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**Configure the control properties using the Property page**

To configure the BatchList control, the PromptSignatureList control, and the Full control to communicate with FactoryTalk Batch View, customize the settings in the Property page for the control.

**Prerequisites:**

- Open FactoryTalk View Studio.
- Open a display that contains the FactoryTalk Batch View HMI Control.

**To configure the control properties using the Property page**

1. Double-click the **FactoryTalk Batch View HMI Control** in the display window.

2. In **Type**, select the control.

   - 0 - Full
   - 1 - PromptSignatureList
   - 2 - BatchList

3. In **Node**, enter the physical computer on which the FactoryTalk Batch server and the FactoryTalk Batch View server is installed.
4. In Port, enter the port through which the FactoryTalk Batch View server is configured to receive communication.

5. (optional) Select the Show Filter Bar option to display the filter bar during FactoryTalk View SE run-time.

6. (optional) Select the Enable Command option.
   - In the BatchList control, enables the ability to create and command batches during FactoryTalk View SE run-time.
   - In the PromptSignatureList control, enables the ability to respond to prompts, such as to enter parameter values and to acknowledge prompts, enables the ability to sign-off on electronic signatures, and enables the ability to respond to instructions.
   - In the Full control, to enable these abilities for batches and prompts. This property also enables the ability to perform Manual Phase Control in the Equipment page.

7. (optional) Select the Minimal View option to display the batches or prompts in a minimized format.

8. (optional) Enter an expression in Base Filter to limit the items shown during FactoryTalk View SE run-time.

9. (optional) Enter a language name code in Language to change the language in which the control content displays.

10. Select Apply, and then select OK.

11. In the FactoryTalk View SE toolbar, select Save.

See also

Configure the control properties using the Property Panel on page 15

Configure the control to use VBA on page 17

To configure the BatchList control, the PromptSignatureList control, and the Full control to communicate with FactoryTalk Batch View, customize the settings in the Property Panel for the control.

Prerequisites:

- Open FactoryTalk View Studio.
- Open a display that contains the FactoryTalk Batch View HMI Control.
To configure the control properties using the Property Panel

1. Right-click the FactoryTalk Batch View HMI Control in the display window.

2. Select Property Panel.

3. In Type, select the control.
   - 0 - Full
   - 1 - PromptSignatureList
   - 2 - BatchList

4. In Node, enter the physical computer on which the FactoryTalk Batch server and the FactoryTalk Batch View server is installed.

5. In Port, enter the port through which the FactoryTalk Batch View server is configured to receive communication.

6. (optional) Select True for the ShowFilterBar option to display the filter bar during FactoryTalk View SE run-time.

7. (optional) Select True for the EnableCommand property option.
   - In the BatchList control, enables the ability to create and command batches during FactoryTalk View SE run-time.
   - In the PromptSignatureList control, enables the ability to respond to prompts, such as to enter parameter values and to acknowledge prompts, enables the ability to sign-off on electronic signatures, and enables the ability to respond to instructions.
   - In the Full control, to enable these abilities for batches and prompts. This property also enables the ability to perform Manual Phase Control in the Equipment page.

8. (optional) Select True for the MinimalView property option to display the batches or prompts in a minimized format.

9. (optional) Enter an expression in Base Filter to limit the items shown during FactoryTalk View SE run-time.

10. (optional) Enter a language name code in Language to change the language in which the control content displays.

11. Close the Property Panel window.

12. Select Save.
See also

Configure the control properties using the Property Page on page 14

Configure the control to use VBA on page 17

Configure the control to use VBA

To configure the BatchList control, the PromptSignatureList control, and the Full control to use VBA, customize the ExposeToVBA setting in the Property Panel.

Prerequisites:

- Open FactoryTalk View Studio.
- Open a display that contains the FactoryTalk Batch View HMI Control.

To configure the control to use VBA

1. In the display window, right-click the control.
2. Select Property Panel.
3. In ExposeToVBA, select VBA Control to use VBA for scripting.
4. Close the Property Panel window.
5. Select Save.

See also

Configure the control properties using the Property Panel on page 15

Configure the control properties using the Property Page on page 14

Diagnostic bar overview

The diagnostic bar provides status information when viewing the BatchList control or the PromptSignatureList control in a FactoryTalk View SE Display Client.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Return to the Home page to view the list of items.</td>
</tr>
<tr>
<td>2</td>
<td>View the item count notification for the control type in the display window. If a base filter has been applied, the item count is the number of items after the filter was applied. If there is a syntax error in the base filter, the item count remains unchanged from the unfiltered list.</td>
</tr>
</tbody>
</table>
View the configured base filter value. The base filter icon only displays if a base filter is in use.

The name of the control type in the display window.

The domain and account name information for the logged in user.

The current status of the FactoryTalk Batch server’s associated data servers and the FactoryTalk Batch Material server.

Provides access to the online help.

See also

PromptSignatureList control on page 21

BatchList control on page 19
Chapter 4

BatchList control

The **BatchList** control is used to create control recipes, view current control recipes, and command a control recipe. Once a control recipe is created, it displays in the BatchList until it is removed by the operator, or when the FactoryTalk Batch server is restarted with a cold boot.

To access the **BatchList** control, place the control into a FactoryTalk View SE Display Client.

Consult your system administrator for information on using this option.

See also

- [Common control property settings](#) on page 12
- [Common control methods](#) on page 11
- [Configure the control properties using the Property Page](#) on page 14
- [Configure the control properties using the Property Panel](#) on page 15
- [Configure the control to use VBA](#) on page 17

**Base Filter shortcuts for the BatchList control**

Use these shortcuts to filter the list of control recipes in the **BatchList** control running in a FactoryTalk View SE Display Client.

- Enter filter text in **Base Filter** containing alphanumeric characters, full words, fragments of a word, or a single letter or number.
- Use operators and filters for precise filtering. For example: `units:MIXER1 AND recipe:vanilla`. 
Tip: If there is a syntax error in the filter string, the base filter icon changes from white to orange. Select the base filter icon to view the syntax error.

### Filters

Use one or more BatchList control filters for the Base Filter to narrow the results.

<table>
<thead>
<tr>
<th>To filter on:</th>
<th>Enter this filter or shortcut:</th>
<th>Example:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description: one or more words or part of a word</td>
<td>description:desc</td>
<td>description:descriptiontext desc:descriptiontext</td>
</tr>
<tr>
<td></td>
<td>desc:</td>
<td>desc:descriptiontext</td>
</tr>
<tr>
<td></td>
<td>d:</td>
<td>d:descriptiontext</td>
</tr>
<tr>
<td>Recipe name</td>
<td>recipe:</td>
<td>recipe:recipename</td>
</tr>
<tr>
<td></td>
<td>r:</td>
<td>r:recipename</td>
</tr>
<tr>
<td>Batch ID</td>
<td>batchid:</td>
<td>batchid:batchname</td>
</tr>
<tr>
<td></td>
<td>b:</td>
<td>b:batchname</td>
</tr>
<tr>
<td>Units</td>
<td>units:</td>
<td>units:unitname</td>
</tr>
<tr>
<td></td>
<td>u:</td>
<td>u:unitname</td>
</tr>
<tr>
<td>State</td>
<td>state:</td>
<td>state:statename</td>
</tr>
<tr>
<td></td>
<td>s:</td>
<td>s:statename</td>
</tr>
<tr>
<td>Failure (batches with or without failures)</td>
<td>failure:</td>
<td>failure:yes failure:no</td>
</tr>
<tr>
<td></td>
<td>f:</td>
<td>f:yes f:no</td>
</tr>
<tr>
<td>Phases</td>
<td>phases:</td>
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</tr>
<tr>
<td></td>
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</tr>
<tr>
<td>Process cells</td>
<td>processcells:</td>
<td>processcells:processcellname</td>
</tr>
<tr>
<td></td>
<td>pc:</td>
<td>pc:processcellname</td>
</tr>
<tr>
<td>Create ID</td>
<td>createid:</td>
<td>createid:createid</td>
</tr>
<tr>
<td></td>
<td>c:</td>
<td>c:createid</td>
</tr>
</tbody>
</table>

See also

[BatchList control](#) on page 19
Chapter 5

PromptSignatureList control

The PromptSignatureList control displays a list of prompts and instructions waiting to be acknowledged and a list of electronic signatures associated with a batch that are waiting for signoff.

Prompts alert operators to requests for information. A control recipe cannot complete execution until the operator provides the requested information. A pending request for information remains unacknowledged until a user provides the information, or stops or aborts the control recipe. Requests for information include prompts, signatures, and manual instructions.

- Prompts alert operators to requests for parameter values, unit binding, and material binding.
- Signatures are requests for signoffs that require user permissions and optional comments. When a signature is generated against a control recipe, acknowledge the signature by completing the associated signoffs. The requested user information in a signature is determined by the signature template defined in the area model.
- Instructions are individual steps of a phase. As a batch executes, the instruction for each active step appears. Instructions execute in the order specified within the master recipe.

To use the PromptSignatureList control, place the control within a FactoryTalk View SE Display Client. Consult the system administrator for information on using this option.

See also

Common control property settings on page 12
Common control methods on page 11

Use these shortcuts to filter the list of prompts, signatures, and instructions in the PromptSignatureList control running in a FactoryTalk View SE Display Client.

- Enter filter text in Base Filter containing alphanumeric characters, full words, fragments of a word, or a single letter or number.
- Use operators and filters for precise filtering. For example: description:deviation AND recipe:vanilla.
Tip: If there is a syntax error in the filter string, the base filter icon changes from white to orange. Select the base filter icon to view the syntax error.

Filters

Use one or more PromptSignatureList control filters for the Base Filter to narrow the results.

<table>
<thead>
<tr>
<th>To filter on:</th>
<th>Enter this filter or shortcut:</th>
<th>Example:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>description: descr: d:</td>
<td>description: descriptiontext</td>
</tr>
<tr>
<td></td>
<td></td>
<td>descr: descriptiontext</td>
</tr>
<tr>
<td></td>
<td></td>
<td>d: descriptiontext</td>
</tr>
<tr>
<td>Recipe name</td>
<td>recipe: r:</td>
<td>recipe: recipename</td>
</tr>
<tr>
<td></td>
<td></td>
<td>r: recipename</td>
</tr>
<tr>
<td>Unit name</td>
<td>units: u:</td>
<td>units: unitname</td>
</tr>
<tr>
<td></td>
<td></td>
<td>u: unitname</td>
</tr>
<tr>
<td>Phase name</td>
<td>phases: p:</td>
<td>phases: phasename</td>
</tr>
<tr>
<td></td>
<td></td>
<td>p: phasename</td>
</tr>
<tr>
<td>Process cell name</td>
<td>processcells: pc:</td>
<td>processcells: processcellname</td>
</tr>
<tr>
<td></td>
<td></td>
<td>pc: processcellname</td>
</tr>
<tr>
<td>Batch ID</td>
<td>batchid: b:</td>
<td>batchid: batchname</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b: batchname</td>
</tr>
<tr>
<td>Create ID</td>
<td>createid: c:</td>
<td>createid: createid</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c: createid</td>
</tr>
</tbody>
</table>

See also

PromptSignatureList control
Chapter 6

Full control

The Full control displays the entire FactoryTalk Batch View site, so an operator can interact with the entire FactoryTalk Batch View site within a single HMI control in a FactoryTalk View SE Display Client.

Use the Full control to create, view, and command control recipes, acknowledge prompts and signatures, view equipment phases and diagnostic information, and view profile information. The Full control has some differences from viewing the BatchList control or PromptSignatureList control individually.

- The FactoryTalk Batch View navigation bar is shown instead of the Diagnostic Bar.
- The BaseFilter property setting applies to Batches and Prompts in the FactoryTalk Batch View.
- The counts shown for Batches and Prompts are affected by usage of the Base Filter.
- Any run-time changes to the Language and Display Type settings in the Profile override the values configured for the Language and Minimal View properties in the Property page or Property Panel window.

To use the Full control, place the control within a display in FactoryTalk View SE Display Client.

See also

Common control methods on page 11
Common control property settings on page 12
Base Filter shortcuts for the BatchList control on page 19
Base Filter shortcuts for the PromptSignatureList control on page 21

Base Filter shortcuts for the Full control

Use these shortcuts to filter the list in the Full control running in a FactoryTalk View SE Display Client.

- Enter filter text in Base Filter containing alphanumeric characters, full words, fragments of a word, or a single letter or number.
Use operators and filters for precise filtering. For example: description:deviation AND recipe:vanilla.

**Important:** It is recommended to only use filter shortcuts in the base filter that are common across the application (Prompts, Batches). The list of common shortcuts are: processcells, units, and batchid. Use of other filter shortcuts is not recommended and may lead to unexpected base filter results.

**Tip:** If there is a syntax error in the filter string, the base filter icon changes from white to orange. Select the base filter icon to view the syntax error.

Filters

Use one or more **Full** control filters for the **Base Filter** to narrow the results.

The following table provides examples of base filters:

<table>
<thead>
<tr>
<th>To filter on:</th>
<th>In the following sections:</th>
<th>Enter this filter or shortcut:</th>
<th>Example:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recipe name</td>
<td>Batches, Prompts</td>
<td>recipe:</td>
<td>recipe:recipename</td>
</tr>
<tr>
<td></td>
<td></td>
<td>r:</td>
<td>r:recipename</td>
</tr>
<tr>
<td>Units</td>
<td>Batches, Prompts</td>
<td>units:</td>
<td>units:unitname</td>
</tr>
<tr>
<td></td>
<td></td>
<td>u:</td>
<td>u:unitname</td>
</tr>
<tr>
<td>Process cells</td>
<td>Batches, Prompts</td>
<td>processcells:</td>
<td>processcells:processcellname</td>
</tr>
<tr>
<td></td>
<td></td>
<td>pc:</td>
<td>pc:processcellname</td>
</tr>
<tr>
<td>Batch state</td>
<td>Batches</td>
<td>state:</td>
<td>statename:statename</td>
</tr>
<tr>
<td></td>
<td></td>
<td>s:</td>
<td>s:statename</td>
</tr>
<tr>
<td>Batch ID</td>
<td>Batches, Prompts</td>
<td>batchid:</td>
<td>batchid:batchname</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b:</td>
<td>b:batchname</td>
</tr>
<tr>
<td>Batches with or without failures</td>
<td>Batches</td>
<td>failure:</td>
<td>failure:yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>f:</td>
<td>failure:no</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>f:yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>f:no</td>
</tr>
<tr>
<td>Create ID</td>
<td>Batches, Prompts</td>
<td>createid:</td>
<td>createid:createid</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c:</td>
<td>c:createid</td>
</tr>
</tbody>
</table>
Tip: To view filters applied to the **Full** control, select the base filter icon.

See also

[Full Control on page 23](#)
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<table>
<thead>
<tr>
<th>United States or Canada</th>
<th>1.440.646.3434</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outside United States or Canada</td>
<td>Use the Worldwide Locator available at <a href="http://www.rockwellautomation.com/locations">http://www.rockwellautomation.com/locations</a>, or contact your local Rockwell Automation representative.</td>
</tr>
</tbody>
</table>

New product satisfaction return

Rockwell Automation tests all of its products to ensure that they are fully operational when shipped from the manufacturing facility. However, if your product is not functioning and needs to be returned, follow these procedures.

<table>
<thead>
<tr>
<th>United States</th>
<th>Contact your distributor. You must provide a Customer Support case number (call the phone number above to obtain one) to your distributor to complete the return process.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outside United States</td>
<td>Please contact your local Rockwell Automation representative for the return procedure.</td>
</tr>
</tbody>
</table>

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