

Object Styles Used



Detail Items				
	Data Boards			
	Electrical Boards			

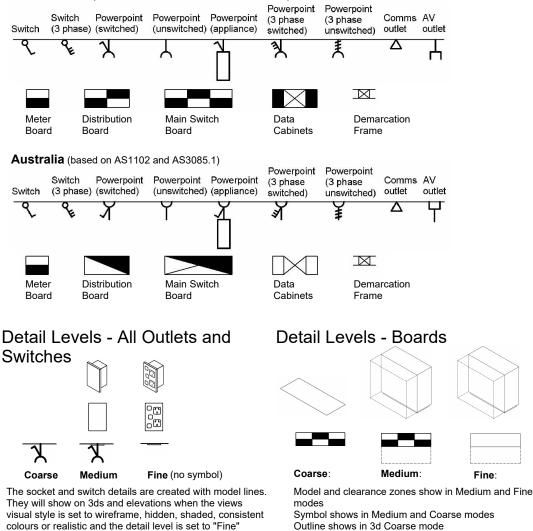
Allows for amendments of the lineweights and colours of all the linework within the symbols and leaders.

Allows for amendments of the lineweights and colours of all the linework within the real-size electrical and data boards symbols.

Symbolic Plan Representation

The symbolic representations can be edited to suit other standards. This document uses the New Zealand plan symbols for graphical examples.

New Zealand (based on NZS/AS1102 and NZS/AS3085.1)

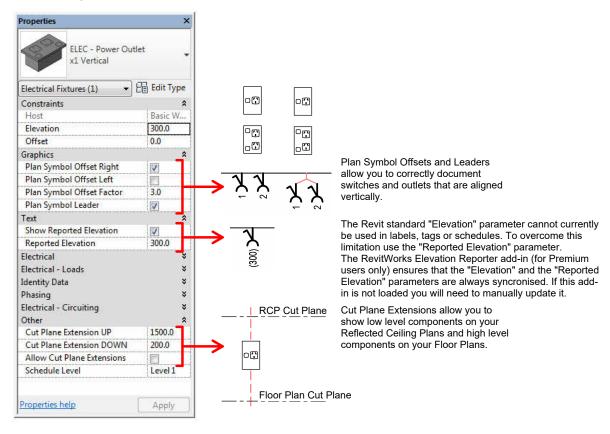


Content that works

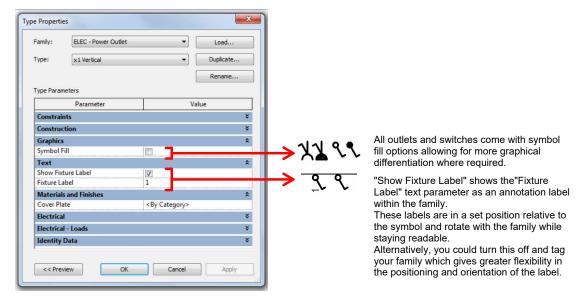


Common Instance Parameters

Refer to the Light Switches section for comprehensive additional parameter explanations



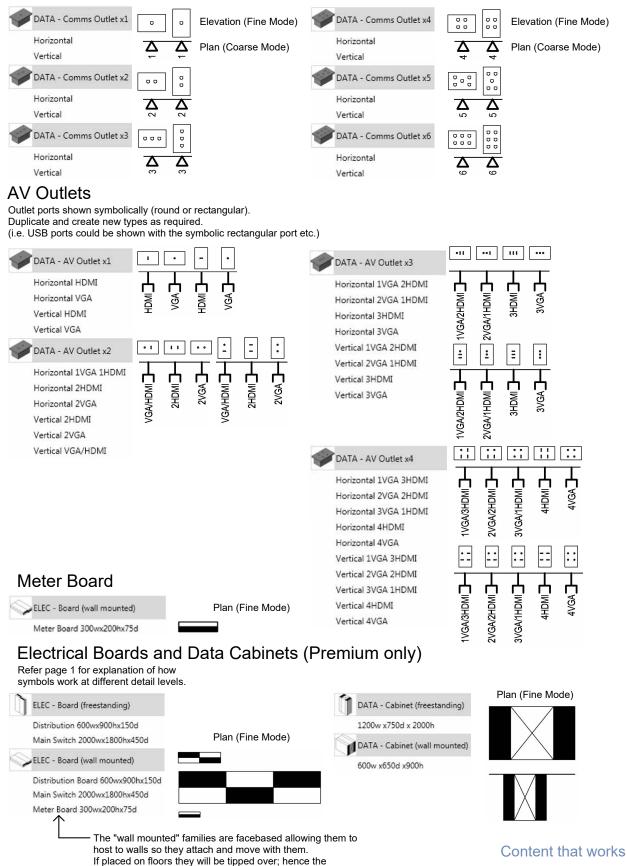
Common Type Parameters - (for all Outlets and Switches)



inclusion of the "freestanding" components.



Data Outlets



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Power Outlets

ELCL - Power Outlet Blank Horizontal Blank Horizontal Blank Horizontal Blank Vertical x1 Horizontal (narrow) x1 Horizontal (unswitched) x1 Horizontal Appliance Permanent x1 Horizontal Large Format (thin) x1 Vertical x1 Vertical Appliance Permanent (unswitched) x1 Vertical Appliance Permanent (unswitched) x1 Vertical Appliance Permanent (unswitched) x1 Vertical Large Format (thin) x2 Vertical (narrow) x2 Horizontal x2 Vertical x2 Vertical x2 Vertical x2 Vertical x3 Horizontal x4 Horizontal (narrow) x2 Horizontal x2 Vertical x2 Vertical x2 Vertical x3 Horizontal x4 Horizontal x5 Horizontal x5 Horizontal	ELEC - Power Outlet	
Blank Horizontal narrow Blank Vertical x1 Horizontal (narrow) x1 Horizontal (unswitched) x1 Horizontal Appliance Permanent x1 Horizontal Appliance Permanent (unswitched) x1 Horizontal Large Format (thin) x1 Vertical x1 Vertical Appliance Permanent (unswitched) x1 Vertical Large Format (thin) x1 Vertical Appliance Permanent (unswitched) x1 Vertical Appliance Permanent (unswitched) x1 Vertical Appliance Permanent (unswitched) x1 Vertical Large Format (thin) x2 Horizontal (narrow) x2 Horizontal + USB x2 Vertical + USB x4 Horizontal x5 Horizontal	FLEC - Power Outlet	
Blank Vertical x1 Horizontal x1 Horizontal (narrow) x1 Horizontal (unswitched) x1 Horizontal Appliance Permanent x1 Horizontal Large Format (thin) x1 Vertical x1 Vertical Appliance Permanent x1 Vertical Large Format (thin) x2 Horizontal x2 Horizontal (narrow) x2 Horizontal + USB x2 Large Format x2 Vertical x2 Vertical x2 Vertical x2 Vertical x2 Vertical x2 Vertical x3 Horizontal x4 Horizontal x4 Horizontal x4 Horizontal x5 Horizontal x5 Horizontal	Blank Horizontal	
Blank Vertical x1 Horizontal (narrow) x1 Horizontal (unswitched) x1 Horizontal Appliance Permanent x1 Horizontal Appliance Permanent (unswitched) x1 Horizontal Large Format (thin) x1 Vertical x1 Vertical Appliance Permanent x1 Vertical Large Format (thin) x2 Horizontal x2 Horizontal (narrow) x2 Horizontal + USB x4 Horizontal x2 Vertical x2 Vertical x3 Horizontal x4 Horizontal x5 Horizontal	Blank Horizontal narrow	
x1 Horizontal (narrow) x1 Horizontal Appliance Permanent x1 Horizontal Appliance Permanent (unswitched) x1 Horizontal Appliance Permanent (unswitched) x1 Vertical x1 Vertical Appliance Permanent (unswitched) x1 Vertical Large Format (thin) x2 Horizontal x2 Horizontal (narrow) x2 Horizontal + USB x2 Large Format x2 Vertical x2 Vertical + USB x4 Horizontal x5 Horizontal	Blank Vertical	тттуу ү
x1 Horizontal (narrow) x1 Horizontal (unswitched) x1 Horizontal Appliance Permanent x1 Horizontal Appliance Permanent (unswitched) x1 Horizontal Large Format (thin) x1 Vertical x1 Vertical Appliance Permanent x1 Vertical Large Format (thin) x2 Horizontal x2 Horizontal + USB x2 Large Format x2 Vertical x2 Vertical x3 Horizontal x4 Horizontal x5 Horizontal	x1 Horizontal	
x1 Horizontal (unswitched) x1 Horizontal Appliance Permanent x1 Horizontal Appliance Permanent (unswitched) x1 Horizontal Large Format (thin) x1 Vertical x1 Vertical (unswitched) x1 Vertical Appliance Permanent (unswitched) x1 Vertical Large Format (thin) x2 Horizontal x2 Horizontal + USB x2 Large Format x2 Vertical + USB x4 Horizontal x2 Vertical x2 Vertical x2 Vertical + USB x4 Horizontal x5 Horizontal	x1 Horizontal (narrow)	Currente d'avrea e la cabavra
x1 Horizontal Appliance Permanent the normal symbol will show instead. x1 Horizontal Appliance Permanent (unswitched) x1 Vertical x1 Vertical (unswitched) x1 Vertical Appliance Permanent x1 Vertical Appliance Permanent x1 Vertical Appliance Permanent x1 Vertical Appliance Permanent x1 Vertical Large Format (thin) x1 Vertical Large Format (thin) x2 Horizontal x2 Horizontal (narrow) x2 Large Format x2 Vertical x3 Horizontal x5 Horizontal	x1 Horizontal (unswitched)	If not required, un-tick type property
x1 Horizontal Large Format (thin) x1 Vertical x1 Vertical (unswitched) x1 Vertical Appliance Permanent x1 Vertical Appliance Permanent (unswitched) x1 Vertical Large Format (thin) x2 Horizontal x2 Horizontal (narrow) x2 Horizontal + USB x2 Large Format x2 Vertical x2 Vertical x2 Vertical x2 Vertical x2 Vertical x5 Horizontal	x1 Horizontal Appliance Permanent	
x1 Horizontal Large Format (thin) x1 Vertical x1 Vertical (unswitched) x1 Vertical Appliance Permanent x1 Vertical Appliance Permanent (unswitched) x1 Vertical Large Format (thin) x2 Horizontal x2 Horizontal (narrow) x2 Horizontal + USB x2 Large Format x2 Vertical x2 Vertical + USB x4 Horizontal x5 Horizontal	x1 Horizontal Appliance Permanent (unswitched)	
x1 Vertical (unswitched) x1 Vertical Appliance Permanent x1 Vertical Appliance Permanent (unswitched) x1 Vertical Large Format (thin) x2 Horizontal x2 Horizontal (narrow) x2 Horizontal + USB x2 Large Format x2 Vertical x2 Vertical + USB x4 Horizontal x5 Horizontal	x1 Horizontal Large Format (thin)	
x1 Vertical Appliance Permanent x1 Vertical Appliance Permanent (unswitched) x1 Vertical Large Format (thin) x2 Horizontal x2 Horizontal (narrow) x2 Horizontal + USB x2 Vertical x2 Vertical + USB x4 Horizontal x5 Horizontal	x1 Vertical	<u> </u>
x1 Vertical Appliance Permanent (unswitched) x1 Vertical Large Format (thin) x2 Horizontal x2 Horizontal (narrow) x2 Horizontal + USB x2 Large Format x2 Vertical x2 Vertical x2 Vertical x4 Horizontal x5 Horizontal	x1 Vertical (unswitched)	0 0 7 7 0
x1 Vertical Large Format (thin) x2 Horizontal x2 Horizontal (narrow) x2 Horizontal + USB x2 Vertical x2 Vertical + USB x4 Horizontal x5 Horizontal	x1 Vertical Appliance Permanent	
x1 Vertical Large Format (thin) x2 Horizontal x2 Horizontal (narrow) x2 Horizontal + USB x2 Large Format x2 Vertical x2 Vertical x2 Vertical + USB x4 Horizontal x5 Horizontal	x1 Vertical Appliance Permanent (unswitched)	
x2 Horizontal (narrow) x2 Horizontal + USB x2 Large Format x2 Vertical x2 Vertical + USB x4 Horizontal x5 Horizontal	x1 Vertical Large Format (thin)	
x2 Large Format x2 Vertical x2 Vertical + USB x4 Horizontal x5 Horizontal	x2 Horizontal	ЧХХХХЪ
x2 Large Format x2 Vertical x2 Vertical + USB x4 Horizontal x5 Horizontal	x2 Horizontal (narrow)	
x2 Vertical x2 Vertical + USB x4 Horizontal x5 Horizontal	x2 Horizontal + USB	2+
x2 Vertical + USB x4 Horizontal x5 Horizontal	x2 Large Format	
x4 Horizontal	x2 Vertical	
	x2 Vertical + USB	X X X X
	x4 Horizontal	5 4 B 2
Industrial Outlets (Premium only)	x5 Horizontal	2+l
	Industrial Outlets (Premium o	only)

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lan (Coarse Mode)

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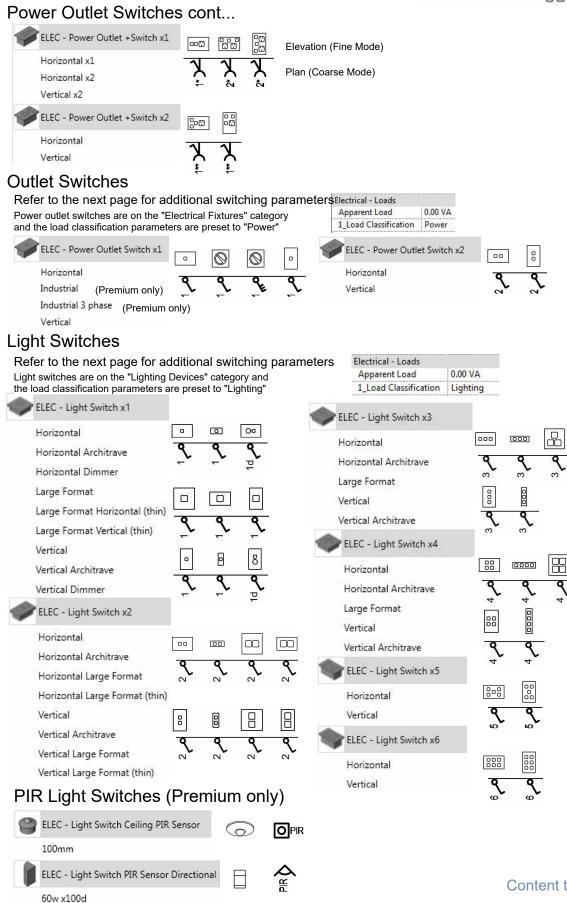
Indu l

ELEC - Power Outlet Industrial

1 Phase x1 (switch above)	\bigcirc	\odot
1 Phase x1 (switch beside)	\odot	
1 Phase x1 (unswitched)	1	2
1 Phase x2 Horizontal (unswitched)	Ϋ́	Ϋ́
1 Phase x2 Vertical (unswitched)		
3 Phase 3pin x1 (switch above)	\bigcirc	
3 Phase 3pin x1 (switch beside)	\bigcirc	\odot
3 Phase 3pin x1 (unswitched)		
3 Phase 3pin x2 Horizontal (unswitched)	Å	শু
3 Phase 3pin x2 Vertical (unswitched)	£	£-
3 Phase 4pin x1 (switch above)		
3 Phase 4pin x1 (switch beside)		\odot
3 Phase 4pin x1 (unswitched)		
3 Phase 4pin x2 Horizontal (unswitched)	শু	শু
3 Phase 4pin x2 Vertical (unswitched)	-	-
3 Phase 5pin x1 (switch above)		
3 Phase 5pin x1 (switch beside)		۲
3 Phase 5pin x1 (unswitched)		
3 Phase 5pin x2 Horizontal (unswitched)	শু	শু
3 Phase 5pin x2 Vertical (unswitched)	~	~

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Additional Switching Instance Parameters

All switches have additional switching instance parameters to

suit different documentation methodologies.

Refer Page 2 for common instance parameter explanations

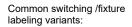
Properties)
ELEC - Light Switch x2 Vertical			27
Lighting Devices (1)	~	📑 Edi	t Type
Constraints			* ^
Graphics		. .	*
Show Individual Switches	\checkmark		
Plan Symbol Offset Right			
Plan Symbol Offset Left			
Plan Symbol Offset Factor	3.0		
Plan Symbol Leader			
Fixture and Elevation Label Offset	0.0		
Text			
Turn Off Fixture Label			П
Show Reported Elevation	Π		
Reported Elevation	900	.0	
Show Individual Switch Labels			
1 Switch Label	dw		
2 Switch Label	rh		
Electrical	a la mara		\$
2 Intermediate		1	n
2_2 Way			
1 Intermediate	H		
1_2 Way	H		
Electrical - Lighting			\$
Switch ID			
Electrical - Loads			\$
Apparent Load	0.00	VA	ĥ
2 Load Classification		nting	
1 Load Classification		nting	
Panel	Ligi	iung	
Circuit Number			
			×
Identity Data			÷
Phasing			
Electrical - Circuiting			* v
Properties help		Ар	nly

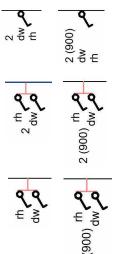
This example is based on a 2 gang switch. The parameter concept carries through for all the other switches (i.e. 4 gang switches have "3_Switch Label" and "4_Switch Label" parameters etc)



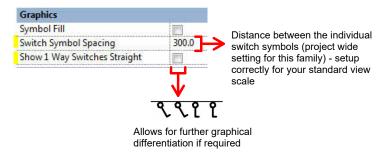
Individual switches can be shown, allowing them to be labeled separately....

.... also allowing the type of circuit to be graphically shown (and/or combinations of both) if required





Additional Switching Type Parameters:



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