MOS® Wallplates / QuickPort® Adapters
Using Leviton BIM Content in Revit®
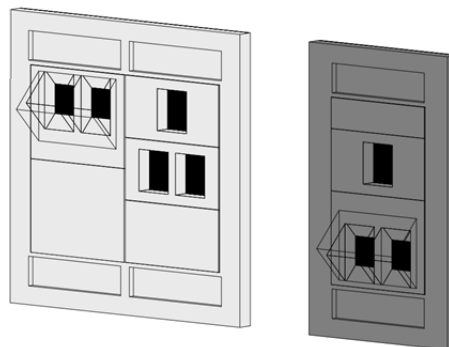
Revit® Families:
Data_Device-Work_Area-Leviton-MOS-Wallplate.rfa
Data_Device-Work_Area-Leviton-MOS-Module-QuickPort.rfa
Schedule File:
Schedule - Data_Device-Work_Area-Leviton-MOS-QuickPort.rvt

Basic Features:
- The Revit® family includes geometry and metadata that represent **MOS QuickPort Adapters** and **MOS Wallplates**.
- The family includes strong references near mounting features for easy placement of **MOS QuickPort Adapters**.

Loading the family into a project:
- The Revit® family may be loaded into a **Revit® 2012 or later** project through all traditional methods.
- When placing a family, press **Spacebar to rotate** if necessary and click once to place each instance.
- If component does not easily snap into place, verify that reference lines are turned on in Visibility Settings. Click **View → Graphics → Visibility / Graphics → Annotations** and check the box for Reference Lines.
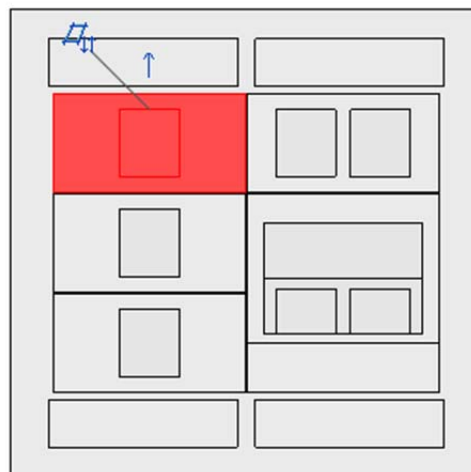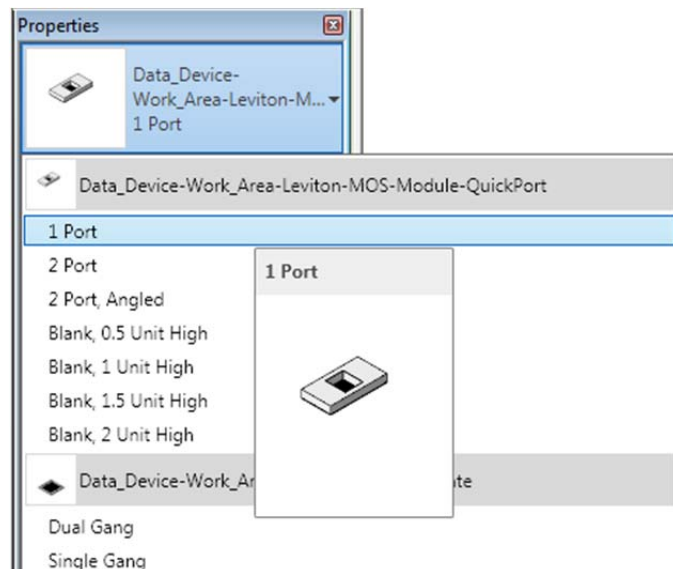
Included Family Types
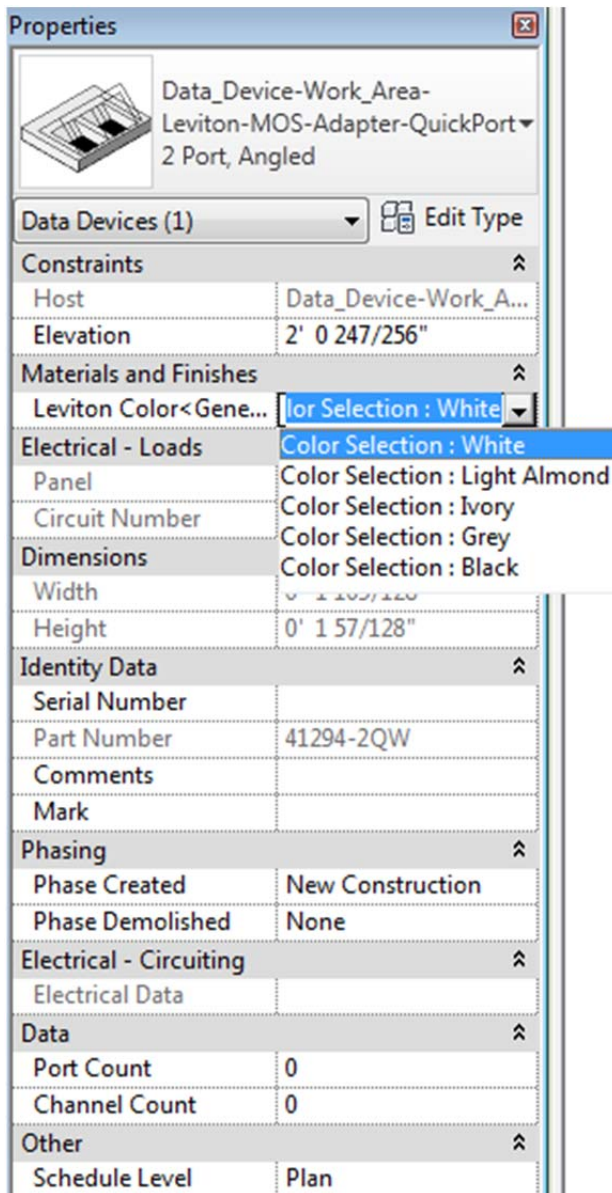
MOS Wallplate:	MOS QuickPort Adapters:	MOS Blank Adapters:
Single Gang	1 Port	Blank, 0.5 Unit High
Dual Gang	2 Port	Blank, 1 Unit High
	1 Port, Angled	Blank, 1.5 Unit High
		Blank, 3 Unit High

Type Selector – Available Family Types

K12 4224B

Features and Settings
Instance Properties:

Constraints
1. **Elevation**

Manually enter desired mounting elevation as measured from center of wallplate.

Graphics
2. **Annotation Symbol**
   a. Symbol: Data
   b. Symbol: Phone
   c. Symbol: Tel Data

Materials and Finishes
3. **Leviton Color (ie. White)**

Please refer to product documentation to determine which wallplates are available in each color.

Identity Data
4. **Part Number**

Automatically updates as wallplate types and features are selected. If the Part Number parameter message "ERROR" appears, please verify that the only one material is selected.

Model Properties
5. **Has ID Windows**

Indicates whether the wallplate has ID Windows. This is automatically shown as checked in families where all types include ID Windows.

Properties Palette

Advanced Techniques
Preconfigured Families:

In smaller projects, it is often simpler and faster to place **MOS Wallplates, Adapters** and **QuickPort Connectors** directly into a project file without the need for a common *parent* family file. However, if you often work with standard **configurations of MOS Wallplates** consider saving preconfigured families with into a common *parent* **family file.** In some cases, this method may help improve performance and streamline the workflow.
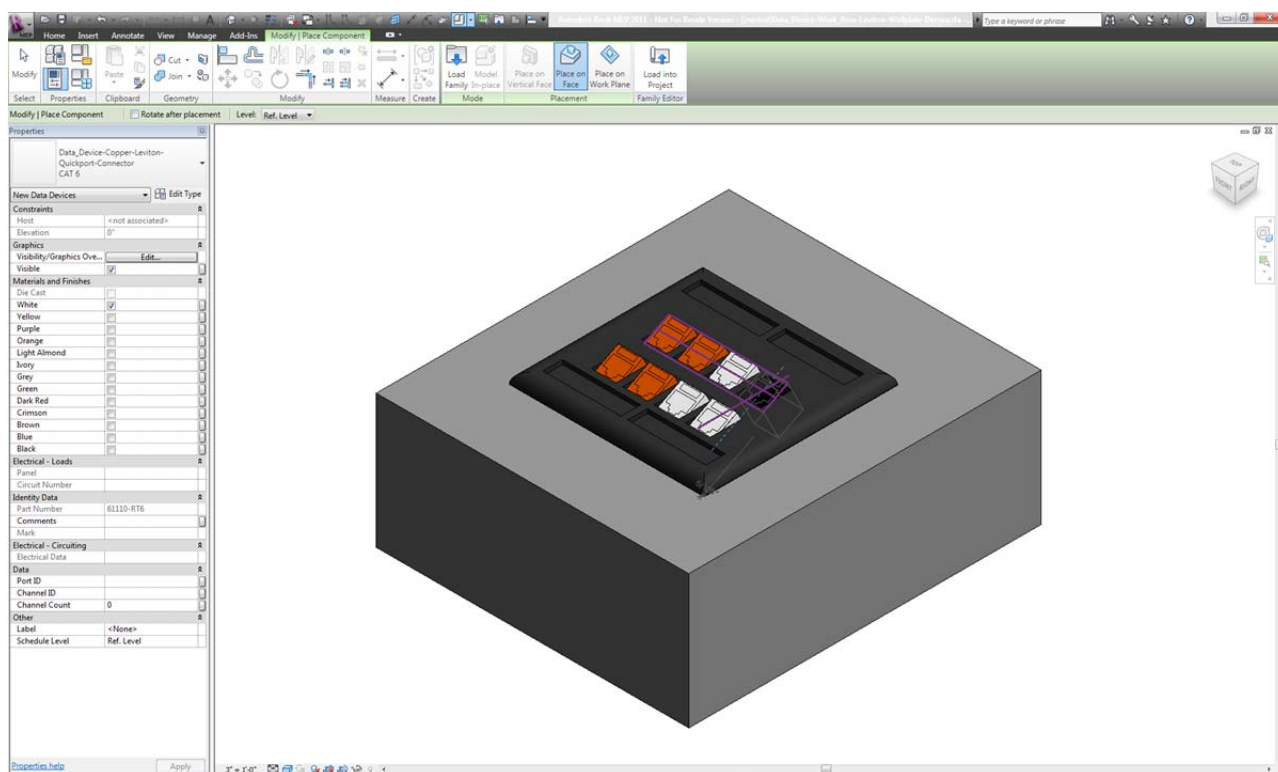
Nested QuickPort Family

Building Preconfigured Families:

- When building preconfigured families, it is recommended to nest the desired QuickPort Wallplate and QuickPort Connectors in a **parent Family file** (not provided) instead of placing the connectors directly into the **QuickPort Wallplate Family** file.
- To build a preconfigured **Family** file:
    1. Create a new **Family** file. If using a template, a more flexible template is often preferable. For instance: *Generic Model face based.rft*
    2. Place and configure QuickPort Connector types as desired to populate QuickPort Wallplate.
    3. Load preconfigured family into target project file and place each instance as desired.
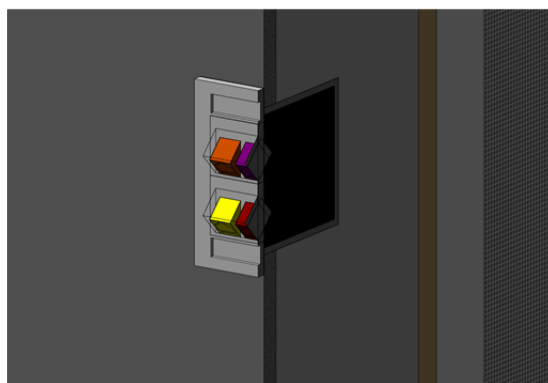
Section View of Preconfigured Wallplate

Note: While we encourage the use of a **parent Family file**, we do not supply one. This file should be custom built for the particular requirements of the project at hand.