

Rockwell Automation Application Content

Power Device Library



Release Notes

PowerDeviceLibrary_20211215.zip

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://literature.rockwellautomation.com>) describes some important differences between solid-state equipment and hard-wired electromechanical devices. Because of this difference, and 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.

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

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.

IMPORTANT

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

ATTENTION



Identifies information about practices or circumstances or death, property damage, or economic loss. Attentions avoid a hazard, and recognize the consequence.

SHOCK HAZARD



Labels may be on or inside the equipment, 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.

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1 Introduction

1.1 Description

The Power Device Library is a tested, documented and life cycle managed object library providing preconfigured status and diagnostic faceplates and AOI sets for Rockwell Automation discrete, velocity, and motion automation devices including some energy extensions. The Device Objects may be used with Machine Builder, Process, and Packaged Libraries or as standalone components.

1.2 Purpose

The purpose of this document is to provide version information and update information on the Power Device Library files provided in the zip file available for download from the Product Compatibility and Download Center (PCDC) from Rockwell Automation® web page.

<http://compatibility.rockwellautomation.com/Pages/home.aspx>

Search for Application Content and then select the Power Device Library

Download and extract the PowerDeviceLibrary_20211215.zip file.

Once extracted, run the setup.exe to install ACM library files into the default location and register the libraries.

You may then browse the following contents.

| Folder | Contents | |
|---------------------------------|---|---|
| Root of release folder | ReadMe Setup.exe – Script that installs ACM library files into default ACM location and registers the libraries | |
| General Documents | Release Notes (*.pdf) QuickStart - Power Device Library (.pdf) Videos | |
| Reference Manuals | Power Device Object reference manuals including object architecture, basic functional requirements, interface tag definitions, state model, and HMI user interface overview. RM-raC_Dvc_[Device Series or Group].pdf | |
| Power Monitor Objects | Device Type & Name subfolders: | Device AOI Rung Import File (.L5x) Device AOI Import File (.L5x) – *Use for AOI Update Only* How_To_Import_and_Configure_Objects_in_LogixDesigner video (.mp4) View Designer Project File with Device Faceplate included (.vpd) How To Import and Configure Device Object into View Designer Video (.mp4) Operational Overview of Device Faceplate in View Designer(.mp4) FactoryTalk View ME Faceplate Display File (.gfx) How To Import and Configure Device Objects in FactoryTalk View ME Video (.mp4) FactoryTalk View SE Faceplate Display File (.gfx) How To Import and Configure Device Objects in FactoryTalk View SE Video (.mp4) Operational Overview of Device Faceplate in FactoryTalk View ME_SE Video (.mp4) FactoryTalk View ME_SE Display Images (.png) |
| ApplicationCodeManagerLibraries | Power Device Object Asset-Control Library Files (.HSL4) Power Device Object Ladder Diagram Implementation Library Files (.HSL4) Power Device Object Extension Asset-Control Library Files (.HSL4) | |

1.3 Prerequisites

- Studio 5000 - Logix Designer
 - V30.01.00 or V31.00.00 or V32.00.00 or V33.00.01
 - V32.00.00 or V33.00.00 for Kinetix 5100
 - V33.00.00 for Kinetix 5300
- Studio 5000 – View Designer
 - V4.03.00 or V5.01.00 or V6.01.00 or V7.00.00
- FactoryTalk View Studio
 - V10 or V11 or V12
- Studio 5000 – Application Code Manager
 - V3.0 or later
 - V4.01 for Kinetix 5100

2 Power Device Library Files

2.1 General Documents

| File Name | Current Version |
|--|-----------------------------|
| PowerDeviceLibrary_ReleaseNotes.pdf | Dec 15 th , 2021 |
| QuickStart - Power Device Library (.pdf) | Dec 15 th , 2021 |
| Videos | |

Videos:

2.1.1 Discrete Power Objects

| Object Name or Object Group | Files | Version |
|-----------------------------|--|---------|
| ArmorStartStarters | How_To_Import_and_Configure_AS_Starter_Objects_in_FTViewME.mp4 | 1.1 |
| | How_To_Import_and_Configure_AS_Starter_Objects_in_FTViewSE.mp4 | |
| | How_To_Import_and_Configure_AS_Starter_Objects_in_ViewDesigner.mp4 | 2.1 |
| | Operational_Overview_of_AS_Starter_Faceplates_in_FTViewME_SE.mp4 | 1.0 |
| | Operational_Overview_of_AS_Starter_Faceplates_in_ViewDesigner.mp4 | 2.0 |
| E300 | How_To_Import_and_Configure_E300_Objects_in_FTViewME.mp4 | 1.1 |
| | How_To_Import_and_Configure_E300_Objects_in_FTViewSE.mp4 | |
| | How_To_Import_and_Configure_E300_Objects_in_ViewDesigner.mp4 | 2.1 |
| | Operational_Overview_of_E300_Faceplate_in_FTViewME_SE.mp4 | 1.0 |
| | Operational_Overview_of_E300_Faceplate_in_ViewDesigner.mp4 | 2.0 |

| Object Name or Object Group | Files | Version |
|-----------------------------|---|---------|
| SMC-50 | How_To_Import_and_Configure_SMC50_Object_in_FTViewME.mp4 | 1.1 |
| | How_To_Import_and_Configure_SMC50_Objects_in_FTViewSE.mp4 | |
| | How_To_Import_and_Configure_SMC50_Objects_in_ViewDesigner.mp4 | 2.1 |
| | Operational_Overview_of_SMC50_Faceplates_in_FTViewME_SE.mp4 | 1.0 |
| | Operational_Overview_of_SMC50_Faceplates_in_ViewDesigner.mp4 | 2.1 |

2.1.2 Velocity Power Objects

| Object Name or Object Group | Files | Version |
|-----------------------------|--|---------|
| ArmorStartVFDs | How_To_Import_and_Configure_AS_VFD_Objects_in_FTViewME.mp4 | 1.1 |
| | How_To_Import_and_Configure_AS_VFD_Objects_in_FTViewSE.mp4 | |
| | How_To_Import_and_Configure_AS_VFD_Objects_in_ViewDesigner.mp4 | 2.1 |
| | Operational_Overview_of_AS_VFD_Faceplates_in_FTViewME_SE.mp4 | 1.0 |
| | Operational_Overview_of_AS_VFD_Faceplates_in_ViewDesigner.mp4 | 2.0 |
| PowerFlex | How_To_Import_and_Configure_PF_Objects_in_FTViewME.mp4 | 1.1 |
| | How_To_Import_and_Configure_PF_Objects_in_FTViewSE.mp4 | |
| | How_To_Import_and_Configure_PF_Objects_in_ViewDesigner.mp4 | 2.1 |
| | Operational_Overview_of_PF_Faceplates_in_FTViewME_SE.mp4 | 1.0 |
| | Operational_Overview_of_PF_Faceplates_in_ViewDesigner.mp4 | 2.0 |

2.1.3 Motion Power Objects

| Object Name or Object Group | Files | Version |
|-----------------------------------|---|---------|
| Motion | How_To_Import_and_Configure_CIP_Motion_Objects_in_FTVIEWME.mp4 | 1.1 |
| | How_To_Import_and_Configure_CIP_Motion_Objects_in_FTVIEWSE.mp4 | |
| | How_To_Import_and_Configure_CIP_Motion_Objects_in_ViewDesigner.mp4 | 2.1 |
| | How_To_Import_and_Configure_Kinetix5100_Device_and_Operation_Objects_in_LogixDesigner.mp4 | 1.0 |
| | Operational_Overview_of_CIP_Motion_Faceplates_in_FTVIEWME_SE.mp4 | 1.0 |
| | Operational_Overview_of_CIP_Motion_Faceplates_in_ViewDesigner.mp4 | 2.0 |

2.1.4 PowerMonitor Device Objects

| Object Name or Object Group | Files | Version |
|-----------------------------------|--|---------|
| Power Monitor | How_To_Import_and_Configure_PowerMonitor_Devie_Objects_in_LogixDesigner_Using_ACM_Plug-Ins.mp4 | 1.0 |

2.2 Reference Manuals

| File Name | Reference Manual Contents Requirements, Interface Tag Definitions, State Model, and HMI Overview | Version |
|-----------------------------------|--|---------|
| RM-raC_Dvc_AS2x0E.pdf | ArmorStart 290E and 280E Power Discrete Device Objects | 3.0 |
| RM-raC_Dvc_AS2x1E.pdf | ArmorStart 291E and 281E Power Discrete Device Objects | |
| RM-raC_Dvc_AS2x4E.pdf | ArmorStart 294E and 284E Power Velocity Device Objects | |
| RM-raC_Dvc_E300.pdf | E300 Power Discrete Device Object | |
| RM-raC_Dvc_Motion.pdf | Kinetix 5300, 5500, 5700, 6500, 350, PowerFlex 527 & 755CM Power Motion Device Objects | 3.0 |
| RM-raC_Dvc_K5100.pdf | Kinetix 5100 Device Object | 2.1 |
| RM-raC_Dvc_PFVelocity.pdf | PowerFlex 755, 755T, 753, & 525 Power Velocity Device Objects | 3.0 |
| RM-raC_Dvc_SMC50.pdf | SMC50 Power Discrete Device Object | 3.0 |
| RM-raC_Opr_xxx_Energy.pdf | Energy Extension Object | 3.0 |
| RM-raC_Tec_PwrDvcStateMonitor.pdf | State Monitor Extension Object | 3.0 |
| RM-raC_Dvc_Powermonitor.pdf | Power Monitor 500, 1000, & 5000 Device Objects | 1.0 |

2.3 Power Monitor Objects

| Object Name or Object Group | Files | Version | Studio 5000 Logix Designer Version | Studio 5000 View Designer Version | FactoryTalk View Studio Version |
|-----------------------------|--|---------|--|-----------------------------------|----------------------------------|
| Power Monitor | How_To_Import_and_Configure_PowerMonitor_Device_Objects_in_FTViewME.mp4 | 1.0 | | | |
| | How_To_Import_and_Configure_PowerMonitor_Device_Objects_in_FTViewSE.mp4 | | | | |
| | How_To_Import_and_Configure_PowerMonitor_Device_Objects_in_LogixDesigner.mp4 | | | | |
| | How_To_Import_and_Configure_PowerMonitor_Device_Objects_in_ViewDesigner.mp4 | | | | |
| | Operational_Overview_of_PowerMonitor_Device_Object_Faceplates.mp4 | | | | |
| raC_Dvc_PM500 | raC_Dvc_PM500_Rung.L5X | 1.0 | 30.01.00 31.00.00 32.00.00 33.00.00 | 5.01.00 6.01.00 7.02.00 | |
| | raC_Dvc_PM500_AOI.L5X | | | | |
| | raC_Dvc_PM500_FP.vpd | | | | |
| | (raC_ME) PowerMonitor_Device-Global.ggfx | | | | 10.00.01 11.00.00 12.00.00 |
| | (raC_SE) PowerMonitor_Device-Global.ggfx | | | | |
| | (raC_ME) raC_Dvc_PM500-Faceplate.gfx | | | | |
| | (raC_SE) raC_Dvc_PM500-Faceplate.gfx | | | | |
| raC_Dvc_PM1000 | raC_Dvc_PM1000_Rung.L5X | 1.0 | 30.01.00 31.00.00 32.00.00 33.00.00 | 5.01.00 6.01.00 7.02.00 | |
| | raC_Dvc_PM1000_AOI.L5X | | | | |
| | raC_Dvc_PM1000_FP.vpd | | | | |
| | (raC_ME) PowerMonitor_Device-Global.ggfx | | | | 10.00.01 11.00.00 12.00.00 |
| | (raC_SE) PowerMonitor_Device-Global.ggfx | | | | |
| | (raC_ME) raC_Dvc_PM1000-Faceplate.gfx | | | | |
| | (raC_SE) raC_Dvc_PM1000-Faceplate.gfx | | | | |
| raC_Dvc_PM5000 | raC_Dvc_PM5000_Rung.L5X | 1.0 | 30.01.00 31.00.00 32.00.00 33.00.00 | 5.01.00 6.01.00 7.02.00 | |
| | raC_Dvc_PM5000_AOI.L5X | | | | |
| | raC_Dvc_PM5000_FP.vpd | | | | |
| | (raC_ME) PowerMonitor_Device-Global.ggfx | | | | 10.00.01 11.00.00 12.00.00 |
| | (raC_SE) PowerMonitor_Device-Global.ggfx | | | | |
| | (raC_ME) raC_Dvc_PM5000-Faceplate.gfx | | | | |
| | (raC_SE) raC_Dvc_PM5000-Faceplate.gfx | | | | |

2.4 ApplicationCodeManagerLibraries

2.4.1 Discrete Power Object Files

| Object Group | Files | Studio 5000 Application Code Manager Version | Studio 5000 Logix Designer Version |
|----------------|--|--|--|
| Discrete Power | (RA-LIB)_Device_Asset-Control_PowerDiscrete_raC_Dvc_AS280E_(3.0).HSL4 | 4.01.00 | 30.01.00 31.00.00 32.00.00 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_PowerDiscrete_raC_Dvc_AS281E_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Asset-Control_PowerDiscrete_raC_Dvc_AS290E_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Asset-Control_PowerDiscrete_raC_Dvc_AS291E_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Asset-Control_PowerDiscrete_raC_Dvc_E300_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Asset-Control_PowerDiscrete_raC_Dvc_SMC50_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Device_PowerDiscrete_raC_LD_Dvc_AS280E_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Device_PowerDiscrete_raC_LD_Dvc_AS281E_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Device_PowerDiscrete_raC_LD_Dvc_AS290E_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Device_PowerDiscrete_raC_LD_Dvc_AS291E_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Device_PowerDiscrete_raC_LD_Dvc_E300_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Device_PowerDiscrete_raC_LD_Dvc_SMC50_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Asset-Control_PowerDiscrete_raC_Opr_E300_Energy_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Asset-Control_PowerDiscrete_raC_Opr_SMC50_Energy_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Asset-Control_PowerDiscrete_raC_Tec_PwrDiscreteStateMonitor_(3.0).HSL4 | | |

2.4.2 Velocity Power Object Files

| Object Group | Files | Studio 5000 Application Code Manager Version | Studio 5000 Logix Designer Version |
|----------------|--|--|--|
| Velocity Power | (RA-LIB)_Device_Asset-Control_PowerVelocity_raC_Dvc_AS284E_(3.0).HSL4 | 4.01.00 | 30.01.00 31.00.00 32.00.00 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_PowerVelocity_raC_Dvc_AS294E_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Asset-Control_PowerVelocity_raC_Dvc_PF525_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Asset-Control_PowerVelocity_raC_Dvc_PF753_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Asset-Control_PowerVelocity_raC_Dvc_PF755_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Asset-Control_PowerVelocity_raC_Dvc_PF755T_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Device_PowerVelocity_raC_LD_Dvc_AS284E_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Device_PowerVelocity_raC_LD_Dvc_AS294E_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Device_PowerVelocity_raC_LD_Dvc_PF525_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Device_PowerVelocity_raC_LD_Dvc_PF753_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Device_PowerVelocity_raC_LD_Dvc_PF755_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Device_PowerVelocity_raC_LD_Dvc_PF755T_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Asset-Control_PowerVelocity_raC_Opr_PF525_Energy_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Asset-Control_PowerVelocity_raC_Opr_PF755_Energy_(3.0).HSL4 | | |
| | (RA-LIB)_Device_Asset-Control_PowerVelocity_raC_Tec_PwrVelocityStateMonitor_(3.0).HSL4 | | |

2.4.3 Motion Power Object Files

| Object Group | Files | Studio 5000 Application Code Manager Version | Studio 5000 Logix Designer Version |
|--------------|--|--|--|
| Motion Power | (RA-LIB)_Device_Asset-Control_PowerMotion_raC_Dvc_K350_(3.0).HSL4 | 4.01.00 | 30.01.00 31.00.00 32.00.00 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_Kinetix5100_raC_Dvc_K5100_(2.1).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_Kinetix5100_raC_Opr_K5100_MAFR_(2.1).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_Kinetix5100_raC_Opr_K5100_MAG_(2.1).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_Kinetix5100_raC_Opr_K5100_MAH_(2.1).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_Kinetix5100_raC_Opr_K5100_MAI_(2.1).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_Kinetix5100_raC_Opr_K5100_MAJ_(2.1).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_Kinetix5100_raC_Opr_K5100_MAM_(2.1).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_Kinetix5100_raC_Opr_K5100_MAS_(2.1).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_Kinetix5100_raC_Opr_K5100_MAT_(2.1).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_Kinetix5100_raC_Opr_K5100_MSF_(2.1).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_Kinetix5100_raC_Opr_K5100_MSO_(2.1).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_PowerMotion_raC_Dvc_K5300_(3.0).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_PowerMotion_raC_Dvc_K5500_(3.0).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_PowerMotion_raC_Dvc_K5700_(3.0).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_PowerMotion_raC_Dvc_K6500_(3.0).HSL4 | | 30.01.00 31.00.00 32.00.00 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_PowerMotion_raC_Dvc_PF527_(3.0).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_PowerMotion_raC_Dvc_PF755CM_(3.0).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Device_PowerMotion_raC_LD_Dvc_K350_(3.0).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Device_Kinetix5100_raC_LD_Dvc_K5100_(2.1).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Device_PowerMotion_raC_LD_Dvc_K5300_(3.0).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Device_PowerMotion_raC_LD_Dvc_K5500_(3.0).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Device_PowerMotion_raC_LD_Dvc_K5700_(3.0).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Device_PowerMotion_raC_LD_Dvc_K6500_(3.0).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Device_PowerMotion_raC_LD_Dvc_PF527_(3.0).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Device_PowerMotion_raC_LD_Dvc_PF755CM_(3.0).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_PowerMotion_raC_Opr_K5500_Energy_(3.0).HSL4 | | 30.01.00 31.00.00 32.00.00 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_PowerMotion_raC_Opr_K5700_Energy_(3.0).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_PowerMotion_raC_Opr_PF527_Energy_(3.0).HSL4 | | 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_PowerMotion_raC_Tec_PwrMotionStateMonitor_(3.0).HSL4 | | 30.01.00 31.00.00 32.00.00 33.00.00 |

2.4.4 Power Monitor Object Files

| Object Group | Files | Studio 5000 Application Code Manager Version | Studio 5000 Logix Designer Version |
|---------------|--|--|--|
| Power Monitor | (RA-LIB)_Device_Asset-Control_PowerMonitor_raC_Dvc_PM500_(1.0).HSL4 | 4.01.00 | 30.01.00 31.00.00 32.00.00 33.00.00 |
| | (RA-LIB)_Device_Asset-Control_PowerMonitor_raC_Dvc_PM1000_(1.0).HSL4 | | |
| | (RA-LIB)_Device_Asset-Control_PowerMonitor_raC_Dvc_PM5000_(1.0).HSL4 | | |
| | (RA-LIB)_Device_Device_PowerMonitor_raC_LD_Dvc_PM500_(1.0).HSL4 | | |
| | (RA-LIB)_Device_Device_PowerMonitor_raC_LD_Dvc_PM1000_(1.0).HSL4 | | |
| | (RA-LIB)_Device_Device_PowerMonitor_raC_LD_Dvc_PM5000_(1.0).HSL4 | | |

3 Revision Changes

3.1 Revision 2.2.01

3.1.1 Enhancements

None

3.1.2 Corrected Anomalies

Add-On Instructions

- E300 Device
Control interface Status bits - Active, Ready added in the AOI logic
- AS291E Device
Corrected Fault Reset Output Command Unlatch
- All Power Velocity Devices
Corrected Fault Reset Output Command Unlatch
- All Power Discrete & All Power Velocity Devices
Corrected Virtual mode Device Activate command

Device Object Faceplates

| Faceplate | Changes |
|---------------|---|
| View Designer | <ul style="list-style-type: none"> • The Default Communication path and Controller Reference Name were removed • The AOI Tag connection from Launch Faceplate button were removed |
| FTView ME | <ul style="list-style-type: none"> • The Audio feedback for all the buttons is disabled • Rouge Image 'CmdBtnFace_Ready_New' is removed • Parameter passing Configuration shown correctly in how to video |
| FTView SE | <ul style="list-style-type: none"> • The Audio feedback for all the buttons is disabled • Rouge Image 'CmdBtnFace_Ready_New' is removed • Trend Objects are updated for SMC50-FTView SE device object • The Velocity Trend Min/Max Tag for all Motion Device Objects Corrected • Parameter passing Configuration shown correctly in how to video |

3.1.3 Known Anomalies

None

3.2 Revision 2.3.00

3.2.1 Enhancement

PF755T Device object added.

3.2.2 Corrected Anomalies

Add-On Instructions

- PF525 Device
raC_Dvc_PF525_InfTable – Corrected
- PF753 Device
raC_Dvc_PF753_InfTable – Corrected
- PF755 Device
raC_Dvc_PF755_InfTable – Corrected

Faceplate – VD, ME, SE

- PF525 Device
Fault Tab and Tab details – State Table Updated
- PF753 Device
Fault Tab and Tab details – State Table Updated
- PF755 Device
Fault Tab and Tab details – State Table Updated

3.2.3 Known Anomalies

None

3.3 Power Device Library October 16th, 2020 Release

3.3.1 Enhancement

Added New E300, SMC50, PF525, PF753, PF755 AOI and Rung L5x files for New Predefined data types for use with 5580 & 5380 Controllers

3.3.2 Corrected Anomalies

Faceplate – ME, SE

- PF753 & PF755 Device
Banner Fault Description field length extended to Maximum

3.3.3 Known Anomalies

None

3.4 Power Device Library January 29th, 2021 Release

3.4.1 Enhancement

- Added Kinetix 5300 Power Motion Device Objects
- Added K5700, PF527, E300, and SMC50 Energy Extension Operation Objects with FactoryTalk Analytics solution interface.

3.4.2 Corrected Anomalies

None

3.4.3 Known Anomalies

None

3.5 Power Device Library May 28th, 2021 Release

3.5.1 Enhancement

- K5100 Power Motion Device Object

3.5.2 Corrected Anomalies

- Updated E300 Device Object input Copy instruction length to 1 within the raC_Dvc_E300_Rung.L5X file.

3.5.3 Known Anomalies

None

3.6 Power Device Library Aug 2nd, 2021 Release

3.5.1 Enhancement

- Added PowerMonitor Device Objects – PM500, PM1000, PM5000
- Removed Studio Architect Files

3.5.2 Corrected Anomalies

None

3.5.3 Known Anomalies

None

3.7 Power Device Library Dec 15th, 2021 Release

3.7.1 Enhancement

- Added K5700, K5500, PF527, E300, SMC50, PF525, PF755 Energy Extension Operation Objects & FTView ME, SE Faceplates with FactoryTalk Analytics solution interface.
- Added State Monitor Extension Objects & FTView ME, SE Faceplates with FactoryTalk Analytics solution interface.
- Added Process Diagnostic Tab information in E300, SMC50, PF525, PF753, PF755 for the FTView SE Faceplates.
- Application Code Manager -
Include the Hardware selection for PowerDiscrete & PowerVelocity group devices.
Include the Tag Scope (Controller, Program) selection for device objects.
Include the Tag Datatypes (User Defined, Pre-Defined) selection for device objects.
Include the State Monitor Extension object selection for all the devices.

3.7.2 Corrected Anomalies

Add-On Instructions

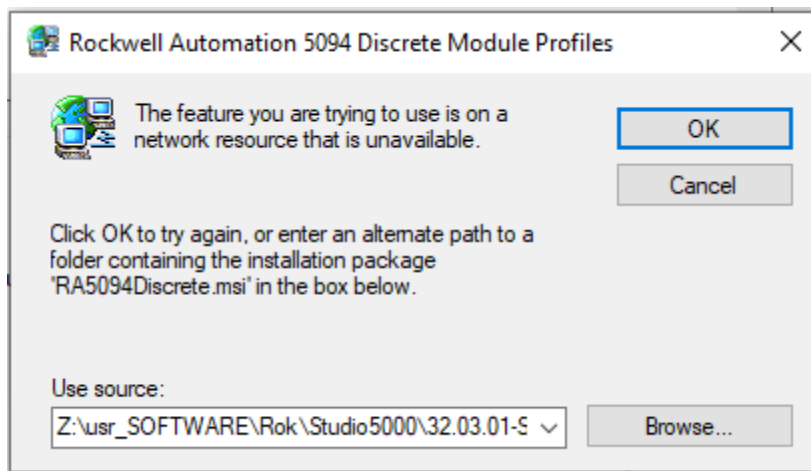
- raC_Dvc_xxxx_InfTable – Corrected for all the devices

Faceplate – VD, ME, SE

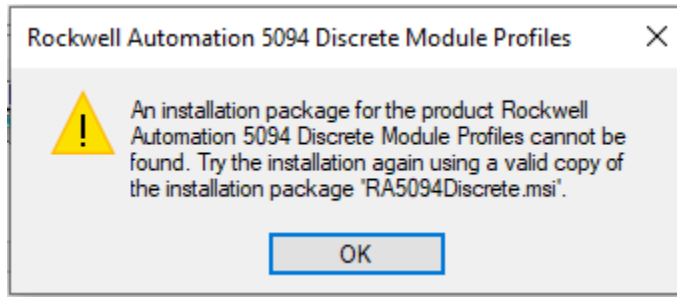
- Fault Tab and Tab details – State Table Updated for all the devices

3.7.3 Known Anomalies

A warning/error can come up during generation due to missing Add-On Profiles for a particular hardware. This will not cause the generation to fail, but user needs to decide about how to proceed. Users should cancel the attempted install of the AOP and deal with it after generation. It is not necessary at all if user do not need to further configure the devices. The warning shown as below (note this is for 5094 specifically, but could be for any device):



Once a user selects cancel, the following dialog will be displayed (again, with relevant product info).



This can then be resolved by downloading and installing the appropriate AOP from the PCDC and relaunching Logix Designer.

Important Note:

In this release AOI(.L5X) and faceplate file(.gfx) are not posted separately. Please refer to the QuickStart - Power Device Library (.pdf) on using ACM libraries and ACM library plugin in Studio 5000.

4 For More Information

Contact RASimplification Team at rasimplification@ra.rockwell.com

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