



# Welkom in the Valena Next package voor Revit.

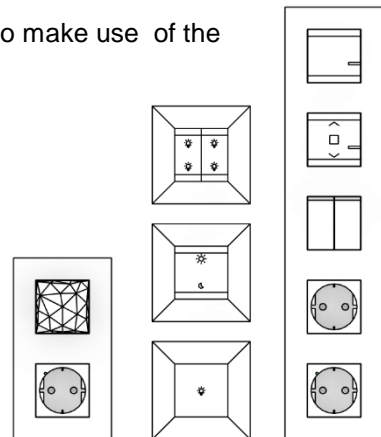
## 1. User Instructions

The recommended use of Valena Next products in a Revit project is to make use of the **assembled** Valena Next families:

- BERSn1\_60\_EF\_LB\_schakelmateriaal Valena next (inbouw hor)\_LG
- BERSn1\_60\_EF\_LB\_schakelmateriaal Valena next (inbouw ver)\_LG
- BERSn1\_60\_EF\_LB\_schakelmateriaal Valena next (opbouw hor)\_LG
- BERSn1\_60\_EF\_LB\_schakelmateriaal Valena next (opbouw ver)\_LG

As well as the Valena Next *with Netatmo* families:

- BERSn1\_60\_EF\_LB\_Valena Next with Netatmo (inbouw)\_LG
- BERSn1\_60\_EF\_LB\_Valena Next with Netatmo Starterskit\_LG
- BERSn1\_60\_COM\_LB\_Valena Next with Netatmo RF control\_LG



These contain a function to select any type of Valena Next product. Symbols are included, as well as modification of symbol positioning.

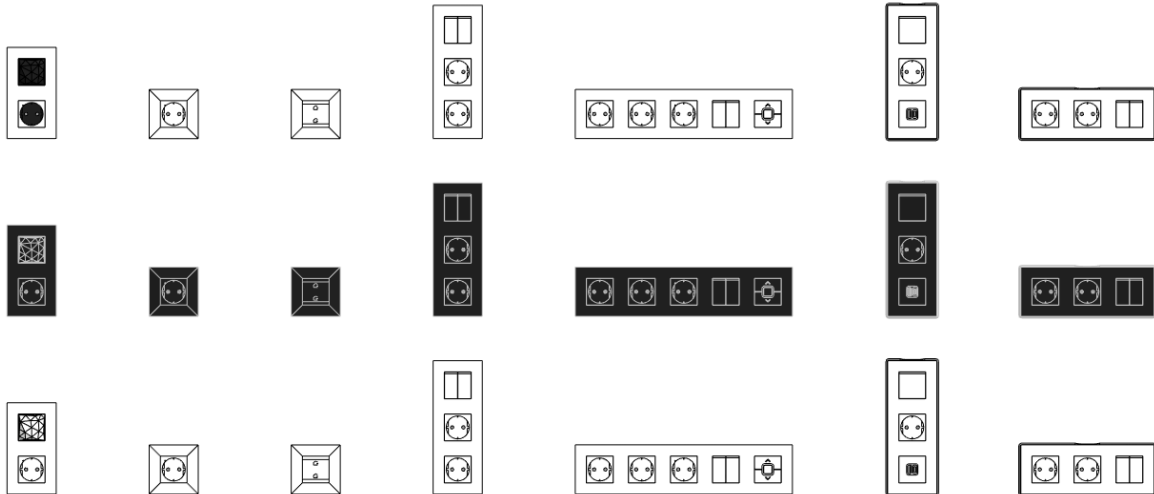
This is the recommended use of the Valena Next content.

Happy Valena Next modelling

## 2. Getting them into your project

Open the view “Copy - Paste view”:

Simply select the products (*Model*-grouped by color) and use Copy - Paste to transfer all products of that color into your project. Although many individual products are not visible, they will be copied as well (due to being shared-nested).

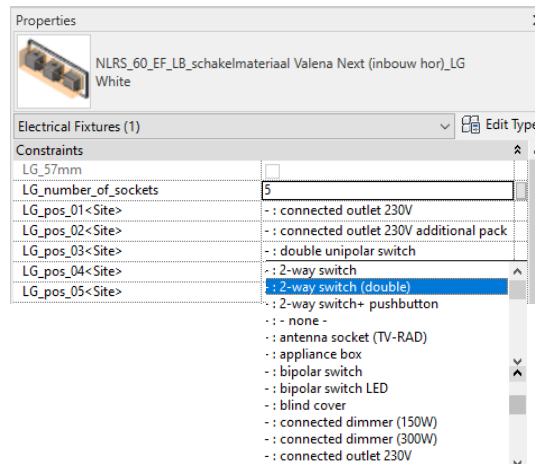


## 3. Using the assembled Valena Next families

### Constraints

Each assembled family (also named compound) has parameters to allow product-selection.

- Choose number of products (max 5)
- For product for each position
- Use [Edit Type] to change the coverframe colors



### Graphics

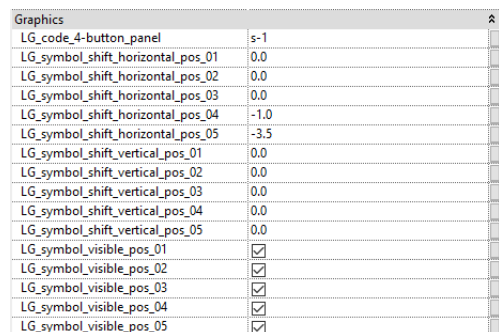
Setting the symbol position is possible by parameters

#### LG\_symbol\_shift

- Horizontal = movement along the wall
- Vertical = away from the wall

#### Visibility by LG\_symbol\_visible

This might be needed for vertical configurations; to disable a second outlet symbol



## Electrical

Electric values for Apparent Power, Voltage, as well as the switch-ID can be assigned to the compound as well; it will push the values to the nested products.

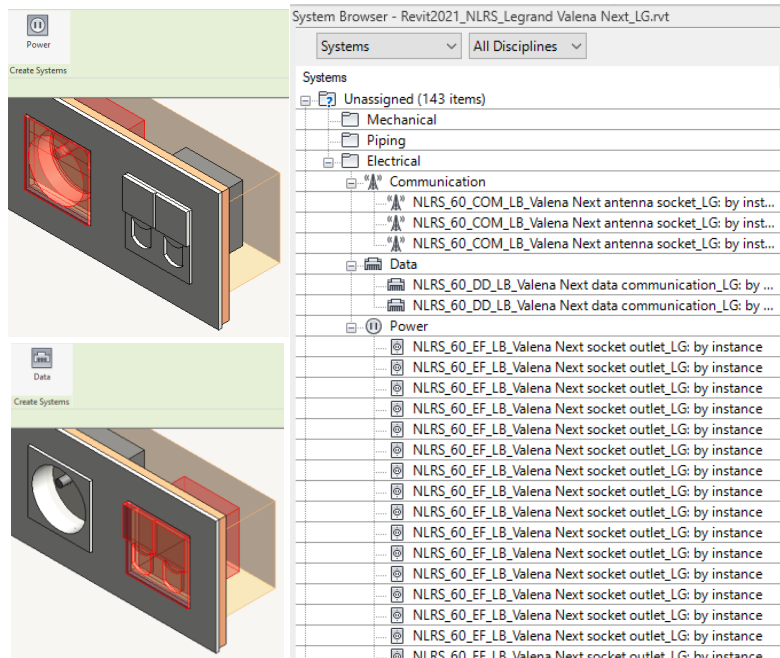
<b>Electrical</b>	
LG_apparent_power_pos_01	200.00 VA
LG_apparent_power_pos_02	0.00 VA
LG_apparent_power_pos_03	0.00 VA
LG_apparent_power_pos_04	0.00 VA
LG_apparent_power_pos_05	0.00 VA
NLRS_E_c01_belastingsklasse	Other
NLRS_E_c01_schijnbaar_vermogen	200.00 VA
NLRS_E_c01_spanning	230.00 V
NLRS_E_c01_aantal_polen	1
<b>Electrical - Lighting</b>	
Switch ID	

## Systems

Electrical Systems for Power, Data and Communication should be started from the nested product.

Make sure you use the TAB key while hovering over the compound.

When the product highlights, select the product and choose the appropriate Revit function for the system.



## General: Remarks

In case the Revit Floor-Plan view does not show the symbols expected from the chosen products, please check:

- Is the *LG\_symbol\_position\_0x* activated ?
- Is the Level Offset of the (nested) product above the Cut Plane of the Floor-Plan view?

If so, either:

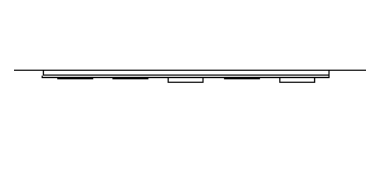
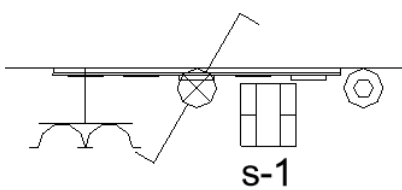
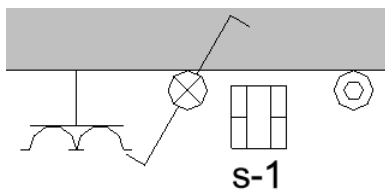
- Change the View Discipline to Electrical or Coordination
- Change the Cut Plane height
- Use a Plan Region for the location

## General: Detail graphics

coarse = symbol only


medium = geometry + symbol

fine = geometry only



## Schedule/Quantities

The package also includes a Bill Of Materials named *Legrand Valena Next products* which is listing only the products from this assortment. You can easily use copy-paste the Revit Schedule of that schedule to your own project.

			
n	Art.Nr.	Omschrijving	GTIN
<b>Communication Devices</b>			
<b>Contactdoos</b>			
1	741270	Valena Next TV/R contactdoos kabelnetwerk volledig apparaat wit met schroefbevestiging	03414971265028
1	741370	Valena Next TV/FM contactdoos kabelnetwerk volledig apparaat alu met schroefbevestiging	03414971265950
1	741470	Valena Next TV/FM contactdoos kabelnetwerk volledig apparaat zwart met schroefbevestiging	03414971266766
<b>RF-bediening</b>			
1	741801	Valena Next with Netatmo - Starterskit met Gateway + Schuko stopcontact Wit	03414971403673
2	741803	Valena Next with Netatmo - RF-bediening voor scenario Opstaan/slapen Wit	03414971403697
2	741812	Valena Next with Netatmo - Geconnecteerde schakelaar/dimmer 5-300W Wit	03414971403819
2	741813	Valena Next with Netatmo - RF-bediening voor scenario Opstaan/slapen Wit	03414971403833
1	741831	Valena Next with Netatmo - RF-bediening voor scenario vertrek/aankomst Alu	03414971403970
1	741832	Valena Next with Netatmo - Viervoudige scenariobediening Alu	03414971955547
1	741833	Valena Next with Netatmo - Geconnecteerde schakelaar/dimmer 5-300W Wit	03414971403994
1	741842	Valena Next with Netatmo - Geconnecteerde schakelaar/dimmer 5-300W Alu	03414971404113
2	741861	Valena Next with Netatmo - RF-bediening voor scenario vertrek/aankomst Zwart	03414971404274
1	741862	Valena Next with Netatmo - RF-bediening voor scenario vertrek/aankomst Zwart	03414971955585
1	741872	Valena Next with Netatmo - Verlichtingsbediening RF 2 x ON/OFF Zwart	03414971404410
1	741873	Valena Next with Netatmo - Geconnecteerde schakelaar/dimmer 5-300W Wit	03414971404434
1	741905 (part 3/3)	Valena Next with Netatmo - Uitbreidingskit Schakelaar + stopcontact Wit	03414971404571
<b>Data Devices</b>			
<b>Contactdoos telefonie / data</b>			
1	741276	Valena Next contactdoos 2xRJ45 UTP cat6 volledig apparaat wit met schroefbevestiging	03414971265202
1	741376	Valena Next contactdoos 2xRJ45 UTP cat6 volledig apparaat alu met schroefbevestiging	03414971266131
There is however a product "Valena Next With Netatmo expansionkit" which contains 3 individual functions as products:			
<ol style="list-style-type: none"> <li>connected power socket (part 1/3) <i>shown below</i></li> <li>connected built-in lighting dimmer-switch (part 2/3)</li> <li>remote surface-mounted dimmer-switch (part 3/3) <i>shown above</i></li> </ol>			
0	741175	Valena Next aroekraam 5 mechanismen hor/vert centerafstand 11mm zwart koper	03414971275706
4	741175	Valena Next afdekraam 5 mechanismen hor/vert centerafstand 71mm zwart koper	03414971275768
<b>Contactdoos</b>			
18	741221	Valena Next wcd 2P+A 16A volledig apparaat wit met schroefbevestiging	03414971264472
13	741321	Valena Next wcd 2P+A 16A volledig apparaat alu met schroefbevestiging	03414971265448
15	741421	Valena Next contactdoos 2P+A 16A volledig apparaat zwart met schroefbevestiging	03414971266315
1	741805 (part 1/3)	Valena Next with Netatmo - Uitbreidingskit Schakelaar + stopcontact Wit	03414971403710
5	741811	Valena Next with Netatmo - Geconnecteerde WCD 16A Wit	03414971403796
5	741841	Valena Next with Netatmo - Geconnecteerde WCD 16A Alu	03414971404090
3	741871	Valena Next with Netatmo - Geconnecteerde WCD 16A Zwart	03414971404397
<b>Opbouwdoos</b>			
14	776183	Valena Next opbouwbak 3 mechanismen wit	03245067761830
<b>Rolluikschakelaar / drukknop</b>			
2	741253	Valena Next rolluikpulsdrukker volledig apparaat wit met schroefbevestiging	03414971264847
2	741353	Valena Next rolluikpulsdrukker volledig apparaat alu met schroefbevestiging	03414971265806
1	741453	Valena Next rolluikpulsdrukker volledig apparaat zwart met schroefbevestiging	03414971266612
2	741807	Valena Next with Netatmo - Geconnecteerde rolluikschakelaar Wit	03414971403734
1	741837	Valena Next with Netatmo - Geconnecteerde rolluikschakelaar Alu	03414971404038
1	741867	Valena Next with Netatmo - Geconnecteerde rolluikschakelaar Zwart	03414971404335
<b>Starterskit met Gateway + stopcontact</b>			
3	741800	Valena Next with Netatmo - Starterskit met Gateway + Schuko stopcontact Wit	03414971403659
2	741830	Valena Next with Netatmo - Starterskit met Gateway + Schuko stopcontact Alu	03414971403956
2	741860	Valena Next with Netatmo - Starterskit met Gateway + Schuko stopcontact Zwart	03414971404250
<b>Lighting Devices</b>			
<b>Bewegingsschakelaar</b>			
1	741260	Valena Next automatische schakelaar 2 draads+on/off volledig apparaat wit met schroefbevestiging	03414971264984

## Using Legrand Valena Next content as generic – LOD300

The families in the package do have a checkbox to switch between LOD400, which is standard, to LOD300 as generic.

All Manufacturer specific information is then removed; values will no longer show that the product is from the assortment of Legrand Valena Next. A generic descriptive value will then be shown instead.

All you need to do is to toggle the LOD300 parameter.

Description		Contactdoos
Keynote		
LOD300	<input type="checkbox"/>	←
LOD400	<input checked="" type="checkbox"/>	
Manufacturer	Legrand	←
Model		
Type Comments		
Type Image		
URL		
Assembly Description		
Type Mark		
OmniClass Number	23.35.27.11.11	
OmniClass Title	Electrical Receptacle Terminal Units	
Code Name		
<b>IFC Parameters</b>		
IfcExportAs	IfcOutlet	
IfcExportType	POWER	
IsPluggableOutlet	<input checked="" type="checkbox"/>	
ModelLabel	Contactdoos	
<b>General</b>		
NLRS_C_code_ETIM	EC000125	
NLRS_C_code_ETIM_MC	MC000139	
NLRS_C_code_fabrikant_gln	3012450600102	←
NLRS_C_content_creator	Itannex / Arkance Systems	
NLRS_C_content_datum_gewijzigd	2021.07.22	
NLRS_C_content_provider	Legrand Netherlands	

Depth of device		Value
Height of device		74.0
Width of device		74.0
<b>Identity Data</b>		
NLRS_C_code_fabrikant_product		741421 ←
NLRS_C_omschrijving		Valena Next contactdoos 2P+A 16A voll... →
<b>Image</b>		
Comments		
Mark		35
<b>Phasing</b>		
<b>IFC Parameters</b>		
ArticleNumber		741421 ←
AssemblyPlace		SITE
GlobalTradeItemNumber		03414971266315 ←
ModelReference		Valena Next contactdoos 2P+A 16A voll... →
NumberOfSockets		1
ProductionYear		2021
Reference		
Status		NEW
<b>General</b>		
NLRS_C_code_gtin		03414971266315 ←
NLRS_C_code_SfB_tabel1		62.12
NLRS_C_product_assortiment		Valena Next
NLRS_E_IPklasse		IP20 (EV006405)
NLRS_E_c01_omschrijving		Valena Next contactdoos 2P+A 16A voll... →
<b>Electrical - Circuiting</b>		
Electrical Data		Valena Next contactdoos 2P+A 16A voll...

Image below shows the LOD300 version without Manufacturer information

Description		Contactdoos
Keynote		
LOD300	<input checked="" type="checkbox"/>	←
LOD400	<input type="checkbox"/>	
Manufacturer	generic	←
Model		
Type Comments		
Type Image		
URL		
Assembly Description		
Type Mark		
OmniClass Number	23.35.27.11.11	
OmniClass Title	Electrical Receptacle Terminal Units	
Code Name		
<b>IFC Parameters</b>		
IfcExportAs	IfcOutlet	
IfcExportType	POWER	
IsPluggableOutlet	<input checked="" type="checkbox"/>	
ModelLabel	Contactdoos	
<b>General</b>		
NLRS_C_code_ETIM	EC000125	
NLRS_C_code_ETIM_MC	MC000139	
NLRS_C_code_fabrikant_gln	n/a	←
NLRS_C_content_creator	Itannex / Arkance Systems	
NLRS_C_content_datum_gewijzigd	2021.07.22	
NLRS_C_content_provider	Legrand Netherlands	

Depth of device		Value
Height of device		74.0
Width of device		74.0
<b>Identity Data</b>		
NLRS_C_code_fabrikant_product		n/a ←
NLRS_C_omschrijving		n/a →
<b>Image</b>		
Comments		
Mark		35
<b>Phasing</b>		
<b>IFC Parameters</b>		
ArticleNumber		n/a ←
AssemblyPlace		SITE
GlobalTradeItemNumber		n/a ←
ModelReference		n/a
NumberOfSockets		1
ProductionYear		2021
Reference		
Status		NEW
<b>General</b>		
NLRS_C_code_gtin		n/a ←
NLRS_C_code_SfB_tabel1		62.12
NLRS_C_product_assortiment		-
NLRS_E_IPklasse		IP20 (EV006405)
NLRS_E_c01_omschrijving		Contactdoos →
<b>Electrical - Circuiting</b>		
Electrical Data		Contactdoos 230 V/1-0 VA

Use a schedule that contains families from multiple categories with only the LOD300 parameter (filter), do not itemize, and then uncheck/toggle the parameter value.

- This will need up to a coffee break to process
- It will only affect the placed families