

REVIT CONTENT GUIDE

Manufacturer: Wiremold
File: Ground_Box-Outdoor-Wiremold.rfa
Type Catalog: Not Applicable
Rendering file: Not Applicable
Schedule file: Schedule - Ground_Box-Outdoor-Wiremold.rvt



Instance Properties

Adsk Model Properties	
Enviornmental Code Rating	Type 6P
Construction	
Cover Has AVIP Openings	<input type="checkbox"/>
Cover Has Duplex Receptacle	<input checked="" type="checkbox"/>
Cover Has L5_30R Receptacle	<input type="checkbox"/>
Cover Has L6_30R Receptacle	<input type="checkbox"/>
Cover Has MAB Openings	<input type="checkbox"/>
Electrical	
Apparent Load*	0.00 VA
Load Classification*	Other
Number of Poles*	1
Power Factor*	1.000000
Voltage*	0.00 V
Dimension	
Depth*	8.125
Height*	10.750
Width*	16.125
Graphics	
Cover is Open	<input type="checkbox"/>
Identity Data	
Cover Part Number*	XB814C520BK
Equipment Number*	
Part Description*	Exterior Ground Box
Part Number*	XB814

Type Properties

The family contains the following 4 types:

- Ground Box, Black Cover (Values for this type are shown below)
- Ground Box, Brown Cover
- Ground Box, Gray Cover
- Ground Box, Mud Cap Cover

Adsk Model Properties	
Box Capacity	2-Gang
Constraints	
Default Elevation	48.000
Novotny temp parameter FamilyType-2001060*	Cover Assembly - Black

Identity Data	
Copyright*	Copyright © Wiremold
Date Created*	February 21, 2017
Date Modified*	February 21, 2017
Description*	See Part Description
Equipment Abbreviation*	EFB
Family Version*	1.0
Manufacturer*	Wiremold
Model*	See Part Number
Model Disclaimer*	For More Information, Contact Wiremold
Product Documentation Link*	http://www.legrand.us/-/media/products/resources/wiremold-products/outdoor/ground-box/wm-cs-groundbox_ed1782r1.ashx
Product Page URL*	http://www.legrand.us/wiremold/outdoor/ground-box/xb814-outdoor-ground-box.aspx
Type Image	-1
URL*	www.legrand.us
Materials	
Product Material*	9721

Half-tone text in the property tables indicates that the value is locked from editing.

*Indicates Shared Parameter and can be scheduled

Loading and Placing into the Project

One "Electrical Fixtures" family is supplied and may be loaded into a Revit project through all traditional methods. The Floor Box requires a work-plane host to be placed within the project (i.e. floor). Also, ensure that the visibility settings within the project are modified to have the Electrical Fixtures category visible. This box has the ability to cut its host to aid in device plate placement.

Project Behavior

Within the type and instance properties dialogues, the user will find useful information for scheduling purposes such as Height, Width, Depth, and other unique properties of the model. In "Identity Data" the user will find information specific to Wiremold and the model, i.e.: family revision information, Wiremold copyright information, part description, product URL and other specific data. *See scheduling description below.

The family has several instance checkbox options that allow for the selection of the different types of installed devices. Note that only one device option may be used at a time and multiple selection will result in an error.

Conduit may be drawn from any of the many connection points in the model. Some points are concentric and have several possible sizes depending on which knock-out is used in the field. In this case, several model lines are drawn to the nominal sizes of each knock-out to assist users in conduit size selection. Once conduit is drawn from the connection, its size may be manually changed to match one of the other possibilities.

Empty electrical parameters exist for entering in electrical requirements. These parameters are mapped to the connection points.

Instance Parameter

In the "Instance Parameters", the user has the following options to modify:

- Equipment Number - For tagging separately placed instances.
- Cover Has MAB Openings - For selecting the Low Voltage device with MAB openings.
- Cover Has AVIP Openings - For selecting the Low Voltage device with AVIP openings.
- Cover Has L6_30R - For selecting the L6-30R device.
- Cover Has L5_30R - For selecting the L5-30R device.
- Cover Has Duplex Receptacle - For selecting the duplex receptacles device.
- Cover is Open - For opening the cover of the box.

Type Parameter

Type Parameters

Each type represents a manufactured product. Therefore, the type parameters should not be modified by the user. Please note:

- Product Documentation Link - Directs a webpage to the products online listing.
- Equipment Abbreviation - For filtering schedules. *See scheduling description below.

Visibility

For best performance, all model geometry is turned off in Plan View and represented through masking regions and symbolic/model lines that update automatically when a user changes types.

Rendering

When the family file is loaded into the project, standard Wiremold materials are imported. These may be modified, though ensure that the modification selection matches an actual manufacturer supplied option.

Schedule Creation

Wiremold products may be scheduled utilizing the schedule view in the given project file. Select and copy (Ctrl-C) the schedule from the sheet view and paste it (Ctrl-V) into a sheet in your project. The schedule filters are set to look for only those units designated with Manufacturer as “Wiremold” and Equipment Abbreviation as “EFB”. The schedules contain special functionality for displaying the configured order numbers of the different selected types.