

XL HVRB Module	"XL HVRB"	CentralLite: XL HVRB	Tag Number 0048
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Relay / 1

BR 4/5 Shower: Vent Fan

XL HVRB Module

Output Address = MCP:1-(3)049

Change

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1C-32 1C-32	14-2	BR 4/5 Shower: Vent Fan (Tier 1)	3 Red/GFI-Cluster	1C-32 1C-32	14	Black White	Switched Neutral	RL 1 NO RL 1 Neutral
<i>Source Cable(s)</i>				<i>Source Wires</i>				Device Connection
Cable ID	Style	Circuit Branch Name / Function	Cable Origin	Cable ID	AWG	Wire Color	Wire Function	
1C-12	14-2	(Vent Fans & Closet Lights)	Red/CB-Panel	1C-12 1C-12	14	Black White	Hot Neutral	RL 1 COM (Hot) RL 1 Neutral

Relay / 2

BR 4/5 Bath Toilet: Vent Fan

XL HVRB Module

Output Address = MCP:1-(3)050

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1A-12 1A-12	14-2	BR 4/5 Bath Toilet: Vent Fan	14 BR 4/5 Bath Toilet	1A-12 1A-12	14	Black White	Switched Neutral	RL 2 NO RL 2 Neutral
<i>Source Cable(s)</i>				<i>Source Wires</i>				Device Connection
Cable ID	Style	Circuit Branch Name / Function	Cable Origin	Cable ID	AWG	Wire Color	Wire Function	
1C-12	14-2	(Vent Fans & Closet Lights)	Red/CB-Panel	1C-12 1C-12	14	Black White	Hot Neutral	RL 2 COM (Hot) RL 2 Neutral

Relay / 3

Long Hall Linen Closet: Light

XL HVRB Module

Output Address = MCP:1-(3)051

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1C-03 1C-03	14-2	Long Hall Linen Closet: Light	21 Long Hall Linen Closet	1C-03 1C-03	14	Black White	Switched Neutral	RL 3 NO RL 3 Neutral
<i>Source Cable(s)</i>				<i>Source Wires</i>				Device Connection
Cable ID	Style	Circuit Branch Name / Function	Cable Origin	Cable ID	AWG	Wire Color	Wire Function	
1C-12	14-2	(Vent Fans & Closet Lights)	Red/CB-Panel	1C-12 1C-12	14	Black White	Hot Neutral	RL 3 COM (Hot) RL 3 Neutral

Relay / 4

Master Linen Closet: Light

XL HVRB Module

Output Address = MCP:1-(3)052

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
2A-06 2A-06	14-2	Master Linen Closet: Light	19 Master Linen Closet	2A-06 2A-06	14	Black White	Switched Neutral	RL 4 NO RL 4 Neutral
<i>Source Cable(s)</i>				<i>Source Wires</i>				Device Connection
Cable ID	Style	Circuit Branch Name / Function	Cable Origin	Cable ID	AWG	Wire Color	Wire Function	
1C-12	14-2	(Vent Fans & Closet Lights)	Red/CB-Panel	1C-12 1C-12	14	Black White	Hot Neutral	RL 4 COM (Hot) RL 4 Neutral

Relay / 5

Master Bath: Vent Fan

XL HVRB Module

Output Address = MCP:1-(3)053

Load Cable(s)				Load Cable Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2B-18	14-2	Master Bath: Vent Fan	22	2B-18	14	Black	Switched	RL 5 NO
2B-18			Master Bath	2B-18	14	White	Neutral	RL 5 Neutral
Source Cable(s)				Source Wires				Device Connection
Cable ID	Style	Circuit Branch Name / Function	Cable Origin	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1C-12	14-2	(Vent Fans & Closet Lights)	Red/CB-Panel	1C-12	14	Black	Hot	RL 5 COM (Hot)
				1C-12	14	White	Neutral	RL 5 Neutral

Relay / 6

Master Toilet: Vent Fan

XL HVRB Module

Output Address = MCP:1-(3)054

Load Cable(s)				Load Cable Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2B-19	14-2	Master Toilet: Vent Fan	27	2B-19	14	Black	Switched	RL 6 NO
2B-19			Master Toilet	2B-19	14	White	Neutral	RL 6 Neutral
Source Cable(s)				Source Wires				Device Connection
Cable ID	Style	Circuit Branch Name / Function	Cable Origin	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1C-12	14-2	(Vent Fans & Closet Lights)	Red/CB-Panel	1C-12	14	Black	Hot	RL 6 COM (Hot)
				1C-12	14	White	Neutral	RL 6 Neutral

Relay / 7

BR 5: Outlets - Bedroom

XL HVRB Module

Output Address = MCP:1-(3)055

Load Cable(s)				Load Cable Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1A-14	14-3	BR 5: Outlets - Bedroom	22	1A-14	14	Black	Hot	RL 7 Hot
1A-14			BR 5	1A-14	14	Red	Switched	RL 7 NO
				1A-14	14	White	Neutral	RL 7 Neutral
Source Cable(s)				Source Wires				Device Connection
Cable ID	Style	Circuit Branch Name / Function	Cable Origin	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1C-13	14-2	(Bedroom 5: Outlets - Bedroom)	Red/CB-Panel	1C-13	14	Black	Hot	RL 7 COM (Hot)
				1C-13	14	White	Neutral	RL 7 Neutral

Relay / 8

BR 5 Alcove: Outlets - Closet & Alcove

XL HVRB Module

Output Address = MCP:1-(3)056

Load Cable(s)				Load Cable Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1A-15	14-3	BR 5 Alcove: Outlets - Closet & Alcove	24	1A-15	14	Black	Hot	RL 8 Hot
1A-15			BR 5 Alcove	1A-15	14	Red	Switched	RL 8 NO
				1A-15	14	White	Neutral	RL 8 Neutral
Source Cable(s)				Source Wires				Device Connection
Cable ID	Style	Circuit Branch Name / Function	Cable Origin	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1C-14	14-2	(Bedroom 5 Alcove: Outlets - Alcove & Closet)	Red/CB-Panel	1C-14	14	Black	Hot	RL 8 COM (Hot)
				1C-14	14	White	Neutral	RL 8 Neutral

Relay / 9

Master BR: Outlets

XL HVRB Module

Output Address = MCP:1-(3)057

Circuit ID Cable ID	Style	Location & Name	Length & Destination
2A-08 2A-08	14-3	Master BR: Outlets	19 Master BR

Cable ID	Style	Circuit Branch Name / Function	Cable Origin
1C-09	14-2	(Master Bedroom: Outlets)	Pink/CB-Panel

Cable ID	AWG	Wire Color	Wire Function	Device Connection
2A-08	14	Black	Hot	RL 9 Hot
2A-08	14	Red	Switched	RL 9 NO
2A-08	14	White	Neutral	RL 9 Neutral

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1C-09	14	Black	Hot	RL 9 COM (Hot)
1C-09	14	White	Neutral	RL 9 Neutral

Relay / 10

BR 4/5 Bath: Towel Warmer

XL HVRB Module

Output Address = MCP:1-(3)058

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1A-16 1A-16	14-2	BR 4/5 Bath: Towel Warmer	21 BR 4/5 Bath

Cable ID	Style	Circuit Branch Name / Function	Cable Origin
1C-08	14-2	(Lower Bath: Towel Warmers)	Yellow/CB-Panel/OffP

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1A-16	14	Black	Switched	RL 10 NO
1A-16	14	White	Neutral	RL 10 Neutral

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1C-08	14	Black	Hot	RL 10 COM (Hot)
1C-08	14	White	Neutral	RL 10 Neutral

Relay / 11

BR 4: Outlets - Bedroom

XL HVRB Module

Output Address = MCP:1-(3)059

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1B-06 1B-06	14-3	BR 4: Outlets - Bedroom	20 BR 4

Cable ID	Style	Circuit Branch Name / Function	Cable Origin
1C-15	14-2	(Bedroom 4: Outlets)	Red/CB-Panel

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1B-06	14	Black	Hot	RL 11 Hot
1B-06	14	Red	Switched	RL 11 NO
1B-06	14	White	Neutral	RL 11 Neutral

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1C-15	14	Black	Hot	RL 11 COM (Hot)
1C-15	14	White	Neutral	RL 11 Neutral

Relay / 12

Great Room: Outlets - Lamp

XL HVRB Module

Output Address = MCP:1-(3)060

Circuit ID Cable ID	Style	Location & Name	Length & Destination
2C-10 2C-10	14-3	Great Room: Outlets - Lamp	37 Great Room

Cable ID	Style	Circuit Branch Name / Function	Cable Origin
1C-10	14-2	(Great Room: Lamp Outlets)	Pink/CB-Panel

Cable ID	AWG	Wire Color	Wire Function	Device Connection
2C-10	14	Black	Hot	RL 12 Hot
2C-10	14	Red	Switched	RL 12 NO
2C-10	14	White	Neutral	RL 12 Neutral

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1C-10	14	Black	Hot	RL 12 COM (Hot)
1C-10	14	White	Neutral	RL 12 Neutral

Relay / 13

XL HVRB Module

Output Address = MCP:1-(3)061

Load Cable(s)			
Circuit ID Cable ID	Style	Location & Name	Length & Destination
2C-11 2C-11	14-3	Great Room: Outlets - Decoration	41 Great Room

Source Cable(s)			
Cable ID	Style	Circuit Branch Name / Function	Cable Origin
1C-11	14-2	(Great Room: Decoration Outlets)	Pink/CB-Panel

Great Room: Outlets - Decoration

Load Cable Wires				Device Connection
Cable ID	AWG	Wire Color	Wire Function	
2C-11	14	Black	Hot	RL 13 Hot
2C-11	14	Red	Switched	RL 13 NO
2C-11	14	White	Neutral	RL 13 Neutral

Source Wires				Device Connection
Cable ID	AWG	Wire Color	Wire Function	
1C-11	14	Black	Hot	RL 13 COM (Hot)
1C-11	14	White	Neutral	RL 13 Neutral

Relay / 14

XL HVRB Module

Output Address = MCP:1-(3)062

Load Cable(s)			
Circuit ID Cable ID	Style	Location & Name	Length & Destination
2M-01 2M-01	14-2	(Patio: West Landscape Lighting)	35 White/GP-Panel/3

Source Cable(s)			
Cable ID	Style	Circuit Branch Name / Function	Cable Origin
1C-16	14-2	(West Landscape Lighting)	Red/CB-Panel

West (LV) Landscape Lighting

Load Cable Wires				Device Connection
Cable ID	AWG	Wire Color	Wire Function	
2M-01	14	Black	Switched	RL 14 NO
2M-01	14	White	Neutral	RL 14 Neutral

Source Wires				Device Connection
Cable ID	AWG	Wire Color	Wire Function	
1C-16	14	Black	Hot	RL 14 COM (Hot)
1C-16	14	White	Neutral	RL 14 Neutral

Relay / 15

XL HVRB Module

Output Address = MCP:1-(3)063

Load Cable(s)			
Circuit ID Cable ID	Style	Location & Name	Length & Destination
2M-17 2M-17	14-2	(Hot Tub: Landscape Lighting)	35 White/GP-Panel/3

Source Cable(s)			
Cable ID	Style	Circuit Branch Name / Function	Cable Origin
1C-16	14-2	(West Landscape Lighting)	Red/CB-Panel

Hot Tub Area: (LV) Landscape Lighting

Load Cable Wires				Device Connection
Cable ID	AWG	Wire Color	Wire Function	
2M-17	14	Black	Switched	RL 15 NO
2M-17	14	White	Neutral	RL 15 Neutral

Source Wires				Device Connection
Cable ID	AWG	Wire Color	Wire Function	
1C-16	14	Black	Hot	RL 15 COM (Hot)
1C-16	14	White	Neutral	RL 15 Neutral

Relay / 16

XL HVRB Module

Output Address = MCP:1-(3)064

Load Cable(s)			
Circuit ID Cable ID	Style	Location & Name	Length & Destination
1C-31 1C-31	14-2	(Attic: Radon Blower)	7 Red/GP-Panel

Source Cable(s)			
Cable ID	Style	Circuit Branch Name / Function	Cable Origin
1C-25	14-2	(Attic: Radon Blower)	Red/CB-Panel

Attic: Radon Exhaust Blower

Load Cable Wires				Device Connection
Cable ID	AWG	Wire Color	Wire Function	
1C-31	14	Black	Hot	RL 16 Hot
1C-31	14	White	Neutral	RL 16 Neutral

Source Wires				Device Connection
Cable ID	AWG	Wire Color	Wire Function	
1C-25	14	Black	Hot	RL 16 COM (Hot)
1C-25	14	White	Neutral	RL 16 Neutral

Data Bus

XL HVRB Module

Red: MCP 1 - Relay Driver #3 Bus

Source Cable(s)			
Circuit ID Cable ID	Style	Location & Name	Length & Destination
1C-C125 1C-C125	Cat 5 (XL-R)	Red: MCP 1 - Relay Driver #3 Bus	64 Yellow/CN-Panel/1

Source Wires				Device Connection
Cable ID	AWG	Wire Color	Wire Function	
1C-C125	Cat 5e	Orange	1-WT	WT
1C-C125	Cat 5e	Blue	2-BL	BL
1C-C125	Cat 5e	Green	3-GR	GN
1C-C125	Cat 5e	Brown	6-BK	BK

Outlet, Duplex (15A)	"Duplex Outlet, Line Power"	(Part TBD)	Tag Number 0296
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Power In (120 Vac)

"Red" Controller Panels

Outlet, Duplex (15A)

Circuit ID Cable ID		Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1C-26		14-2	"Red" Controller Panels	14	1C-26	14	Black	Hot	Hot
1C-26				Multiple	1C-26	14	White	Neutral	Neutral