

M1 Output Expander 8 Voltage / 8 Relay "Output Expander CN/2 (05)" Elk Products: ELK-M1XOVR Tag Number 0999

Contact Pair / 1

One other connection in panel.

#Heater Set On - Master Bath

M1 Output Expander 8 Voltage / 8 Relay

Output Address = M1:(5a)065
Input Address = C6:X305

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	
1L-A118	22-10	#Heater Set On - Master Bath	3	1L-A118	22	Red	Signal 1	Out 1 NO	
1L-A118			This Panel Only	1L-A118	22	Black	Ground	Out 1 COM	

Contact Pair / 2

One other connection in panel.

#Heater Set On - BR 2/3 Bath

M1 Output Expander 8 Voltage / 8 Relay

Output Address = M1:(5a)066
Input Address = C6:X303

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	
1L-A119	22-10	#Heater Set On - BR 2/3 Bath	3	1L-A118	22	White	Signal 2	Out 2 NO	
1L-A118			This Panel Only						

Contact Pair / 3

One other connection in panel.

#Heater Set On - BR 4/5 Bath

M1 Output Expander 8 Voltage / 8 Relay

Output Address = M1:(5a)067
Input Address = C6:X304

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	
1L-A120	22-10	#Heater Set On - BR 4/5 Bath	3	1L-A118	22	Green	Signal 3	Out 3 NO	
1L-A118			This Panel Only						

Contact Pair / 4

One other connection in panel.

#Great-Room-Hotter-Than-Outside

M1 Output Expander 8 Voltage / 8 Relay

Output Address = M1:(5a)068
Input Address = C6:X306

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	
1L-A121	22-10	#Great-Room-Hotter-Than-Outside	3	1L-A118	22	Brown	Signal 4	Out 4 NO	
1L-A118			This Panel Only						

Contact Pair / 5

One other connection in panel.

#Great-Room-Hotter-Than-85

M1 Output Expander 8 Voltage / 8 Relay

Output Address = M1:(5a)069
Input Address = C6:X307

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	
1L-A122	22-10	#Great-Room-Hotter-Than-85	3	1L-A118	22	Blue	Signal 5	Out 5 NO	
1L-A118			This Panel Only						

Contact Pair / 6

One other connection in panel.

#Vacation

M1 Output Expander 8 Voltage / 8 Relay

Output Address = M1:(5a)070
Input Address = C6:X308

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	
1L-A123	22-10	#Vacation	3	1L-A118	22	Orange	Signal 6	Out 6 NO	
1L-A118			This Panel Only						

Contact Pair / 7

One other connection in panel.

#Heating-Season

M1 Output Expander 8 Voltage / 8 Relay

Output Address = M1:(5a)071
Input Address = C6:X309

Change

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	
1L-A124	22-10	#Heating-Season	3	1L-A118	22	Yellow	Signal 7	Out 7 NO	
1L-A118			This Panel Only						

Contact Pair / 8

One other connection in panel.

#Portal-Is-Open

M1 Output Expander 8 Voltage / 8 Relay

Output Address = M1:(5a)072
Input Address = C6:X310

Load Cable(s)				Load Cable Wires				Device
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Connection
1L-A125 1L-A118	22-10	#Portal-Is-Open	3 This Panel Only	1L-A118	22	Violet	Signal 8	Out 8 NO

Data Bus

M1 Output Expander 8 Voltage / 8 Relay

Superior Address = M1:(1)J7

M1G Data Bus - Output Expander CN/2 (05)

Upstream Cable				Upstream Wires				Device
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Connection
1L-C14 1L-C14	Cat 5 (M1)	M1G Data Bus - Output Expander CN/2 (05)	8 White/CN-Panel/1	1L-C14	Cat 5e	Brown	+	+12
				1L-C14	Cat 5e	Orange	A	A
				1L-C14	Cat 5e	White/Orange	B	B
				1L-C14	Cat 5e	Green	A1	A1
				1L-C14	Cat 5e	White/Green	B1	B1
				1L-C14	Cat 5e	White/Brown	-	NEG

M1 Output Relay Board Elk Products: ELK-M1RB Tag Number 1000

Contact Pair, NO / 09

One other connection in panel.

#Fire-Alarm-Active

M1 Output Relay Board

<i>Output Address =</i> M1:(5x)073
<i>Input Address =</i> C6:X311

<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	
1L-A126	22-4	#Fire-Alarm-Active	3	1L-A126	22	Red	Signal 1	Out 09 NO
1L-A126			<i>This Panel Only</i>	1L-A126	22	Black	Return	Out 09 COM

Contact Pair, NO / 10

#Heating-Season-L

M1 Output Relay Board

<i>Output Address =</i> M1:(5x)074
<i>Input Address =</i> C2:00

<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	
1L-A141	22-8	#Heating-Season-L	18	1L-A141	22	Red	Switched	Out 10 NO
1L-A141			Yellow/CN-Panel/2	1L-A141	22	Black	Return	Out 10 COM

Contact Pair, NO / 11

#spare 1 - M1G - Fan Direction

M1 Output Relay Board

<i>Output Address =</i> M1:(5x)075
<i>Input Address =</i> C2:01

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	
1L-A142	22-8	#spare 1 - M1G - Fan Direction	18	1L-A141	22	White	Switched	Out 11 NO
1L-A141			Yellow/CN-Panel/2	1L-A141	22	Black	Return	Out 11 COM

Contact Pair, NO / 12

#spare 2 - M1G - Fan Direction

M1 Output Relay Board

<i>Output Address =</i> M1:(5x)076
<i>Input Address =</i> C2:02

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	
1L-A163	22-8	#spare 2 - M1G - Fan Direction	18	1L-A141	22	Orange	Switched	Out 12 NO
1L-A141			Yellow/CN-Panel/2	1L-A141	22	Black	Return	Out 12 COM

Contact Pair, NO / 13

One other connection in panel.

#Guests Present

M1 Output Relay Board

<i>Output Address =</i> M1:(5x)077
<i>Input Address =</i> C6:X312

<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	
1L-A169	22-4	#Guests Present	3	1L-A126	22	White	Signal	Out 13 NO
1L-A126			<i>This Panel Only</i>	1L-A126	22	Black	Return	Out 13 COM

Contact Pair, NO / 14

One other connection in panel.

#spare 1 - M1G-NC

M1 Output Relay Board

<i>Output</i>	M1:(5x)078
<i>Output Address =</i> M1:(5x)078	
<i>Input Address =</i> C6:X313	

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	
1L-A170	22-4	#spare 1 - M1G-NC	3	1L-A126	22	Green	Signal	Out 14 NO
1L-A126			<i>This Panel Only</i>	1L-A126	22	Black	Return	Out 14 COM

Power Dist Module, 12Vdc, 250ma	"General 12 Vdc Power Distribution"	Elk Products: ELK-PD9	Tag Number 0603
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Power In (12 Vdc)

5 other connections in panel.

White/CN 2: 12 Vdc Power (UPS)

Power Dist Module, 12Vdc, 250ma

			<i>Source Cable(s)</i>			<i>Source Wires</i>			Device Connection
<i>Input</i>	On	Circuit ID Cable ID	Style Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
		1L-A08a	18-2 White/CN 2: 12 Vdc Power (UPS)	3	1L-A08a	18	Red	+12 Vdc	POS
		1L-A08a		This Panel Only	1L-A08a	18	Black	12 Vdc Return	NEG

Power Output / 3

Great Room: Fireplace Valve Monitor (Power)

Power Dist Module, 12Vdc, 250ma

			<i>Load Cable(s)</i>		<i>Load Cable Wires</i>			Device Connection	
<i>Output</i>	On	Circuit ID Cable ID	Style Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
		2C-P02	22-4 Great Room: Fireplace Valve Monitor (Power)	47	2C-S02	22	Red	+12 Vdc	POWER 3 - POS
		2C-S02		Great Room	2C-S02	22	Black	Ground	POWER 3 - NEG

Click CPU: 4/4 Sink, 2/2 Analog "HWC - CPU (4/4 Sink, 2/2 Analog)" Automation Direct: C0-02DD1-D Tag Number 0139

Analog Input / Channel AD1

Click CPU: 4/4 Sink, 2/2 Analog

Input Address = C3:AD1

Change

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1A-S13	22-2 (S)	BR 4/5 Bath: Hot Water Loop Temperature	67
1A-S13			BR 4/5 Bath

BR 4/5 Bath: Hot Water Loop Temperature

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1A-S13	22	Black	-PS	AD1I
1A-S13	22	Red	+PS	V+

Analog Input / Channel AD2

Click CPU: 4/4 Sink, 2/2 Analog

Input Address = C3:AD2

Change

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1H-S09	22-2 (S)	Changing Room B: Hot Water Loop Temperature	61
1H-S09			Changing Room B

Changing Room B: Hot Water Loop Temperature

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1H-S09	22	Black	-PS	AD2I
1H-S09	22	Red	+PS	V+

DC Input / 1

Click CPU: 4/4 Sink, 2/2 Analog

Output Address = C6:Y506
Input Address = C3:X001

New

One other connection in panel.

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1L-A203	22 Wire	Mech Room: Hot Water Circulation - Armed	3
1L-A203			This Panel Only

Mech Room: Hot Water Circulation - Armed

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A203	22	Red	Signal	X1

DC Sink Output / 1

Click CPU: 4/4 Sink, 2/2 Analog

Output Address = C3:Y001

Change

Load Cable(s)

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1L-A02	22-4	Mech Room: Hot Water Recirc Pump (S) Control	3
1L-A01			White/GP-Panel/1

Mech Room: Hot Water Recirc Pump (S) Control

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A01	22	Green	Signal	Y1
1L-A01	22	Red	+24 Vdc	1 (V+)

DC Sink Output / 2

Click CPU: 4/4 Sink, 2/2 Analog

Output Address = C3:Y002

Change

Load Cable(s)

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1L-A01	22-4	Mech Room: Hot Water Recirc Pump (N) Control	3
1L-A01			White/GP-Panel/1

Mech Room: Hot Water Recirc Pump (N) Control

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A01	22	White	Signal	Y2
1L-A01	22	Red	+24 Vdc	2 (V+)

Power In (24 Vdc)

Click CPU: 4/4 Sink, 2/2 Analog

4 other connections in panel.

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1L-A110	18-2	Mech Room: 24 Vdc (Line-Power)	8
1L-A110			White/CN-Panel/1

Mech Room: 24 Vdc (Line-Power)

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A110	18	Red	+24 Vdc	24Vdc
1L-A110	18	Black	24 Vdc Return	0V

Click CPU; 8 DC in, 6 Relay Out (1 of 2) "EPC - CPU (8 DC In, 6 Relay Out)" Automation Direct: C0-00DR-D Tag Number 0394

DC Input / 1

Dark Outside (NO)

Click CPU; 8 DC in, 6 Relay Out #1

Output Address = M1:(2a)018
Input Address = C1:X001

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A66	22-4	Dark Outside (NO)	8	1L-A66	22	Red	Switched	X1
1L-A66			White/CN-Panel/1	1L-A66	22	Black	Ground	1 (Vs)

DC Input / 2

Emerg Lights Manual (NO)

Click CPU; 8 DC in, 6 Relay Out #1

Output Address = M1:(2a)019
Input Address = C1:X002

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A67	22-4	Emerg Lights Manual (NO)	8	1L-A66	22	White	Switched	X2
1L-A66			White/CN-Panel/1	1L-A66	22	Black	Ground	2 (Vs)

DC Input / 3

Emerg Lights On (NO)

Click CPU; 8 DC in, 6 Relay Out #1

Output Address = M1:(2a)020
Input Address = C1:X003

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A68	22-4	Emerg Lights On (NO)	8	1L-A66	22	Green	Switched	X3
1L-A66			White/CN-Panel/1	1L-A66	22	Black	Ground	3 (Vs)

DC Input / 4

UPS On-battery (NO)

Click CPU; 8 DC in, 6 Relay Out #1

Output Address = 1
Input Address = C1:X004

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A69	22-6	UPS On-battery (NO)	18	1L-A69	22	White	Switched	X4
1L-A69			White/E-Rack/2	1L-A69	22	Black	Ground	4 (Vs)

DC Input / 5

UPS Low Battery (NO)

Click CPU; 8 DC in, 6 Relay Out #1

Output Address = 2
Input Address = C1:X005

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A70	22-6	UPS Low Battery (NO)	18	1L-A69	22	Green	Switched	X5
1L-A69			White/E-Rack/2	1L-A69	22	Black	Ground	5 (Vs)

DC Input / 6

UPS Trouble (NO)

Click CPU; 8 DC in, 6 Relay Out #1

Input	C1:X006
Output Address = 3	
Output Address = 6	
Input Address = C1:X006	

Change

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A71	22-6	UPS Trouble (NO)	18	1L-A69	22	Brown	Switched	X6
1L-A69			White/E-Rack/2	1L-A69	22	Black	Ground	6 (Vs)

DC Input / 7

UPS Overload (NO)

Click CPU; 8 DC in, 6 Relay Out #1

Output Address = 5
Input Address = C1:X007

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A72	22-6	UPS Overload (NO)	18	1L-A69	22	Blue	Switched	X7
1L-A69			White/E-Rack/2	1L-A69	22	Black	Ground	7 (Vs)

Relay / 1

Click CPU; 8 DC in, 6 Relay Out #1

Output Address = C1:Y001

				<i>Load Cable(s)</i>					<i>Load Cable Wires</i>	
Circuit ID	Style	Location & Name		Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
3A-A89	22-12	On-Generator Indicator		26	1G-A05	22	Red	"On Generator"	Y1	
3A-A87				Orange/CN-Panel/L	1G-A05	22	Black	Ground	1 (Vs)	
3A-A91	22-6	On-Generator Indicator		26	2D-A03	22	Red	"On Generator"	Y1	
3A-A90				Orange/CN-Panel/L	2D-A03	22	Black	Return	1 (Vs)	
2H-A67	22-6	Garage On-Generator Indicator		25	2H-A66	22	Red	"On Generator"	Y1	
2H-A66				Orange/CN-Panel/L	2H-A66	22	Black	Return	1 (Vs)	
1G-A06	22-4	Blue Utility Area: On-Generator Indicator		47	3A-A87	22	Red	"On Generator"	Y1	
1G-A05				Blue Utility Area	3A-A87	22	Black	Ground	C3	
2D-A05	22-4	Kitchen: On-Generator Indicator		40	3A-A87	22	Black	Ground	1 (Vs)	
2D-A03				Kitchen	3A-A90	22	Red	"On Generator"	Y1	
					3A-A90	22	Black	Ground	1 (Vs)	

On-Generator Indicator

Relay / 6

Click CPU; 8 DC in, 6 Relay Out #1

Output Address = C1:Y006**Input Address =** MCP:1-I05

				<i>Load Cable(s)</i>					<i>Load Cable Wires</i>	
Circuit ID	Style	Location & Name		Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A24	Cat 5e	All Lights Off; MCP 1		25	1L-A20	Cat 5e	Green	Signal	Y6	
1L-A20				White/XL-Dim	1L-A20	Cat 5e	White/Orange	Terminal A	C4	

All Lights Off; MCP 1

Power In (24 Vdc)

Click CPU; 8 DC in, 6 Relay Out #1

One other connection in panel.

Mech Room: 24 Vdc Power (UPS)

				<i>Source Cable(s)</i>					<i>Source Wires</i>	
Circuit ID	Style	Location & Name		Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A149	18-2	Mech Room: 24 Vdc Power (UPS)		3	1L-A149	18	Red	+24 Vdc	24VDC	
1L-A149				This Panel Only	1L-A149	18	Black	24 Vdc Return	0V	

Click CPU; 8 DC in, 6 Relay Out (2 of 2) "NC - CPU (8 DC In, 6 Relay Out)" Automation Direct: C0-00DR-D Tag Number 0452

DC Input / 1

Off-Peak W-H Relay; West "Orange"

Click CPU; 8 DC in, 6 Relay Out #2

Input Address = C6:X001

Change

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2L-A04	22-4	Off-Peak W-H Relay; West "Orange"	69	2L-A04	22	White	Signal	X1
2L-A04			North Yard	2L-A04	22	Black	+24 Vdc	1 (Vs)

DC Input / 2

Off-Peak W-H Relay; West "Blue"

Click CPU; 8 DC in, 6 Relay Out #2

Input Address = C6:X002

Change

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2L-A05	22-4	Off-Peak W-H Relay; West "Blue"	69	2L-A04	22	Green	Signal	X2
2L-A04			North Yard	2L-A04	22	Black	+24 Vdc	2 (Vs)

DC Input / 3

Off-Peak W-H Relay; East "Orange"

Click CPU; 8 DC in, 6 Relay Out #2

Input Address = C6:X003

Change

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2L-A06	22-4	Off-Peak W-H Relay; East "Orange"	69	2L-A06	22	White	Signal	X3
2L-A06			North Yard	2L-A06	22	Black	+24 Vdc	3 (Vs)

DC Input / 4

Off-Peak W-H Relay; East "Blue"

Click CPU; 8 DC in, 6 Relay Out #2

Input Address = C6:X004

Change

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2L-A07	22-4	Off-Peak W-H Relay; East "Blue"	69	2L-A06	22	Green	Signal	X4
2L-A06			North Yard	2L-A06	22	Black	+24 Vdc	4 (Vs)

DC Input / 5

Great Room: Fireplace Valve Monitor (Signal)

Click CPU; 8 DC in, 6 Relay Out #2

Input Address = C6:X005

Change

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2C-S02	22-4	Great Room: Fireplace Valve Monitor (Signal)	47	2C-S02	22	Green	Signal	X5
2C-S02			Great Room	2C-S02	22	White	Signal Return	5 (Vs)

DC Input / 6

#Precipitation-Present

Click CPU; 8 DC in, 6 Relay Out #2

Output Address = W1:Z3

Input Address = C6:X006

Change

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A171	22-4	#Precipitation-Present	15	1L-A127	22	Red	Signal	X6
1L-A127			White/CN-Panel/6	1L-A127	22	Black	Return	6 (Vs)

DC Input / 7

#Outside-Temp-Above-60

Click CPU; 8 DC in, 6 Relay Out #2

Output Address = W1:Z1

Input Address = C6:X007

Change

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A127	22-4	#Outside-Temp-Above-60	15	1L-A127	22	White	Signal 1	X7
1L-A127			White/CN-Panel/6	1L-A127	22	Black	Return	7 (Vs)

DC Input / 8

#Enable-Frost-Protection

Click CPU; 8 DC in, 6 Relay Out #2

Output Address = W1:Z2
Input Address = C6:X008

Change

<i>Source Cable(s)</i>				<i>Source Wires</i>				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-A128 1L-A127	22-4	#Enable-Frost-Protection	15 White/CN-Panel/6	1L-A127 1L-A127	22 22	Green Black	Signal Return	X8 8 (Vs)

Relay / 1

Water Heaters - Enable

Click CPU; 8 DC in, 6 Relay Out #2

Output Address = C6:Y001

New

<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	
1L-A204 1L-A186	22-6	Water Heaters - Enable	3 White/GP-Panel/1	1L-A186 1L-A186	22 22	Brown Black	Signal Return	Y1 C3

Relay / 2

Mech Room: Off-Peak HVAC Upper Drive; Off

Click CPU; 8 DC in, 6 Relay Out #2

Output Address = C6:Y002

New

<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	
1L-A187 1L-A186	22-6	Mech Room: Off-Peak HVAC Upper Drive; Off	3 White/GP-Panel/1	1L-A186 1L-A186	22 22	Red Black	Signal Return	Y2 C3

Relay / 2

Group B Loads Enable

Click CPU; 8 DC in, 6 Relay Out #2

Output Address = C6:Y002

New

<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	
1L-A205 1L-A186	22-6	Group B Loads Enable	3 White/GP-Panel/1	1L-A186 1L-A186	22 22	Blue Black	Signal Return	Y2 C3

Relay / 3

HVAC Upper Green LED

Click CPU; 8 DC in, 6 Relay Out #2

Output Address = C6:Y003

New

<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	
1L-A186 1L-A186	22-6	HVAC Upper Green LED	3 White/GP-Panel/1	1L-A186 1L-A186	22 22	Green Black	Signal Return	Y3 C3

Power In (24 Vdc)

4 other connections in panel.

Mech Room: 24 Vdc (Line-Power)

Click CPU: 8 DC in, 6 DC Sink Out

<i>Source Cable(s)</i>				<i>Source Wires</i>				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-A110 1L-A110	18-2	Mech Room: 24 Vdc (Line-Power)	8 White/CN-Panel/1	1L-A110 1L-A110	18 18	Red Black	+24 Vdc 24 Vdc Return	24VDC 0V

Click Input Mod 16/4 24 Vdc (1 of 4) "EPC - 16x 24Vdc Sink Input Module" Automation Direct: C0-16ND3 Tag Number 0114

DC Input / 1

Click Input Mod 16/4 24 Vdc #1

Input Address = C1:X101

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1G-A05	22-4	Shop Lighting Xfer Switch "On" Call	47	1G-A05	22	White	"On" Call	1	
1G-A05			Blue Utility Area	1G-A05	22	Black	Ground	1 (Vs)	

Shop Lighting Xfer Switch "On" Call

DC Input / 2

Click Input Mod 16/4 24 Vdc #1

Input Address = C1:X102

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1G-A18	22-4	Shop Lighting Xfer Switch "Norm" Call	47	1G-A05	22	Green	Norm Call	2	
1G-A05			Blue Utility Area	1G-A05	22	Black	Ground	2 (Vs)	

Shop Lighting Xfer Switch "Norm" Call

DC Input / 3

Click Input Mod 16/4 24 Vdc #1

Input Address = C1:X103

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
2D-A03	22-4	Kitchen Lighting Xfer Switch "On" Call	40	2D-A03	22	White	"On" Call	3	
2D-A03			Kitchen	2D-A03	22	Black	Return	3 (Vs)	

Kitchen Lighting Xfer Switch "On" Call

DC Input / 4

Click Input Mod 16/4 24 Vdc #1

Input Address = C1:X104

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
2D-A04	22-4	Kitchen Lighting Xfer Switch "Norm" Call	40	2D-A03	22	Green	Norm Call	4	
2D-A03			Kitchen	2D-A03	22	Black	Return	4 (Vs)	

Kitchen Lighting Xfer Switch "Norm" Call

DC Input / 5

Click Input Mod 16/4 24 Vdc #1

Input Address = C1:X105

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
2H-A66	22-6	Garage Lighting Xfer Switch "On" Call	25	2H-A66	22	White	"On" Call	5	
2H-A66			Orange/CN-Panel/L	2H-A66	22	Black	Return	5 (Vs)	

Garage Lighting Xfer Switch "On" Call

DC Input / 6

Click Input Mod 16/4 24 Vdc #1

Input Address = C1:X106

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
2H-A10	22-6	Garage Lighting Xfer Switch "Norm" Call	25	2H-A66	22	Green	Norm Call	6	
2H-A66			Orange/CN-Panel/L	2H-A66	22	Black	Return	6 (Vs)	

Garage Lighting Xfer Switch "Norm" Call

DC Input / 7

Click Input Mod 16/4 24 Vdc #1

Input Address = C1:X107

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
3A-A88	22-12	Upper Bar Lighting Xfer Switch "On"	26	3A-A87	22	White	"On" Call	7	
3A-A87			Orange/CN-Panel/L	3A-A87	22	Black	Ground	7 (Vs)	

Upper Bar Lighting Xfer Switch "On"

DC Input / 8

Upper Bar Lighting Xfer Switch "Norm" Call

Click Input Mod 16/4 24 Vdc #1

Input Address = C1:X108

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
3A-A04 3A-A87	22-12	Upper Bar Lighting Xfer Switch "Norm" Call	26 Orange/CN-Panel/L	3A-A87 3A-A87	22 22	Green Black	Norm Call Ground	8 8 (Vs)

DC Input / 9

Lakeside Room Lighting Xfer Switch "On" Call

Click Input Mod 16/4 24 Vdc #1

Input Address = C1:X109

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
3A-A87 3A-A87	22-12	Lakeside Room Lighting Xfer Switch "On" Call	26 Orange/CN-Panel/L	3A-A87 3A-A87	22 22	Brown Black	"On" Call Ground	9 9 (Vs)

DC Input / 10

Lakeside Xfer Switch - "Norm"

Click Input Mod 16/4 24 Vdc #1

Input Address = C1:X110

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
3A-A05 3A-A87	22-12	Lakeside Xfer Switch - "Norm"	26 Orange/CN-Panel/L	3A-A87 3A-A87	22 22	Blue Black	Norm Call Ground	10 10 (Vs)

DC Input / 11

Upper Bath Lighting Xfer Switch "On" Call

Click Input Mod 16/4 24 Vdc #1

Input Address = C1:X111

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
3A-A90 3A-A90	22-6	Upper Bath Lighting Xfer Switch "On" Call	26 Orange/CN-Panel/L	3A-A90 3A-A90	22 22	White Black	"On" Call Ground	11 11 (Vs)

DC Input / 12

Upper Bath Lighting Xfer Switch "Norm" Call

Click Input Mod 16/4 24 Vdc #1

Input Address = C1:X112

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
3A-A06 3A-A90	22-6	Upper Bath Lighting Xfer Switch "Norm" Call	26 Orange/CN-Panel/L	3A-A90 3A-A90	22 22	Green Black	Norm Call Ground	12 12 (Vs)

DC Input / 13

Line Power Fail (NC)

Click Input Mod 16/4 24 Vdc #1

Input Address = C1:X113

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A52 1L-A40	22-4	Line Power Fail (NC)	19 Yellow/Gen-Xfer-Switch	1L-A40 1L-A40	22 22	Green Black	Signal Return	13 13 (Vs)

DC Input / 14

Generator Transfer Active (NO)

Click Input Mod 16/4 24 Vdc #1

Input Address = C1:X114

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A40 1L-A40	22-4	Generator Transfer Active (NO)	19 Yellow/Gen-Xfer-Switch	1L-A40 1L-A40	22 22	White Black	Signal Return	14 14 (Vs)

Click Input Mod 16/4 24 Vdc (2 of 4) "NC-IN-1 (16x 24 Vdc Input)" Automation Direct: C0-16ND3 Tag Number 0356

DC Input / 1 *One other connection in panel.* **#Changing Room A Over-Temp**

Click Input Mod 16/4 24 Vdc #2

<i>Output Address =</i> J1:Y1	<i>Source Cable(s)</i>	<i>Length & Destination</i>	<i>Source Wires</i>	<i>Device Connection</i>
<i>Input Address =</i> C6:X101	Circuit ID Cable ID	Style Location & Name	Cable ID AWG Wire Color Wire Function	
	1L-A129	22-8 #Changing Room A Over-Temp	1L-A129 22 White Signal 1	1
	1L-A129		1L-A129 22 Black Ground	1 (Vs)

DC Input / 2 *One other connection in panel.* **#Changing Room B Over-Temp**

Click Input Mod 16/4 24 Vdc #2

<i>Output Address =</i> J1:Y2	<i>Source Cable(s)</i>	<i>Length & Destination</i>	<i>Source Wires</i>	<i>Device Connection</i>
<i>Input Address =</i> C6:X102	Circuit ID Cable ID	Style Location & Name	Cable ID AWG Wire Color Wire Function	
	1L-A130	22-8 #Changing Room B Over-Temp	1L-A129 22 Green Signal 2	2
	1L-A129			

DC Input / 3 *One other connection in panel.* **#BR 2/3 Bath Over-Temp**

Click Input Mod 16/4 24 Vdc #2

<i>Output Address =</i> J1:Y3	<i>Source Cable(s)</i>	<i>Length & Destination</i>	<i>Source Wires</i>	<i>Device Connection</i>
<i>Input Address =</i> C6:X103	Circuit ID Cable ID	Style Location & Name	Cable ID AWG Wire Color Wire Function	
	1L-A131	22-8 #BR 2/3 Bath Over-Temp	1L-A129 22 Brown Signal 3	3
	1L-A129			

DC Input / 4 *One other connection in panel.* **#BR 4/5 Bath Over-Temp**

Click Input Mod 16/4 24 Vdc #2

<i>Output Address =</i> J1:Y4	<i>Source Cable(s)</i>	<i>Length & Destination</i>	<i>Source Wires</i>	<i>Device Connection</i>
<i>Input Address =</i> C6:X104	Circuit ID Cable ID	Style Location & Name	Cable ID AWG Wire Color Wire Function	
	1L-A132	22-8 #BR 4/5 Bath Over-Temp	1L-A129 22 Blue Signal 4	4
	1L-A129			

DC Input / 5 *One other connection in panel.* **#Master Bath Over-Temp**

Click Input Mod 16/4 24 Vdc #2

<i>Output Address =</i> J1:Y5	<i>Source Cable(s)</i>	<i>Length & Destination</i>	<i>Source Wires</i>	<i>Device Connection</i>
<i>Input Address =</i> C6:X105	Circuit ID Cable ID	Style Location & Name	Cable ID AWG Wire Color Wire Function	
	1L-A133	22-8 #Master Bath Over-Temp	1L-A129 22 Orange Signal 5	5
	1L-A129			

DC Input / 6 *One other connection in panel.* **#Upper Bath Over-Temp**

Click Input Mod 16/4 24 Vdc #2

<i>Output Address =</i> J1:Y6	<i>Source Cable(s)</i>	<i>Length & Destination</i>	<i>Source Wires</i>	<i>Device Connection</i>
<i>Input Address =</i> C6:X106	Circuit ID Cable ID	Style Location & Name	Cable ID AWG Wire Color Wire Function	
	1L-A134	22-8 #Upper Bath Over-Temp	1L-A129 22 Yellow Signal 6	6
	1L-A129			

DC Input / 7 **Changing Room A: Door Status**

Click Input Mod 16/4 24 Vdc #2

<i>Input Address =</i> C6:X107	<i>Source Cable(s)</i>	<i>Length & Destination</i>	<i>Source Wires</i>	<i>Device Connection</i>
	Circuit ID Cable ID	Style Location & Name	Cable ID AWG Wire Color Wire Function	
	1G-S16	22-8 Changing Room A: Door Status	1G-S16 22 White Signal	7
	1G-S16		1G-S16 22 Black Ground	7 (Vs)

DC Input / 8

Click Input Mod 16/4 24 Vdc #2

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1G-S17 1G-S16	22-8	Changing Room B: Door Status	47 Blue/CN-Panel/D	1G-S16 1G-S16	22 22	Green Black	Signal Ground	8 8 (Vs)

Changing Room B: Door Status

DC Input / 9

Click Input Mod 16/4 24 Vdc #2

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1G-S18 1G-S16	22-8	BR 2/3 Bath Doors (2)	47 Blue/CN-Panel/D	1G-S16 1G-S16	22 22	Brown Black	Signal Ground	9 9 (Vs)

BR 2/3 Bath Doors (2)

DC Input / 10

Click Input Mod 16/4 24 Vdc #2

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1G-S20 1G-S16	22-8	BR 2/3 Bath: Motion Status (2G-S13)	47 Blue/CN-Panel/D	1G-S16 1G-S16	22 22	Orange Black	Signal Ground	10 10 (Vs)

BR 2/3 Bath: Motion Status (2G-S13)

DC Input / 11

Click Input Mod 16/4 24 Vdc #2

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2H-S03 2H-S03	22-4	Upper Bath: Door (3A-S69)	26 Orange/CN-Panel/L	2H-S03 2H-S03	22 22	White Black	Signal Return	11 C3

Upper Bath: Door (3A-S69)

DC Input / 12

Click Input Mod 16/4 24 Vdc #2

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1C-S09 1C-S09	22-10	BR 4/5 Bath: Doors (1A-S03/1B-S02)	56 Red/CN-Panel/D	1C-S09 1C-S09	22 22	White Black	Signal Ground	12 12 (Vs)

BR 4/5 Bath: Doors (1A-S03/1B-S02)

DC Input / 13

Click Input Mod 16/4 24 Vdc #2

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1C-S14 1C-S09	22-10	BR 4/5 Bath: Motion Status (1A-S08)	56 Red/CN-Panel/D	1C-S09 1C-S09	22 22	Yellow Black	Signal Ground	13 13 (Vs)

BR 4/5 Bath: Motion Status (1A-S08)

DC Input / 14

Click Input Mod 16/4 24 Vdc #2

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1C-S11 1C-S09	22-10	Master Bath Doors (2B-S02 / 2A-S08)	56 Red/CN-Panel/D	1C-S09 1C-S09	22 22	Brown Black	Signal Ground	14 14 (Vs)

Master Bath Doors (2B-S02 / 2A-S08)

DC Input / 15

Click Input Mod 16/4 24 Vdc #2

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1C-S13 1C-S09	22-10	Master Closet Door	56 Red/CN-Panel/D	1C-S09 1C-S09	22 22	Green Black	Signal Ground	15 C4

Master Closet Door

DC Input / 16

Master Bath: Motion (1A-S07)

Click Input Mod 16/4 24 Vdc #2

Input Address = C6:X116

Source Cable(s)			Source Wires				Device	
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Connection
1C-S15	22-10	Master Bath: Motion (1A-S07)	56	1C-S09	22	Violet	Signal	16
1C-S09			Red/CN-Panel/D	1C-S09	22	Black	Ground	16 (Vs)

Click Input Mod 16/4 24 Vdc (3 of 4) "NC-IN-2 (16x 24 Vdc Input)" Automation Direct: C0-16ND3 Tag Number 0360

DC Input / 1

Click Input Mod 16/4 24 Vdc #3

Input On
Input Address = C6:X201

One other connection in panel.

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1L-A191 1L-A189	22-10	Changing Room A Heater Call (Toggle) Blue-WhiteCN/7	3 This Panel Only

Changing Room A Heater Call (Toggle) Blue-WhiteCN/7

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A189	22	White	Signal	1

DC Input / 2

Click Input Mod 16/4 24 Vdc #3

Input On
Input Address = C6:X202

One other connection in panel.

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1L-A192 1L-A189	22-10	Changing Room B Heater Call (Toggle) Blue-WhiteCN/7	3 This Panel Only

Changing Room B Heater Call (Toggle) Blue-WhiteCN/7

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A189	22	Brown	Signal	2

DC Input / 3

Click Input Mod 16/4 24 Vdc #3

Input On
Input Address = C6:X203

One other connection in panel.

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1L-A190 1L-A189	22-10	BR 2/3 Bath Heater Call (Toggle)	3 This Panel Only

BR 2/3 Bath Heater Call (Toggle)

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A189	22	Green	Signal	3

DC Input / 4

Click Input Mod 16/4 24 Vdc #3

Input On
Input Address = C6:X204

2 other connections in panel.

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1L-A193 1L-A189	22-10	BR 4/5 Bath Heater Call (Toggle) Red/1	3 This Panel Only

BR 4/5 Bath Heater Call (Toggle) Red/1

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A189	22	Blue	Signal	4

DC Input / 5

Click Input Mod 16/4 24 Vdc #3

Input Address = C6:X205

One other connection in panel.

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1L-A194 1L-A189	22-10	Master Bath Heater Call (Toggle) Red/2	3 This Panel Only

Master Bath Heater Call (Toggle) Red/2

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A189	22	Orange	Signal	5

DC Input / 6

Click Input Mod 16/4 24 Vdc #3

Input Address = C6:X206

One other connection in panel.

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1L-A189 1L-A189	22-10	Upper Bath Heater Call (Toggle)	3 This Panel Only

Upper Bath Heater Call (Toggle)

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A189	22	Red	Signal	6
1L-A189	22	Black	Common	C2

DC Input / 7

Click Input Mod 16/4 24 Vdc #3

Input Address = C6:X207

One other connection in panel.

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1L-A195 1L-A189	22-10	Great Room Exhaust Toggle - WhiteXL	3 This Panel Only

Great Room Exhaust Toggle - WhiteXL

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A189	22	Yellow	Signal	7

DC Input / 8

One other connection in panel.

Great Room Exhaust Off Call - WhiteXL

Click Input Mod 16/4 24 Vdc #3

Input Address = C6:X208

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A196 1L-A189	22-10	Great Room Exhaust Off Call - WhiteXL	3 This Panel Only	1L-A189	22	Violet	Signal	8	

DC Input / 9

Upper Bath Window Open Status

Click Input Mod 16/4 24 Vdc #3

Input Address = C6:X209

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
2H-A26 2H-A26	22-2	Upper Bath: Window Open Status	26 Orange/CN-Panel/L	2H-A26	22	Red	Signal	9	
				2H-A26	22	Black	Signal Retrun	C3	

DC Input / 10

HVAC Call - Upper

Click Input Mod 16/4 24 Vdc #3

Input Address = C6:X210

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A172 1L-A172	22-4	HVAC Call - Upper	18 Yellow/CN-Panel/H	1L-A172	22	Red	Switched	10	
				1L-A172	22	Black	Return	10 (Vs)	

DC Input / 11

HVAC Call - North

Click Input Mod 16/4 24 Vdc #3

Input Address = C6:X211

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A173 1L-A172	22-4	HVAC Call - North	18 Yellow/CN-Panel/H	1L-A172	22	White	Switched	11	
				1L-A172	22	Black	Return	11 (Vs)	

DC Input / 12

HVAC Call - South

Click Input Mod 16/4 24 Vdc #3

Input Address = C6:X212

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A174 1L-A172	22-4	HVAC Call - South	18 Yellow/CN-Panel/H	1L-A172	22	Green	Switched	12	
				1L-A172	22	Black	Return	12 (Vs)	

DC Input / 13

Call - Water Heaters

Click Input Mod 16/4 24 Vdc #3

Input Address = C6:X213

New

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A217 1L-A212	22-4	Call - Water Heaters	18 Yellow/CN-Panel/H	1L-A212	22	White	Signal	13	
				1L-A212	22	Black	Return	C4	

DC Input / 14

Call - Load Group B

Click Input Mod 16/4 24 Vdc #3

Input Address = C6:X214

New

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A212 1L-A212	22-4	Call - Load Group B	18 Yellow/CN-Panel/H	1L-A212	22	Red	Signal	14	
				1L-A212	22	Black	Return	C4	

Click Input Mod 16/4 24 Vdc (4 of 4) "NC-IN-3 (16x 24 Vdc Input)" Automation Direct: C0-16ND3 Tag Number 1184

DC Input / 3 *One other connection in panel.* **#Heater Set On - BR 2/3 Bath**

Click Input Mod 16/4 24 Vdc #4

<i>Output Address =</i> M1:(5a)066
<i>Input Address =</i> C6:X303

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A119 1L-A118	22-10	#Heater Set On - BR 2/3 Bath	3 This Panel Only	1L-A118	22	White	Signal 2	3

DC Input / 4 *One other connection in panel.* **#Heater Set On - BR 4/5 Bath**

Click Input Mod 16/4 24 Vdc #4

<i>Output Address =</i> M1:(5a)067
<i>Input Address =</i> C6:X304

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A120 1L-A118	22-10	#Heater Set On - BR 4/5 Bath	3 This Panel Only	1L-A118	22	Green	Signal 3	4

DC Input / 5 *One other connection in panel.* **#Heater Set On - Master Bath**

Click Input Mod 16/4 24 Vdc #4

<i>Output Address =</i> M1:(5a)065
<i>Input Address =</i> C6:X305

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A118 1L-A118	22-10	#Heater Set On - Master Bath	3 This Panel Only	1L-A118	22	Red	Signal 1	5
				1L-A118	22	Black	Ground	5 (Vs)

DC Input / 6 *One other connection in panel.* **#Great-Room-Hotter-Than-Outside**

Click Input Mod 16/4 24 Vdc #4

<i>Output Address =</i> M1:(5a)068
<i>Input Address =</i> C6:X306

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A121 1L-A118	22-10	#Great-Room-Hotter-Than-Outside	3 This Panel Only	1L-A118	22	Brown	Signal 4	6

DC Input / 7 *One other connection in panel.* **#Great-Room-Hotter-Than-85**

Click Input Mod 16/4 24 Vdc #4

<i>Output Address =</i> M1:(5a)069
<i>Input Address =</i> C6:X307

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A122 1L-A118	22-10	#Great-Room-Hotter-Than-85	3 This Panel Only	1L-A118	22	Blue	Signal 5	7

DC Input / 8 *One other connection in panel.* **#Vacation**

Click Input Mod 16/4 24 Vdc #4

<i>Output Address =</i> M1:(5a)070
<i>Input Address =</i> C6:X308

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A123 1L-A118	22-10	#Vacation	3 This Panel Only	1L-A118	22	Orange	Signal 6	8

DC Input / 9 *One other connection in panel.* **#Heating-Season**

Click Input Mod 16/4 24 Vdc #4

<i>Output Address =</i> M1:(5a)071
<i>Input Address =</i> C6:X309

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A124 1L-A118	22-10	#Heating-Season	3 This Panel Only	1L-A118	22	Yellow	Signal 7	9

DC Input / 10

One other connection in panel.

#Portal-Is-Open

Click Input Mod 16/4 24 Vdc #4

<i>Output Address =</i> M1:(5a)072
<i>Input Address =</i> C6:X310

Circuit ID		Style	Location & Name	Length & Destination	Source Wires				Device Connection
Cable ID					Cable ID	AWG	Wire Color	Wire Function	
1L-A125		22-10	#Portal-Is-Open	3	1L-A118	22	Violet	Signal 8	10
1L-A118				This Panel Only					

DC Input / 11

One other connection in panel.

#Fire-Alarm-Active

Click Input Mod 16/4 24 Vdc #4

<i>Output Address =</i> M1:(5x)073
<i>Input Address =</i> C6:X311

Circuit ID		Style	Location & Name	Length & Destination	Source Wires				Device Connection
Cable ID					Cable ID	AWG	Wire Color	Wire Function	
1L-A126		22-4	#Fire-Alarm-Active	3	1L-A126	22	Red	Signal 1	11
1L-A126				This Panel Only	1L-A126	22	Black	Return	11 (Vs)

DC Input / 12

One other connection in panel.

#Guests Present

Click Input Mod 16/4 24 Vdc #4

<i>Output Address =</i> M1:(5x)077
<i>Input Address =</i> C6:X312

Circuit ID		Style	Location & Name	Length & Destination	Source Wires				Device Connection
Cable ID					Cable ID	AWG	Wire Color	Wire Function	
1L-A169		22-4	#Guests Present	3	1L-A126	22	White	Signal	12
1L-A126				This Panel Only	1L-A126	22	Black	Return	12 (Vs)

DC Input / 13

One other connection in panel.

#spare 1 - M1G-NC

Click Input Mod 16/4 24 Vdc #4

<i>Output Address =</i> M1:(5x)078
<i>Input Address =</i> C6:X313

Circuit ID		Style	Location & Name	Length & Destination	Source Wires				Device Connection
Cable ID					Cable ID	AWG	Wire Color	Wire Function	
1L-A170		22-4	#spare 1 - M1G-NC	3	1L-A126	22	Green	Signal	13
1L-A126				This Panel Only	1L-A126	22	Black	Return	13 (Vs)

Click Output Mod 16/2 24 Vdc Sink (1 of 3) "EPC-OUT-1 - 16x DC Sink Output Module" Automation Direct: C0-16TD1 Tag Number 0056

DC Sink Output / 1

Shop Lighting Transfer Drive

Click Output Mod 8/2 DC Sink

Output Address = C1:Y201

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
1G-A45	22-4	Shop Lighting Transfer Drive	50	1G-A45	22	White	Switched	1 (Out)
1G-A45			Blue/GP-Panel	1G-A45	22	Red	+24 Vdc	1 (V+)

DC Sink Output / 2

Kitchen Lighting Transfer Drive

Click Output Mod 16/2 24 Vdc Sink #1

Output Address = C1:Y202

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
2H-A35	22-8	Kitchen Lighting Transfer Drive	31	2H-A35>39	22	White	Switched	2 (Out)
2H-A35>39			Orange/GP-Panel	2H-A35>39	22	Red	+24 Vdc	2 (V+)

DC Sink Output / 3

Garage Lighting Transfer Drive

Click Output Mod 16/2 24 Vdc Sink #1

Output Address = C1:Y203

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
2H-A36	22-8	Garage Lighting Transfer Drive	31	2H-A35>39	22	Green	Switched	3 (Out)
2H-A35>39			Orange/GP-Panel	2H-A35>39	22	Red	+24 Vdc	3 (V+)

DC Sink Output / 4

Upper Bar Lighting Transfer Drive

Click Output Mod 16/2 24 Vdc Sink #1

Output Address = C1:Y204

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
2H-A37	22-8	Upper Bar Lighting Transfer Drive	31	2H-A35>39	22	Brown	Switched	4 (Out)
2H-A35>39			Orange/GP-Panel	2H-A35>39	22	Red	+24 Vdc	4 (V+)

DC Sink Output / 5

Lakeside Room Lighting Transfer Drive

Click Output Mod 8/2 DC Sink

Output Address = C1:Y205

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
2H-A38	22-8	Lakeside Room Lighting Transfer Drive	31	2H-A35>39	22	Blue	Switched	5 (Out)
2H-A35>39			Orange/GP-Panel	2H-A35>39	22	Red	+24 Vdc	5 (V+)

DC Sink Output / 6

Upper Bath Lighting Transfer Drive

Click Output Mod 16/2 24 Vdc Sink #1

Output Address = C1:Y206

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
2H-A39	22-8	Upper Bath Lighting Transfer Drive	31	2H-A35>39	22	Orange	Switched	6 (Out)
2H-A35>39			Orange/GP-Panel	2H-A35>39	22	Red	+24 Vdc	6 (V+)

DC Sink Output / 7

UPS Secondary Loads Drive

Click Output Mod 16/2 24 Vdc Sink #1

Output Address = C1:Y207

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
1L-A65	22-4	UPS Secondary Loads Drive	3	1L-A03	22	Green	Switched	7 (Out)
1L-A03			White/GP-Panel/1	1L-A03	22	Red	+24 Vdc	7 (V+)

DC Sink Output / 8

Standby Lighting Drive

Click Output Mod 16/2 24 Vdc Sink #1

Output Address = C1:Y208

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
1L-A03 1L-A03	22-4	Standby Lighting Drive	3 White/GP-Panel/1	1L-A03 1L-A03	22 22	White Red	Switched +24 Vdc	8 (Out) 8 (V+)

DC Sink Output / 9

AC Mains Fail (NO)

Click Output Mod 16/2 24 Vdc Sink #1

Output Address = C1:Y209
Input Address = M1:(B)172

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
1L-A61 1L-A61	22-6	AC Mains Fail (NO)	8 White/CN-Panel/1	1L-A61 1L-A61	22 22	White Black	Signal Return	9 (Out) 9 (V+)

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
1G-A45	22-4	Shop Lighting Transfer Drive	Blue/GP-Panel	1G-A45 1G-A45	22 22	White Red	Switched +24 Vdc	1 (Out) 1 (V+)

DC Sink Output / 10

Generator Fail (NO)

Click Output Mod 16/2 24 Vdc Sink #1

Output C1:Y210
Output Address = C1:Y210
Input Address = M1:(B)173

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
1L-A62 1L-A61	22-6	Generator Fail (NO)	8 White/CN-Panel/1	1L-A61 1L-A61	22 22	Green Black	Signal Return	10 (Out) C2

DC Sink Output / 11

Standby Lights On (NO)

Click Output Mod 16/2 24 Vdc Sink #1

Output Address = C1:Y211
Input Address = M1:(B)174

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
1L-A63 1L-A61	22-6	Standby Lights On (NO)	8 White/CN-Panel/1	1L-A61 1L-A61	22 22	Brown Black	Signal Return	11 (Out) C2

DC Sink Output / 12

UPS Trouble (NO)

Click Output Mod 16/2 24 Vdc Sink #1

Output Address = C1:Y212

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
1L-A64 1L-A61	22-6	UPS Trouble (NO)	8 White/CN-Panel/1	1L-A61 1L-A61	22 22	Blue Black	Signal Return	12 (Out) C2

DC Sink Output / 13

Emerg Power Control Trouble (EPC)

Click Output Mod 16/2 24 Vdc Sink #1

Output Address = C1:Y213

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
1L-A74 1L-A61	22-6	Emerg Power Control Trouble (EPC)	8 White/CN-Panel/1	1L-A61 1L-A61	22 22	Red Black	Switched Return	13 (Out) C2

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
2H-A35>39	22-8	Lakeside Room Lighting Transfer Drive	Orange/GP-Panel	2H-A35>39 2H-A35>39	22 22	Blue Red	Switched +24 Vdc	5 (Out) 5 (V+)

Click Output Mod 16/2 24 Vdc Sink (2 of 3) "NC-OUT-2 (16/2 DC Sink)" Automation Direct: C0-16TD1 Tag Number 0361

DC Sink Output / 1

Click Output Mod 16/2 24 Vdc Sink #2

Output Address = C6:Y501

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1G-A07 1G-A07	22-8	Changing Room A Heater Drive	50 Blue/GP-Panel

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1G-A07	22	White	Switched	1 (Out)
1G-A07	22	Red	+24 Vdc	1 (V+)

Changing Room A Heater Drive

DC Sink Output / 2

Click Output Mod 16/2 24 Vdc Sink #2

Output Address = C6:Y502

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1G-A08 1G-A07	22-8	Changing Room B Heater Drive	50 Blue/GP-Panel

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1G-A07	22	Green	Switched	2 (Out)
1G-A07	22	Red	+24 Vdc	2 (V+)

Changing Room B Heater Drive

DC Sink Output / 3

Click Output Mod 16/2 24 Vdc Sink #2

Output Address = C6:Y503

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1G-A09 1G-A07	22-8	Bedroom 2/3 Bath Heater Drive	50 Blue/GP-Panel

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1G-A07	22	Brown	Switched	3 (Out)
1G-A07	22	Red	+24 Vdc	3 (V+)

Bedroom 2/3 Bath Heater Drive

DC Sink Output / 4

Click Output Mod 16/2 24 Vdc Sink #2

Output Address = C6:Y504

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1G-A10 1G-A07	22-8	Lounge: Instant Hot Drive	50 Blue/GP-Panel

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1G-A07	22	Blue	Switched	4 (Out)
1G-A07	22	Red	+24 Vdc	4 (V+)

Lounge: Instant Hot Drive

DC Sink Output / 5

Click Output Mod 16/2 24 Vdc Sink #2

Output Address = C6:Y505

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1G-A11 1G-A07	22-8	Bedroom 2/3 Bath: Towel Warmer Drive	50 Blue/GP-Panel

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1G-A07	22	Orange	Switched	5 (Out)
1G-A07	22	Red	+24 Vdc	5 (V+)

Bedroom 2/3 Bath: Towel Warmer Drive

DC Sink Output / 6

Click Output Mod 16/2 24 Vdc Sink #2

Output Address = C6:Y506
Input Address = C3:X001

New

One other connection in panel.

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1L-A203 1L-A203	22 Wire	Mech Room: Hot Water Circulation - Armed	3 This Panel Only

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A203	22	Red	Signal	6 (Out)

Mech Room: Hot Water Circulation - Armed

DC Sink Output / 8

Click Output Mod 16/2 24 Vdc Sink #2

Output Address = C6:Y508

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1L-A41 1L-A15+	22-8	Bedroom 4/5 Bath Heater Drive	3 White/GP-Panel/1

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A15+	22	White	Switched	8 (Out)
1L-A15+	22	Red	+24 Vdc	8 (V+)

Bedroom 4/5 Bath Heater Drive

DC Sink Output / 9

Click Output Mod 16/2 24 Vdc Sink #2

Output Address = C6:Y509

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
1L-A42 1L-A15+	22-8	Master Bath Heater Drive	3 White/GP-Panel/1	1L-A15+	22	Green	Switched	9 (Out)
				1L-A15+	22	Red	+24 Vdc	9 (V+)

Master Bath Heater Drive

DC Sink Output / 10

Click Output Mod 16/2 24 Vdc Sink #2

Output Address = C6:Y510

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
1L-A43 1L-A15+	22-8	Upper Bath Heater Drive	3 White/GP-Panel/1	1L-A15+	22	Brown	Switched	10 (Out)
				1L-A15+	22	Red	+24 Vdc	10 (V+)

Upper Bath Heater Drive

DC Sink Output / 11

Click Output Mod 16/2 24 Vdc Sink #2

Output Address = C6:Y511

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
1L-A15 1L-A15+	22-8	Master Bath: Towel Warmer Pump Drive	3 White/GP-Panel/1	1L-A15+	22	Blue	Switched	11 (Out)
				1L-A15+	22	Red	+24 Vdc	11 (V+)

Master Bath: Towel Warmer Pump Drive

DC Sink Output / 12

Click Output Mod 16/2 24 Vdc Sink #2

Output Address = C6:Y512

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
1L-A16 1L-A15+	22-8	Instrument Heaters Drive	3 White/GP-Panel/1	1L-A15+	22	Orange	Switched	12 (Out)
				1L-A15+	22	Red	+24 Vdc	12 (V+)

Instrument Heaters Drive

DC Sink Output / 13

Click Output Mod 16/2 24 Vdc Sink #2

Output Address = C6:Y513

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
1L-A17 1L-A15+	22-8	Great Room: Fireplace Blower Drive	3 White/GP-Panel/1	1L-A15+	22	Yellow	Switched	13 (Out)
				1L-A15+	22	Red	+24 Vdc	13 (V+)

Great Room: Fireplace Blower Drive

DC Sink Output / 14

Click Output Mod 16/2 24 Vdc Sink #2

Output Address = C6:Y514

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
1L-A18 1L-A18	22-4	Great Room: Exhaust (Low Speed)	3 White/GP-Panel/1	1L-A18	22	White	Switched	14 (Out)
				1L-A18	22	Red	+24 Vdc	14 (V+)

Great Room: Exhaust (Low Speed)

DC Sink Output / 15

Click Output Mod 16/2 24 Vdc Sink #2

Output Address = C6:Y515

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
1L-A19 1L-A18	22-4	Great Room: Exhaust (High Speed)	3 White/GP-Panel/1	1L-A18	22	Green	Switched	15 (Out)
				1L-A18	22	Red	+24 Vdc	15 (V+)

Great Room: Exhaust (High Speed)

Click Output Mod 16/2 24 Vdc Sink (3 of 3)
"NC-OUT-3 (16/2 DC Sink)"
Automation Direct: C0-16TD1
Tag Number
0383

DC Sink Output / 1

Floor Heat Enable - Garage/Shop

Click Output Mod 16/2 24 Vdc Sink #3

Output Address = C6:Y601

Change

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A82	22-8	Floor Heat Enable - Garage/Shop	18	1L-A82	22	White	Garage/Shop	1 (Out)
1L-A82			Yellow/CN-Panel/H	1L-A82	22	Red	+24 Vdc	1 (V+)

DC Sink Output / 2

Floor Heat Enable - Interior

Click Output Mod 16/2 24 Vdc Sink #3

Output Address = C6:Y602

Change

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A115	22-8	Floor Heat Enable - Interior	18	1L-A82	22	Brown	Interior	2 (Out)
1L-A82			Yellow/CN-Panel/H	1L-A82	22	Red	+24 Vdc	2 (V+)

DC Sink Output / 3

Floor Heat Enable - Master Bath

Click Output Mod 16/2 24 Vdc Sink #3

Output Address = C6:Y603

Change

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A116	22-8	Floor Heat Enable - Master Bath	18	1L-A82	22	Blue	Master Bath	3 (Out)
1L-A82			Yellow/CN-Panel/H	1L-A82	22	Red	+24 Vdc	3 (V+)

DC Sink Output / 5

One other connection in panel.

Button LED; Changing Room A

Click Output Mod 16/2 24 Vdc Sink #3

Output Address = C6:Y605

Change

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A185	22-8	Button LED; Changing Room A	3	1L-A185	22	Red	Signal	5 (Out)
1L-A185			<i>This Panel Only</i>					

DC Sink Output / 6

One other connection in panel.

Button LED; Changing Room B

Click Output Mod 16/2 24 Vdc Sink #3

Output Address = C6:Y606

New

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A188	22-8	Button LED; Changing Room B	3	1L-A185	22	White	Signal	6 (Out)
1L-A185			<i>This Panel Only</i>					

DC Sink Output / 7

One other connection in panel.

Button LED; BR 2/3 Bath

Click Output Mod 16/2 24 Vdc Sink #3

Output Address = C6:Y607

New

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A197	22-8	Button LED; BR 2/3 Bath	3	1L-A185	22	Green	Signal	7 (Out)
1L-A185			<i>This Panel Only</i>					

DC Sink Output / 8

2 other connections in panel.

Button LED; BR 4/5 Bath

Click Output Mod 16/2 24 Vdc Sink #3

Output Address = C6:Y608

New

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A198	22-8	Button LED; BR 4/5 Bath	3	1L-A185	22	Brown	Signal	8 (Out)
1L-A185			<i>This Panel Only</i>					

DC Sink Output / 9

Click Output Mod 16/2 24 Vdc Sink #3

Output Address = C6:Y609

New

One other connection in panel.

Button LED; Master Bath

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
1L-A199 1L-A185	22-8	Button LED; Master Bath	3 This Panel Only	1L-A185	22	Blue	Signal	9 (Out)

DC Sink Output / 10

Click Output Mod 16/2 24 Vdc Sink #3

Output Address = C6:Y610

New

One other connection in panel.

Button LED; Upper Bath

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
1L-A200 1L-A185	22-8	Button LED; Upper Bath	3 This Panel Only	1L-A185	22	Orange	Signal	10 (Out)

DC Sink Output / 11

Click Output Mod 16/2 24 Vdc Sink #3

Output Address = C6:Y611

New

One other connection in panel.

Button LED; Great Room Exhaust

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
1L-A201 1L-A185	22-8	Button LED; Great Room Exhaust	3 This Panel Only	1L-A185	22	Yellow	Signal	11 (Out)

DC Sink Output / 12

Click Output Mod 16/2 24 Vdc Sink #3

Output Address = C6:Y612

Change

Floor Heat. BR 2/3 Bath

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
1L-A158 1L-A158	22-2	Floor Heat. BR 2/3 Bath	3 No connections					

DC Sink Output / 13

Click Output Mod 16/2 24 Vdc Sink #3

Output Address = C6:Y613

Change

Floor Heat Upper Bath Enable

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
1L-A159		Floor Heat Upper Bath Enable	3 No connections					

DC Sink Output / 14

Click Output Mod 16/2 24 Vdc Sink #3

Output Address = C6:Y614

Change

Bathroom Window Close

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
1L-A160		Bathroom Window Close	3 No connections					

DC Sink Output / 15

Click Output Mod 16/2 24 Vdc Sink #3

Output Address = C6:Y615

Change

Vents - All Open

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
1L-A161		Vents - All Open	3 No connections					

DC Sink Output / 16

Click Output Mod 16/2 24 Vdc Sink #3

Output Address = C6:Y616

Change

Vents - All Close

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
1L-A162		Vents - All Close	3 No connections					

Click Output Mod 8/1 DC Source
"NC-OUT-1 (8/1 12 Vdc Source)"
Automation Direct: C0-08TD2
Tag Number
0384

Output / 1

Click Output Mod 8/1 DC Source

Output Address = C6:Y401

Change

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A14	22-10	Water Heaters Green LED	3	1L-A10	22	Orange	Signal	1
1L-A10			White/GP-Panel/1	1L-A10	22	Black	Ground	C

Water Heaters Green LED

Output / 2

Click Output Mod 8/1 DC Source

Output Address = C6:Y402

Change

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A13	22-10	Water Heaters Red LED	3	1L-A10	22	Blue	Signal	2
1L-A10			White/GP-Panel/1	1L-A10	22	Black	Ground	C

Water Heaters Red LED

Output / 3

Click Output Mod 8/1 DC Source

Output Address = C6:Y403

Change

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A10	22-10	Load Group B Green LED	3	1L-A10	22	White	Switched	3
1L-A10			White/GP-Panel/1	1L-A10	22	Black	Ground	C

Load Group B Green LED

Output / 4

Click Output Mod 8/1 DC Source

Output Address = C6:Y404

Change

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A28	22-10	Load Group B Red LED	3	1L-A10	22	Yellow	Switched	4
1L-A10			White/GP-Panel/1	1L-A10	22	Black	Ground	C

Load Group B Red LED

Output / 5

Click Output Mod 8/1 DC Source

Output Address = C6:Y405

Change

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A11	22-10	HVAC North Green LED	3	1L-A10	22	Green	Signal	5
1L-A10			White/GP-Panel/1	1L-A10	22	Black	Ground	C

HVAC North Green LED

Output / 6

Click Output Mod 8/1 DC Source

Output Address = C6:Y406

Change

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A29	22-10	HVAC North Red LED	3	1L-A10	22	Violet	Switched	6
1L-A10			White/GP-Panel/1	1L-A10	22	Black	Ground	C

HVAC North Red LED

Output / 7

Click Output Mod 8/1 DC Source

Output Address = C6:Y407

Change

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A12	22-10	HVAC South Green LED	3	1L-A10	22	Brown	Signal	7
1L-A10			White/GP-Panel/1	1L-A10	22	Black	Ground	C

HVAC South Green LED

Output / 8

HVAC South Red LED

Click Output Mod 8/1 DC Source

Output Address = C6:Y408

Load Cable(s)				Load Cable Wires				Device
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Connection
1L-A30	22-10	HVAC South Red LED	3	1L-A10	22	Gray	Switched	8
1L-A10			White/GP-Panel/1	1L-A10	22	Black	Ground	C

Power In (24 Vdc)

2 other connections in panel.

Mech Room: 12 vdc Power - Energy Controls (Line)

Click Output Mod 8/1 DC Source

Source Cable(s)				Source Wires				Device
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Connection
1L-A157	18-2	Mech Room: 12 vdc Power - Energy Controls (Line)	3	1L-A157	18	Red	+12V DC	V1
1L-A157			This Panel Only	1L-A157	18	Black	12V DC Return	C

Power In (24 Vdc)

2 other connections in panel.

Mech Room: 12 vdc Power - Energy Controls (Line)

Click Output Mod 8/1 DC Source

Source Cable(s)				Source Wires				Device
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Connection
1L-A157	18-2	Mech Room: 12 vdc Power - Energy Controls (Line)	3	1L-A157	18	Red	+12V DC	V2
1L-A157			This Panel Only	1L-A157	18	Black	12V DC Return	C

Click Output Mod 8/2 SPST Relay "EPC-OUT-2 - 8x Relay Output Module" Automation Direct: C0-08TR Tag Number 0448

Relay / 1

Shop Light; XL Command On (Emerg)

Click Output Mod 8/2 SPST Relay

Output Address = C1:Y301
Input Address = MCP:2-M05

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
2H-A12 2H-A11>17	Cat 5e	Shop Light; XL Command On (Emerg)	32 Orange/XL-Dim/1	2H-A11>17	Cat 5e	White/Green	Signal	1 (Out)
				2H-A11>17	Cat 5e	White/Orange	Return	C1

Relay / 2

Kitchen Light; XL Command On (Emerg)

Click Output Mod 8/2 SPST Relay

Output Address = C1:Y302
Input Address = MCP:2-M06

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
2H-A13 2H-A11>17	Cat 5e	Kitchen Light; XL Command On (Emerg)	32 Orange/XL-Dim/1	2H-A11>17	Cat 5e	Blue	Signal	2 (Out)
				2H-A11>17	Cat 5e	White/Orange	Return	C1

Relay / 3

Garage Light; XL Command On (Emerg)

Click Output Mod 8/2 SPST Relay

Output Address = C1:Y303
Input Address = MCP:2-M07

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
2H-A14 2H-A11>17	Cat 5e	Garage Light; XL Command On (Emerg)	32 Orange/XL-Dim/1	2H-A11>17	Cat 5e	White/Blue	Signal	3 (Out)
				2H-A11>17	Cat 5e	White/Orange	Return	C1

Relay / 4

Upper Bar Light; XL Command On (Emerg)

Click Output Mod 8/2 SPST Relay

Output Address = C1:Y304
Input Address = MCP:2-M08

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
2H-A15 2H-A11>17	Cat 5e	Upper Bar Light; XL Command On (Emerg)	32 Orange/XL-Dim/1	2H-A11>17	Cat 5e	Green	Signal	4 (Out)
				2H-A11>17	Cat 5e	White/Orange	Return	C1

Relay / 5

Lakeside Room Light; XL Command On (Emerg)

Click Output Mod 8/2 SPST Relay

Output Address = C1:Y305
Input Address = MCP:2-M09

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
2H-A16 2H-A11>17	Cat 5e	Lakeside Room Light; XL Command On (Emerg)	32 Orange/XL-Dim/1	2H-A11>17	Cat 5e	White/Brown	Signal	5 (Out)
				2H-A11>17	Cat 5e	White/Orange	Return	C2

Relay / 6

Upper Bath Light; XL Command On (Emerg)

Click Output Mod 8/2 SPST Relay

Output Address = C1:Y306
Input Address = MCP:2-M10

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
2H-A17 2H-A11>17	Cat 5e	Upper Bath Light; XL Command On (Emerg)	32 Orange/XL-Dim/1	2H-A11>17	Cat 5e	Brown	Signal	6 (Out)
				2H-A11>17	Cat 5e	White/Orange	Return	C2

Relay / 7

All Lights Off; MCP 2

Click Output Mod 8/2 SPST Relay

Output Address = C1:Y307
Input Address = MCP:2-M04

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
2H-A11 2H-A11>17	Cat 5e	All Lights Off; MCP 2	32 Orange/XL-Dim/1	2H-A11>17	Cat 5e	Orange	Signal	7 (Out)
				2H-A11>17	Cat 5e	White/Orange	Return	C2

Click Output Mod 4/4 SPST Relay "NC-OUT-4 (4/4 SPDT Relay)" Automation Direct: C0-04TRS Tag Number 1243

Contact SPDT / 1

HVAC North Enable (ext)

Click Output Mod 4/4 SPST Relay

New

Output Address = C6:Y71

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
1L-A206	22-6	HVAC North Enable (ext)	3	1L-A206	22	Red	Signal	NO1
1L-A206			White/GP-Panel/1	1L-A206	22	Black	Return	C1

Contact SPDT / 2

HVAC South Enable (ext)

Click Output Mod 4/4 SPST Relay

New

Output Address = C6:Y72

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
1L-A207	22-6	HVAC South Enable (ext)	3	1L-A206	22	White	Signal	NO2
1L-A206			White/GP-Panel/1	1L-A206	22	Green	Return	C2

Contact SPDT / 3

HVAC Upper Enable (ext)

Click Output Mod 4/4 SPST Relay

New

Output Address = C6:Y73

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
1L-A208	22-6	HVAC Upper Enable (ext)	3	1L-A206	22	Blue	Signal	NO3
1L-A206			White/GP-Panel/1	1L-A206	22	Brown	Return	C3

Contact SPDT / 4

HVAC Call - Any

Click Output Mod 4/4 SPST Relay

New

Output Address = C6:Y74
Input Address = M1:(C)177

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
1L-A218	22-2	HVAC Call - Any	8	1L-A218	22	Black	Terminal A	NO4
1L-A218			White/CN-Panel/1	1L-A218	22	Red	Terminal B	C4

Ethernet Jack	"Local LAN Access Jack"	(Part TBD)	Tag Number 0272
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Upstream (Port 1)

LAN (Tier 1 to White/CN 2 Jack)

Ethernet Jack

Superior Address = LAN:(1A)12

<i>Upstream Cable</i>				<i>Upstream Wires</i>				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-C08 1L-C08	Cat 6 (568)	LAN (Tier 1 to White/CN 2 Jack)	18 White/E-Rack/2	1L-C08	Cat 6	White/Orange	568B (LAN)	LAN Punchdown



Power Supply, 6 Vdc, 10 W	"Power Supply 6 Vdc (Line)"	(Part TBD)	Tag Number 0157
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Power In (120 Vac)

3 other connections in panel.

White & Yellow Panels Line Power

Power Supply, 6 Vdc, 10 W

Input On

<i>Source Cable(s)</i>				<i>Source Wires</i>				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-37	14-2	White & Yellow Panels Line Power	50	1L-37	14	Black	Hot	Hot
1L-37			Multiple	1L-37	14	White	Neutral	Neutral

Power Output

Mech Room: 6 Vdc Supply

Power Supply, 6 Vdc, 10 W

<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	
1L-A04	18-2	Mech Room: 6 Vdc Supply	17	1L-A04	18	Red	+ 6 Vdc	+6 Vdc
1L-A04			Yellow/XL-LVRB	1L-A04	18	Black	Ground	Return

Power Supply, 12 Vdc, 10W DIN (1 of 3) "12 Vdc Power, Downspout Alarm (UPS)" Lambda: DSP10-12 Tag Number 0705

Power In (120 Vac)

Power Supply, 12 Vdc, 10W DIN #1

3 other connections in panel.

UPS Primary Load (Security)

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-42	14-2	UPS Primary Load (Security)	18	1L-42	14	Black	Hot	L
1L-42			White/E-Rack/2	1L-42	14	White	Neutral	N

Load Cable(s)				Load Cable Wires				Device Connection
Cable ID	Style	Circuit Branch Name / Function	Cable Origin	Cable ID	AWG	Wire Color	Wire Function	
1L-A111	18-2	12 Vdc Down Spout Power (UPS Powered)	White/CN-Panel/1	1L-A111	18	Red	+12V DC	+
				1L-A111	18	Black	12V DC Return	-

Power Output

Power Supply, 12 Vdc, 10W DIN #1

12 Vdc Down Spout Power (UPS Powered)

Output On

Load Cable(s)				Load Cable Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-A111	18-2	12 Vdc Down Spout Power (UPS Powered)	8	1L-A111	18	Red	+12V DC	+
1L-A111			White/CN-Panel/1	1L-A111	18	Black	12V DC Return	-

Power Supply, 12 Vdc, 10W DIN (2 of 3)	"12 vdc Power, Vehicle Detector (UPS)"	Lambda: DSP10-12 Tag Number 1206
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Power In (120 Vac)

Power Supply, 12 Vdc, 10W DIN #2

3 other connections in panel.

UPS Primary Load (Security)

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-42	14-2	UPS Primary Load (Security)	18	1L-42	14	Black	Hot	L
1L-42			White/E-Rack/2	1L-42	14	White	Neutral	N

Load Cable(s)				Load Cable Wires				Device Connection
Cable ID	Style	Circuit Branch Name / Function	Cable Origin	Cable ID	AWG	Wire Color	Wire Function	
2H-A41	18-2	Garage: Vehicle Detector - Power	Orange/CN-Panel/L	2H-A41	18	Red	+12V DC	+
				2H-A41	18	Black	12V DC Return	-

Power Output

Power Supply, 12 Vdc, 10W DIN #2

Garage: Vehicle Detector - Power

Load Cable(s)				Load Cable Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
2H-A41	18-2	Garage: Vehicle Detector - Power	26	2H-A41	18	Red	+12V DC	+
2H-A41			Orange/CN-Panel/L	2H-A41	18	Black	12V DC Return	-

Output On

Power Supply, 12 Vdc, 10W DIN (3 of 3)	"12 Vdc Power - Heater Button Power (Line)"	Lambda: DSP10-12 Tag Number 1244
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Power In (120 Vac)

Power Supply, 12 Vdc, 10W DIN #3

New

3 other connections in panel.

White & Yellow Panels Line Power

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-37	14-2	White & Yellow Panels Line Power	50	1L-37	14	Black	Hot	L
1L-37			Multiple	1L-37	14	White	Neutral	N
Load Cable(s)				Load Cable Wires				Device Connection
Cable ID	Style	Circuit Branch Name / Function	Cable Origin	Cable ID	AWG	Wire Color	Wire Function	
1L-A202	22-2	Mech Room: Heater Button Adapter Power	This Panel Only	1L-A202	22	Red	+12V DC	+
				1L-A202	22	Black	12V DC Return	-

Power Output

Power Supply, 12 Vdc, 10W DIN #3

New

One other connection in panel.

Mech Room: Heater Button Adapter Power

Output On

Load Cable(s)				Load Cable Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-A202	22-2	Mech Room: Heater Button Adapter Power	3	1L-A202	22	Red	+12V DC	+
1L-A202			This Panel Only	1L-A202	22	Black	12V DC Return	-

Power Supply, 12 Vdc, 25W DIN	"12 Vdc Power, Energy Controls (Line)"	Lambda: DSP30-12	Tag Number 1143
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Power In (120 Vac)

3 other connections in panel.

White & Yellow Panels Line Power

Power Supply, 12 Vdc, 25W DIN

Change

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-37	14-2	White & Yellow Panels Line Power	50	1L-37	14	Black	Hot	L
1L-37			Multiple	1L-37	14	White	Neutral	N

Power Output

2 other connections in panel.

Mech Room: 12 vdc Power - Energy Controls (Line)

Power Supply, 12 Vdc, 25W DIN

Change

Load Cable(s)				Load Cable Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-A157	18-2	Mech Room: 12 vdc Power - Energy Controls (Line)	3	1L-A157	18	Red	+12V DC	+
1L-A157			This Panel Only	1L-A157	18	Black	12V DC Return	-

Power Supply, 24 Vdc, 100W DIN	"24Vdc Power - Blue & White (Line)"	Lambda: DSP100-24
		Tag Number 0341

Power In (120/240 Vac)

3 other connections in panel.

White & Yellow Panels Line Power

Power Supply, 24 Vdc, 100W DIN

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-37	14-2	White & Yellow Panels Line Power	50	1L-37	14	Black	Hot	L
1L-37			Multiple	1L-37	14	White	Neutral	N

Power Output

4 other connections in panel.

24 Vdc Supply - Blue & White (Line)

Power Supply, 24 Vdc, 100W DIN

Output

Charge

Load Cable(s)				Load Cable Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1G-A16	18-2	Blue Utility Area: 24 Vdc Power (Line)	47	1G-A16	18	Red	+24 Vdc	+24 Vdc
1G-A16			Blue/CN-Panel/D	1G-A16	18	Black	24 Vdc Return	Return
1L-A110	18-2	Mech Room: 24 Vdc (Line-Power)	8	1L-A110	18	Red	+24 Vdc	+24 Vdc
1L-A110			White/CN-Panel/1	1L-A110	18	Black	24 Vdc Return	Return

Power Supply Chassis, 6-Slot	"Critical Power Supply, powerPac"	Excelsys: powerPac XCC	Tag Number 1123
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Power In (120 Vac)

3 other connections in panel.

UPS Primary Load (Security)

Power Supply Chassis, 6-Slot

<i>Source Cable(s)</i>				<i>Source Wires</i>				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-42	14-2	UPS Primary Load (Security)	18	1L-42	14	Black	Hot	Hot
1L-42			White/E-Rack/2	1L-42	14	White	Neutral	Neutral

Discrete Output

One other connection in panel.

Power Fault - powerPac Fan Fail

Power Supply Chassis, 6-Slot

<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	
1L-A107	22-2	Power Fault - powerPac Fan Fail	3	1L-A107	22	Red	Signal	5 (Fan Fail)
1L-A107			<i>This Panel Only</i>	1L-A107	22	Black	Return	1 (Common)

Power Supply Module, 12 Vdc, 20A w/ Sense (1 of 5)

"Critical 12 Vdc Supply for 'Red/CN-Panel'"

Excelsys: powerMod Xg3

Tag Number
0257

Power Output

Panel LV Power Supply Input

Power Supply Module, 12 Vdc, 20A w/ Sense #1

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Load Cable Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1C-A04	14-4	Panel LV Power Supply Input	56	1C-A04	14	Red	+12 Vdc	+Vout
1C-A04			Red/CN-Panel/D	1C-A04	14	Black	12 Vdc Return	-Vout

Sense Input

Panel LV Power Supply Sense

Power Supply Module, 12 Vdc, 20A w/ Sense #1

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Source Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1C-A05	22-4 (S)	Panel LV Power Supply Sense	56	1C-A05	22	Red	Sense +	1 (+Sense)
1C-A05			Red/CN-Panel/D	1C-A05	22	Black	Sense -	2 (-Sense)

Discrete Output

One other connection in panel.

Power Fault - Red 12 vdc (powerMod 1)

Power Supply Module, 12 Vdc, 20A w/ Sense #1

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Load Cable Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1L-A104	22-2	Power Fault - Red 12 vdc (powerMod 1)	3	1L-A104	22	Red	Signal	7 (+pg)
1L-A104			This Panel Only	1L-A104	22	Black	Return	8 (-pg)

Power Supply Module, 12 Vdc, 20A w/ Sense (2 of 5) "Critical 12 Vdc Supply for 'Green/CN-Panel'"

Excelsys: powerMod Xg3

Tag Number
0258

Power Output

Green: Panel LV Power Supply

Power Supply Module, 12 Vdc, 20A w/ Sense #2

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Load Cable Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1F-A04	14-4	Green: Panel LV Power Supply	50 Green/CN-Panel	1F-A04	14	Red	+12 Vdc	+Vout
1F-A04				14	Black	12 Vdc Return	-Vout	

Sense Input

Green: Panel LV Power Sense

Power Supply Module, 12 Vdc, 20A w/ Sense #2

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Source Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1F-A05	22-4 (S)	Green: Panel LV Power Sense	50 Green/CN-Panel	1F-A05	22	Red	Sense +	1 (+Sense)
1F-A05				22	Black	Sense -	2 (-Sense)	

Discrete Output

One other connection in panel.

Power Fault - Green 12 vdc (powerMod 2)

Power Supply Module, 12 Vdc, 20A w/ Sense #2

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Load Cable Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1L-A102	22-2	Power Fault - Green 12 vdc (powerMod 2)	3 This Panel Only	1L-A102	22	Red	Signal	7 (+pg)
1L-A102				22	Black	Return	8 (-pg)	

Power Supply Module, 12 Vdc, 20A w/ Sense (3 of 5)

"Critical 12 Vdc Supply for 'Blue/CN-Panel'"

Excelsys: powerMod Xg3

Tag Number
0259

Power Output

Blue Panel LV Power Supply

Power Supply Module, 12 Vdc, 20A w/ Sense #3

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Load Cable Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1G-A13	14-4	Blue Panel LV Power Supply	47 Blue/CN-Panel/D	1G-A13	14	Red	+12 Vdc	+Vout
1G-A13				14	Black	12 Vdc Return	-Vout	

Sense Input

Blue: Panel LV Power Sense

Power Supply Module, 12 Vdc, 20A w/ Sense #3

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Source Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1G-A14	22-4 (S)	Blue: Panel LV Power Sense	47 Blue/CN-Panel/D	1G-A14	22	Red	Sense +	1 (+Sense)
1G-A14				22	Black	Sense -	2 (-Sense)	

Discrete Output

One other connection in panel.

Power Fault - Blue 12 vdc (powerMod 3)

Power Supply Module, 12 Vdc, 20A w/ Sense #3

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Load Cable Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1L-A101	22-2	Power Fault - Blue 12 vdc (powerMod 3)	3 This Panel Only	1L-A101	22	Red	Signal	7 (+pg)
1L-A101				22	Black	Return	8 (-pg)	

Power Supply Module, 12 Vdc, 20A w/ Sense (4 of 5) "Critical 12 Vdc Supply for 'Orange/CN-Panel'"

Excelsys: powerMod Xg3

Tag Number
0260

Power Output

Orange: Panel LV Power Supply

Power Supply Module, 12 Vdc, 20A w/ Sense #4

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Load Cable Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
2H-A01	14-4	Orange: Panel LV Power Supply	26 Orange/CN-Panel/L	2H-A01	14	Red	+12 Vdc	+Vout
2H-A01				14	Black	12 Vdc Return	-Vout	

Sense Input

Orange: Panel LV Power Sense

Power Supply Module, 12 Vdc, 20A w/ Sense #4

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Source Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
2H-A02	22-4 (S)	Orange: Panel LV Power Sense	26 Orange/CN-Panel/L	2H-A02	22	Red	Sense +	1 (+Sense)
2H-A02				22	Black	Sense -	2 (-Sense)	

Discrete Output

One other connection in panel.

Power Fault - Orange 12 vdc (powerMod 4)

Power Supply Module, 12 Vdc, 20A w/ Sense #4

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Load Cable Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1L-A103	22-2	Power Fault - Orange 12 vdc (powerMod 4)	3 This Panel Only	1L-A103	22	Red	Signal	7 (+pg)
1L-A103				22	Black	Return	8 (-pg)	

Power Supply Module, 12 Vdc, 20A w/ Sense (5 of 5) "Critical 12 Vdc Supply for "White/CN-Panel"" Excelsys: powerMod Xg3 Tag Number
0707

Power Output

One other connection in panel.

Critical Power - White Panels (12 Vdc)

Power Supply Module, 12 Vdc, 20A w/ Sense #5

<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	
1L-A08	18-2	Critical Power - White Panels (12 Vdc)	17	1L-A08	18	Red	+12 Vdc	+Vout
1L-A08			Multiple	1L-A08	18	Black	12 Vdc Return	-Vout

Discrete Output

One other connection in panel.

Power Fault - White 12 vdc (powerMod 5)

Power Supply Module, 12 Vdc, 20A w/ Sense #5

<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	
1L-A109	22-2	Power Fault - White 12 vdc (powerMod 5)	3	1L-A109	22	Red	Signal	7 (+pg)
1L-A109			<i>This Panel Only</i>	1L-A109	22	Black	Return	8 (-pg)

Power Supply Module, 5-30 Vdc, 3A Dual "Critical 18 vdc / 24 vdc Supply - White" Excelsys: powerMod Xg8 Tag Number 0708

Channel 1 Out

Mech Room: 15Vdc M1G Backup Power (UPS)

Power Supply Module, 5-30 Vdc, 3A Dual

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
1L-A113	18-2	Mech Room: 15Vdc M1G Backup Power (UPS)	8	1L-A113	18	Red	+18V DC	4 (+V1)
1L-A113			White/CN-Panel/1	1L-A113	18	Black	18V DC Return	3 (-V1)

Channel 2 Out

One other connection in panel.

Mech Room: 24 Vdc Power (UPS)

Power Supply Module, 5-30 Vdc, 3A Dual

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
1L-A149	18-2	Mech Room: 24 Vdc Power (UPS)	3	1L-A149	18	Red	+24 Vdc	2 (+V1)
1L-A149			This Panel Only	1L-A149	18	Black	24 Vdc Return	1 (-V1)

Power Good Discrete

One other connection in panel.

Power Fault - 18 vdc (powerMod 6-1)

Power Supply Module, 5-30 Vdc, 3A Dual

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
1L-A105	22-2	Power Fault - 18 vdc (powerMod 6-1)	3	1L-A105	22	Red	Signal	6 (+pg V1)
1L-A105			This Panel Only	1L-A105	22	Black	Return	5 (-pg V1)

Power Good Discrete

One other connection in panel.

Power Fault - 24 vdc (powerMod 6-2)

Power Supply Module, 5-30 Vdc, 3A Dual

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
1L-A106	22-2	Power Fault - 24 vdc (powerMod 6-2)	3	1L-A106	22	Red	Signal	2 (+pg V2)
1L-A106			This Panel Only	1L-A106	22	Black	Return	1 (-pg V2)

Transformer, 16.5 Vac, 45va	"M1G AC Power Transformer (UPS)"	Elk: ELK-TRG1640
		Tag Number 1183

Power In (120 Vac)

3 other connections in panel.

UPS Primary Load (Security)

Transformer, 16.5 Vac, 45va

<i>Source Cable(s)</i>				<i>Source Wires</i>				Device Connection
Circuit ID <small>Cable ID</small>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-42	14-2	UPS Primary Load (Security)	18	1L-42	14	Black	Hot	Primary A
1L-42			White/E-Rack/2	1L-42	14	White	Neutral	Primary B

Power Output

Mech Room: M1G Prime (AC) Power (UPS)

Transformer, 16.5 Vac, 45va

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				Device Connection
Circuit ID <small>Cable ID</small>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-A166	16-2	Mech Room: M1G Prime (AC) Power (UPS)	8	1L-A166	16	Red	16.5 Vac A	Secondary A
1L-A166			White/CN-Panel/1	1L-A166	16	Black	16.5 Vac A	Secondary B

Overtemp Monitor, Hex "NC - Temperature Monitor" JTB: 1009-1 Tag Number 0355

Temp Input (1-3) / Channel 1

Master Bath: Room Temperature

Overtemp Monitor, Hex

Input Address = J1:X1

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2B-S08	22-4 (S)	Master Bath: Room Temperature	65	2B-S08	22	Red	Sensor +	+Sens 1
2B-S08			Master Bath	2B-S08	22	Black	Sensor -	-Sens
				2B-S08	22	Green	Ground	Shld

Temp Input (1-3) / Channel 2

BR 2/3 Bath: Room Temperature

Overtemp Monitor, Hex

Input Address = J1:X2

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2G-S10	22-4 (S)	BR 2/3 Bath: Room Temperature	51	2G-S10	22	Red	Sensor +	+Sens 2
2G-S10			BR 2/3 Bath	2G-S10	22	Black	Sensor -	-Sens
				2G-S10	22	Green	Ground	Shld

Temp Input (1-3) / Channel 3

BR 4/5 Bath: Room Temperature

Overtemp Monitor, Hex

Input Address = J1:X3

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1A-S09	22-4 (S)	BR 4/5 Bath: Room Temperature	62	1A-S09	22	Red	Sensor +	+Sens 3
1A-S09			BR 4/5 Bath	1A-S09	22	Black	Sensor -	-Sens
				1A-S09	22	Green	Ground	Shld

Temp Input (4-6) / Channel 4

Changing Room A: Room Temperature

Overtemp Monitor, Hex

Input Address = J1:X4

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1H-S01	22-4 (S)	Changing Room A: Room Temperature	54	1H-S01	22	Red	Sensor +	+Sens 4
1H-S01			Changing Room A	1H-S01	22	Black	Sensor -	-Sens
				1H-S01	22	Green	Ground	Shld

Temp Input (4-6) / Channel 5

Changing Room B: Room Temperature

Overtemp Monitor, Hex

Input Address = J1:X5

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1H-S02	22-4 (S)	Changing Room B: Room Temperature	61	1H-S02	22	Red	Sensor +	+Sens 5
1H-S02			Changing Room B	1H-S02	22	Black	Sensor -	-Sens
				1H-S02	22	Green	Ground	Shld

Temp Input (4-6) / Channel 6

Upper Bath: Room Temperature

Overtemp Monitor, Hex

Input Address = J1:X6

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
3A-S73	22-4 (S)	Upper Bath: Room Temperature	43	3A-S73	22	Red	Sensor +	+Sens 6
3A-S73			Upper Bath	3A-S73	22	Black	Sensor -	-Sens
				3A-S73	22	Green	Ground	Shld

Overtemp Disc Out / 1

One other connection in panel.

#Changing Room A Over-Temp

Overtemp Monitor, Hex

Output Address = J1:Y1
Input Address = C6:X101

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
1L-A129 1L-A129	22-8	#Changing Room A Over-Temp	3 This Panel Only	1L-A129 1L-A129	22 22	White Black	Signal 1 Ground	Ch 1 Out 24 Vdc Return

Overtemp Disc Out / 2

One other connection in panel.

#Changing Room B Over-Temp

Overtemp Monitor, Hex

Output Address = J1:Y2
Input Address = C6:X102

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
1L-A130 1L-A129	22-8	#Changing Room B Over-Temp	3 This Panel Only	1L-A129	22	Green	Signal 2	Ch 2 Out

Overtemp Disc Out / 3

One other connection in panel.

#BR 2/3 Bath Over-Temp

Overtemp Monitor, Hex

Output Address = J1:Y3
Input Address = C6:X103

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
1L-A131 1L-A129	22-8	#BR 2/3 Bath Over-Temp	3 This Panel Only	1L-A129	22	Brown	Signal 3	Ch 3 Out

Overtemp Disc Out / 4

One other connection in panel.

#BR 4/5 Bath Over-Temp

Overtemp Monitor, Hex

Output Address = J1:Y4
Input Address = C6:X104

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
1L-A132 1L-A129	22-8	#BR 4/5 Bath Over-Temp	3 This Panel Only	1L-A129	22	Blue	Signal 4	Ch 4 Out

Overtemp Disc Out / 5

One other connection in panel.

#Master Bath Over-Temp

Overtemp Monitor, Hex

Output Address = J1:Y5
Input Address = C6:X105

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
1L-A133 1L-A129	22-8	#Master Bath Over-Temp	3 This Panel Only	1L-A129	22	Orange	Signal 5	Ch 5 Out

Overtemp Disc Out / 6

One other connection in panel.

#Upper Bath Over-Temp

Overtemp Monitor, Hex

Output Address = J1:Y6
Input Address = C6:X106

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
1L-A134 1L-A129	22-8	#Upper Bath Over-Temp	3 This Panel Only	1L-A129	22	Yellow	Signal 6	Ch 6 Out

Discrete Output / Alarm

Bathroom Heating Alarm

Overtemp Monitor, Hex

Output Address = J1:Z1
Input Address = M1:(C)185

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
1L-A152 1L-A152	22-4	Bathroom Heating Alarm	8 White/CN-Panel/1	1L-A152 1L-A152	22 22	Red Black	Alarm Signal Return	Alarm Out Neg

Discrete Output / Trouble

Bathroom Heating Trouble

Overtemp Monitor, Hex

Output Address = J1:Z2
Input Address = M1:(C)186

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
1L-A153 1L-A152	22-4	Bathroom Heating Trouble	8 White/CN-Panel/1	1L-A152 1L-A152	22 22	White Black	Trouble Signal Return	Trouble Out Neg

Power In (12 Vdc)

Overtemp Monitor, Hex

5 other connections in panel.

White/CN 2: 12 Vdc Power (UPS)

Source Cable(s)			Source Wires				Device Connection	
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A08a	18-2	White/CN 2: 12 Vdc Power (UPS)	3 This Panel Only	1L-A08a	18	Red	+12 Vdc	+12 Vdc
1L-A08a				1L-A08a	18	Black	12 Vdc Return	Neg

Fan Controller, Hex (1 of 2) "NC - Cabinet Fan Controller 1" JTB: 1009-2 Tag Number 1128

Temp Input (1-3) / Channel 1

Red GP: Cabinet Temperature

Fan Controller, Hex #1

Input Address = J2:(1)X1

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1C-S12 1C-A14	22-4 (S)	Red GP: Cabinet Temperature	55 Red/GP-Panel	1C-A14	22	White	Select	+Sens 1	
				1C-A14	22	Green	Signal	-Sens	
				1C-A14	22	Shield	Ground	Shld	

Temp Input (1-3) / Channel 2

Orange GP: Cabinet Temperature

Fan Controller, Hex #1

Input Address = J2:(1)X2

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
2H-S07 2H-A23	22-4 (S)	Orange GP: Cabinet Temperature	31 Orange/GP-Panel	2H-A23	22	White	Select	+Sens 2	
				2H-A23	22	Green	Signal	-Sens	
				2H-A23	22	Shield	Shield	Shld	

Temp Input (1-3) / Channel 3

Green GP: Cabinet Temperature

Fan Controller, Hex #1

Input Address = J2:(1)X3

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1F-S08 1F-A10	22-4 (S)	Green GP: Cabinet Temperature	50 Green/GP-Panel	1F-A10	22	White	Select	+Sens 3	
				1F-A10	22	Green	Signal	-Sens	
				1F-A10	22	Shield	Shield	Shld	

Temp Input (4-6) / Channel 4

Yellow HVAC: Cabinet Temperature

Fan Controller, Hex #1

Input Address = J2:(1)X4

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-S13 1L-A09	22-4 (S)	Yellow HVAC: Cabinet Temperature	18 Yellow/CN-Panel/H	1L-A09	22	White	Select	+Sens 4	
				1L-A09	22	Green	Signal	-Sens	
				1L-A09	22	Shield	Shield	Shld	

Temp Input (4-6) / Channel 5

Gold: Cabinet Temperature

Fan Controller, Hex #1

Input Address = J2:(1)X5

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
3A-S05 3A-A03	22-4 (S)	Gold: Cabinet Temperature	38 Gold/GP-Panel	3A-A03	22	White	Select	+Sens 5	
				3A-A03	22	Green	Signal	-Sens	
				3A-A03	22	Shield	Shield	Shld	

Temp Input (4-6) / Channel 6

Blue GP: Cabinet Temperature

Fan Controller, Hex #1

Input Address = J2:(1)X6

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1G-S21 1G-A33	22-4 (S)	Blue GP: Cabinet Temperature	50 Blue/GP-Panel	1G-A33	22	White	Select	+Sens 6	
				1G-A33	22	Green	Signal	-Sens	
				1G-A33	22	Shield	Shield	Shld	

Output / 1

Red GP: Cabinet Fan Drive

Fan Controller, Hex #1

Output Address = J2:(1)Y1

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
1C-A14 1C-A14	22-4 (S)	Red GP: Cabinet Fan Drive	55 Red/GP-Panel	1C-A14 1C-A14	22	Black Red	Signal Power	Ch 1 Out +24 Vdc

Output / 2

Orange GP: Cabinet Fan Drive

Fan Controller, Hex #1

Output Address = J2:(1)Y2

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
2H-A23 2H-A23	22-4 (S)	Orange GP: Cabinet Fan Drive	31 Orange/GP-Panel	2H-A23 2H-A23	22	Black Red	Signal Power	Ch 2 Out +24 Vdc

Output / 3

Green GP: Cabinet Fan Drive

Fan Controller, Hex #1

Output Address = J2:(1)Y3

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
1F-A10 1F-A10	22-4 (S)	Green GP: Cabinet Fan Drive	50 Green/GP-Panel	1F-A10 1F-A10	22	Black Red	Signal Power	Ch 3 Out +24 Vdc

Output / 4

Yellow HVAC: Cabinet Fan Drive

Fan Controller, Hex #1

Output Address = J2:(1)Y4

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
1L-A09 1L-A09	22-4 (S)	Yellow HVAC: Cabinet Fan Drive	18 Yellow/CN-Panel/H	1L-A09 1L-A09	22	Black Red	Signal Power	Ch 4 Out +24 Vdc

Output / 5

White: Cabinet Fan Drive

Fan Controller, Hex #1

Output Address = J2:(1)Y5

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
3A-A03 3A-A03	22-4 (S)	White: Cabinet Fan Drive	38 Gold/GP-Panel	3A-A03 3A-A03	22	Black Red	Signal Power	Ch 5 Out +24 Vdc

Output / 6

Blue GP: Cabinet Fan Drive

Fan Controller, Hex #1

Output Address = J2:(1)Y6

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
1G-A33 1G-A33	22-4 (S)	Blue GP: Cabinet Fan Drive	50 Blue/GP-Panel	1G-A33 1G-A33	22	Black Red	Return Signal	Ch 6 Out +24 Vdc

Discrete Output / Alarm

One other connection in panel.

Mech Room: Fan Controller 1 Alarm

Fan Controller, Hex #1

Output Address = J2:(1)Z1
Input Address = J2:(2)W1

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
1L-A167 1L-A167	22 Wire	Mech Room: Fan Controller 1 Alarm	3 This Panel Only	1L-A167	22	Red	Signal	Alarm Out

Discrete Output / Trouble

One other connection in panel.

Mech Room: Fan Controller 1 Trouble

Fan Controller, Hex #1

Output Address = J2:(1)Z2
Input Address = J2:(2)W2

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
1L-A168 1L-A168	22 Wire	Mech Room: Fan Controller 1 Trouble	3 This Panel Only	1L-A168	22	Blue	Signal	Trouble Out

Power In (12 Vdc)

5 other connections in panel.

White/CN 2: 12 Vdc Power (UPS)

Fan Controller, Hex #1

<i>Source Cable(s)</i>				<i>Source Wires</i>				Device
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Connection
1L-A08a	18-2	White/CN 2: 12 Vdc Power (UPS)	3	1L-A08a	18	Red	+12 Vdc	+12 Vdc
1L-A08a			This Panel Only	1L-A08a	18	Black	12 Vdc Return	Neg

Power In (24 Vdc)

4 other connections in panel.

Mech Room: 24 Vdc (Line-Power)

Fan Controller, Hex #1

<i>Source Cable(s)</i>				<i>Source Wires</i>				Device
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Connection
1L-A110	18-2	Mech Room: 24 Vdc (Line-Power)	8	1L-A110	18	Red	+24 Vdc	+24 Vdc
1L-A110			White/CN-Panel/1	1L-A110	18	Black	24 Vdc Return	24 Vdc Return

Fan Controller, Hex (2 of 2)

"NC - Cabinet Fan Controller 2"

JTB: 1009-2
Tag Number
1130

Temp Input (1-3) / Channel 2

Fan Controller, Hex #2

Input Address = J2:(2)X2

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-S12 1L-A147	22-4 (S)	White CN/6: Cabinet Temperature	15 White/CN-Panel/6	1L-A147	22	White	Select	+Sens 2	
				1L-A147	22	Green	Signal	-Sens	
				1L-A147	22	Shield	Shield	Shld	

White CN/6: Cabinet Temperature

Temp Input (1-3) / Channel 3

Fan Controller, Hex #2

Input Address = J2:(2)X3

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-S11 1L-A146	22-4 (S)	White CN/3: Cabinet Temperature	8 White/CN-Panel/3	1L-A146	22	White	Select	+Sens 3	
				1L-A146	22	Green	Signal	-Sens	
				1L-A146	22	Shield	Shield	Shld	

White CN/3: Cabinet Temperature

Temp Input (4-6) / Channel 4

Fan Controller, Hex #2

Input Address = J2:(2)X4

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-S10 1L-A145	22-4 (S)	White GP/1: Cabinet Temperature	3 White/GP-Panel/1	1L-A145	22	White	Select	+Sens 4	
				1L-A145	22	Green	Signal	-Sens	
				1L-A145	22	Shield	Shield	Shld	

White GP/1: Cabinet Temperature

Temp Input (4-6) / Channel 5

Fan Controller, Hex #2

Input Address = J2:(2)X5

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-S09 1L-A144	22-4 (S)	White CN/2: Cabinet Temperature	3 This Panel Only	1L-A144	22	White	Select	+Sens 5	
				1L-A144	22	Green	Signal	-Sens	
				1L-A144	22	Shield	Shield	Shld	

White CN/2: Cabinet Temperature

Temp Input (4-6) / Channel 6

Fan Controller, Hex #2

Input Address = J2:(2)X6

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-S08 1L-A143	22-4 (S)	White TG: Cabinet Temperature	35 White/GP-Panel/3	1L-A143	22	White	Select	+Sens 6	
				1L-A143	22	Green	Signal	-Sens	
				1L-A143	22	Shield	Shield	Shld	

White TG: Cabinet Temperature

Discrete In / Alarm

Fan Controller, Hex #2

Output Address = J2:(1)Z1

Input Address = J2:(2)W1

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A167 1L-A167	22 Wire	Mech Room: Fan Controller 1 Alarm	3 This Panel Only	1L-A167	22	Red	Signal	Alarm In	

Mech Room: Fan Controller 1 Alarm

Discrete In / Trouble

Fan Controller, Hex #2

Output Address = J2:(1)Z2

Input Address = J2:(2)W2

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A168 1L-A168	22 Wire	Mech Room: Fan Controller 1 Trouble	3 This Panel Only	1L-A168	22	Blue	Signal	Trouble In	

Mech Room: Fan Controller 1 Trouble

Output / 2

Fan Controller, Hex #2

Output Address = J2:(2)Y2

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
1L-A147 1L-A147	22-4 (S)	White CN/6: Cabinet Fan Drive	15 White/CN-Panel/6	1L-A147 1L-A147	22 22	Black Red	Signal Power	Ch 2 Out +24 Vdc

White CN/6: Cabinet Fan Drive

Output / 3

Fan Controller, Hex #2

Output Address = J2:(2)Y3

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
1L-A146 1L-A146	22-4 (S)	Withe CN/3: Cabinet Fan Drive	8 White/CN-Panel/3	1L-A146 1L-A146	22 22	Black Red	Signal Power	Ch 3 Out +24 Vdc

Withe CN/3: Cabinet Fan Drive

Output / 4

Fan Controller, Hex #2

Output Address = J2:(2)Y4

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
1L-A145 1L-A145	22-4 (S)	White GP/1: Cabinet Fan Drive	3 White/GP-Panel/1	1L-A145 1L-A145	22 22	Black Red	Return Switched	Ch 4 Out +24 Vdc

White GP/1: Cabinet Fan Drive

Output / 5

Fan Controller, Hex #2

Output Address = J2:(2)Y5

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
1L-A144 1L-A144	22-4 (S)	White CN/2: Cabinet Fan Drive	3 This Panel Only	1L-A144 1L-A144	22 22	Black Red	Signal Power	Ch 5 Out +24 Vdc

One other connection in panel.

White CN/2: Cabinet Fan Drive

Output / 6

Fan Controller, Hex #2

Output Address = J2:(2)Y6

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
1L-A143 1L-A143	22-4 (S)	White TG: Cabinet Fan Drive	35 White/GP-Panel/3	1L-A143 1L-A143	22 22	Black Red	Signal Power	Ch 6 Out +24 Vdc

White TG: Cabinet Fan Drive

Discrete Output / Alarm

Fan Controller, Hex #2

Output Address = J2:(2)Z1
Input Address = M1:(C)182

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
1L-A150 1L-A150	22-4	Cabinet Fan Alarm	8 White/CN-Panel/1	1L-A150 1L-A150	22 22	Red Black	Alarm Signal Return	Alarm Out Neg

Cabinet Fan Alarm

Discrete Output / Trouble

Fan Controller, Hex #2

Output Address = J2:(2)Z2
Input Address = M1:(C)183

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
1L-A151 1L-A150	22-4	Cabinet Fan Trouble	8 White/CN-Panel/1	1L-A150 1L-A150	22 22	White Black	Trouble Signal Return	Trouble Out Neg

Cabinet Fan Trouble

Power In (12 Vdc)

Fan Controller, Hex #2

Output Address = J2:(2)Z2
Input Address = M1:(C)183

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A08a 1L-A08a	18-2	White/CN 2: 12 Vdc Power (UPS)	3 This Panel Only	1L-A08a 1L-A08a	18 18	Red Black	+12 Vdc 12 Vdc Return	+12 Vdc Neg

5 other connections in panel.

White/CN 2: 12 Vdc Power (UPS)

Power In (24 Vdc)

Fan Controller, Hex #2

4 other connections in panel.

Mech Room: 24 Vdc (Line-Power)

Circuit ID		Source Cable(s)				Source Wires				Device
Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Connection		
1L-A110	18-2	Mech Room: 24 Vdc (Line-Power)	8 White/CN-Panel/1	1L-A110	18	Red	+24 Vdc	+24 Vdc		
1L-A110				18	Black	24 Vdc Return	24 Vdc Return			

Fan & Sensor Kit, Cabinet	"Enclosure Vent Fan & Temp Sensor"	JTB: 1010-3	Tag Number 1099
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Fan Power In

One other connection in panel.

White CN/2: Cabinet Fan Drive

Fan & Sensor Kit, Cabinet

Output Address = J2:(2)Y5

<i>Source Cable(s)</i>				<i>Source Wires</i>				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-A144	22-4 (S)	White CN/2: Cabinet Fan Drive	3	1L-A144	22	Red	Power	Fan +
1L-A144			This Panel Only	1L-A144	22	Black	Signal	Fan -

Temp Sensor Output

One other connection in panel.

White CN/2: Cabinet Temperature

Fan & Sensor Kit, Cabinet

Input Address = J2:(2)X5

<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	
1L-S09	22-4 (S)	White CN/2: Cabinet Temperature	3	1L-A144	22	White	Select	(Sensor) +
1L-A144			This Panel Only	1L-A144	22	Green	Signal	(Sensor) -
				1L-A144	22	Shield	Shield	GND

9-Zone Combiner / Indicator "Trouble Indicator, Critical Power" JTB: 1006-1 Tag Number 1122

OR (1-3) Input / 1

9-Zone Combiner / Indicator

One other connection in panel.				Power Fault - Red 12 vdc (powerMod 1)					
Source Cable(s)				Source Wires					
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A104	22-2	Power Fault - Red 12 vdc (powerMod 1)	3	1L-A104	22	Red	Signal	In 1	
1L-A104			This Panel Only	1L-A104	22	Black	Return	Neg	

OR (1-3) Input / 2

9-Zone Combiner / Indicator

One other connection in panel.				Power Fault - Green 12 vdc (powerMod 2)					
Source Cable(s)				Source Wires					
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A102	22-2	Power Fault - Green 12 vdc (powerMod 2)	3	1L-A102	22	Red	Signal	In 2	
1L-A102			This Panel Only	1L-A102	22	Black	Return	Neg	

OR (1-3) Input / 3

9-Zone Combiner / Indicator

One other connection in panel.				Power Fault - Blue 12 vdc (powerMod 3)					
Source Cable(s)				Source Wires					
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A101	22-2	Power Fault - Blue 12 vdc (powerMod 3)	3	1L-A101	22	Red	Signal	In 3	
1L-A101			This Panel Only	1L-A101	22	Black	Return	Neg	

OR (4-6) Input / 4

9-Zone Combiner / Indicator

One other connection in panel.				Power Fault - Orange 12 vdc (powerMod 4)					
Source Cable(s)				Source Wires					
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A103	22-2	Power Fault - Orange 12 vdc (powerMod 4)	3	1L-A103	22	Red	Signal	In 4	
1L-A103			This Panel Only	1L-A103	22	Black	Return	Neg	

OR (4-6) Input / 5

9-Zone Combiner / Indicator

One other connection in panel.				Power Fault - White 12 vdc (powerMod 5)					
Source Cable(s)				Source Wires					
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A109	22-2	Power Fault - White 12 vdc (powerMod 5)	3	1L-A109	22	Red	Signal	In 5	
1L-A109			This Panel Only	1L-A109	22	Black	Return	Neg	

OR (4-6) Input / 6

9-Zone Combiner / Indicator

One other connection in panel.				Power Fault - 18 vdc (powerMod 6-1)					
Source Cable(s)				Source Wires					
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A105	22-2	Power Fault - 18 vdc (powerMod 6-1)	3	1L-A105	22	Red	Signal	In 6	
1L-A105			This Panel Only	1L-A105	22	Black	Return	Neg	

OR (7-9) Input / 7

9-Zone Combiner / Indicator

One other connection in panel.				Power Fault - 24 vdc (powerMod 6-2)					
Source Cable(s)				Source Wires					
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A106	22-2	Power Fault - 24 vdc (powerMod 6-2)	3	1L-A106	22	Red	Signal	In 7	
1L-A106			This Panel Only	1L-A106	22	Black	Return	Neg	

OR (7-9) Input / 9

9-Zone Combiner / Indicator

One other connection in panel.

Power Fault - powerPac Fan Fail

<i>Source Cable(s)</i>				<i>Source Wires</i>				Device
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Connection
1L-A107	22-2	Power Fault - powerPac Fan Fail	3	1L-A107	22	Red	Signal	In 9
1L-A107			This Panel Only	1L-A107	22	Black	Return	Neg

OR (1-9) Output

9-Zone Combiner / Indicator

Input Address = M1:(C)181

Change

Load Cable(s)

Load Cable Wires

Critical Power Fault

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				Device
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Connection
1L-A140	22-2	Critical Power Fault	8	1L-A140	22	Red	Signal	Out 1-9
1L-A140			White/CN-Panel/1	1L-A140	22	Black	Return	Neg

Power In (12 Vdc)

9-Zone Combiner / Indicator

5 other connections in panel.

White/CN 2: 12 Vdc Power (UPS)

<i>Source Cable(s)</i>				<i>Source Wires</i>				Device
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Connection
1L-A08a	18-2	White/CN 2: 12 Vdc Power (UPS)	3	1L-A08a	18	Red	+12 Vdc	+12 V
1L-A08a			This Panel Only	1L-A08a	18	Black	12 Vdc Return	Neg

XL Button IO Adapter "NC - XL Heater Call Button Interface" JTB: 1014 Tag Number 1217

Button In / Port 1

XL Button IO Adapter

Change

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A182	Cat 5 (XL-B)	Button 1H-A.1 (ext 2)	25	1L-A180	Cat 5e	Green	Button 3	Pushbutton 1	
1L-A180			White/CN-Panel/7						

Button 1H-A.1 (ext 2)

Button In / Port 2

XL Button IO Adapter

Change

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A183	Cat 5 (XL-B)	Button 1H-B.1 (ext 2)	25	1L-A180	Cat 5e	White/Orange	Button 4	Pushbutton 2	
1L-A180			White/CN-Panel/7						

Button 1H-B.1 (ext 2)

Button In / Port 3

XL Button IO Adapter

Change

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A184	Cat 5 (XL-B)	Button 2G-C.1 (ext 2)	25	1L-A180	Cat 5e	White/Green	Button 2	Pushbutton 3	
1L-A180			White/CN-Panel/7						

Button 2G-C.1 (ext 2)

Button In / Port 4

XL Button IO Adapter

Change

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1C-A31	Cat 5 (XL-B)	Button 1A-C.1 (ext 1)	55	1C-A29	Cat 5e	White/Green	Button 2	Pushbutton 4	
1C-A29			Red/XL-Dim/1	1C-A29	Cat 5e	White/Brown	Common	Com	

Button 1A-C.1 (ext 1)

Button In / Port 5

XL Button IO Adapter

Change

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1C-A29	Cat 5 (XL-B)	Button 1A-D.1 (ext 1)	55	1C-A29	Cat 5e	Brown	Button 1	Pushbutton 5	
1C-A29			Red/XL-Dim/1	1C-A29	Cat 5e	White/Brown	Common	Com	

Button 1A-D.1 (ext 1)

Button In / Port 6

XL Button IO Adapter

Change

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1C-A30	Cat 5 (XL-B)	Button 2B-A.1 (ext 1)	56	1C-A30	Cat 5e	White/Green		Pushbutton 6	
1C-A30			Red/XL-Dim/2						

Button 2B-A.1 (ext 1)

Button In / Port 7

XL Button IO Adapter

Change

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A180	Cat 5 (XL-B)	Button 3A-D.1 (ext 2)	25	1L-A180	Cat 5e	Brown	Button 1	Pushbutton 7	
1L-A180			White/CN-Panel/7	1L-A180	Cat 5e	White/Brown	Common	Com	

Button 3A-D.1 (ext 2)

Button In / Port 8

Button 2C-FR.8 (ext 1)

XL Button IO Adapter

Change

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A181 1L-A181	Cat 5 (XL-B)	Button 2C-FR.8 (ext 1)	25 White/XL-Dim	1L-A181	Cat 5e	Brown	Signal	Pushbutton 8
				1L-A181	Cat 5e	White/Brown	Return	Com

Discrete Output / 1

One other connection in panel.

Changing Room A Heater Call (Toggle) Blue-WhiteCN/7

XL Button IO Adapter

Change

Input Address = C6:X201

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
1L-A191 1L-A189	22-10	Changing Room A Heater Call (Toggle) Blue-WhiteCN/7	3 This Panel Only	1L-A189	22	White	Signal	Output 1

Discrete Output / 2

One other connection in panel.

Changing Room B Heater Call (Toggle) Blue-WhiteCN/7

XL Button IO Adapter

Change

Input Address = C6:X202

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
1L-A192 1L-A189	22-10	Changing Room B Heater Call (Toggle) Blue-WhiteCN/7	3 This Panel Only	1L-A189	22	Brown	Signal	Output 2

Discrete Output / 3

One other connection in panel.

BR 2/3 Bath Heater Call (Toggle)

XL Button IO Adapter

Change

Input Address = C6:X203

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
1L-A190 1L-A189	22-10	BR 2/3 Bath Heater Call (Toggle)	3 This Panel Only	1L-A189	22	Green	Signal	Output 3

Discrete Output / 4

2 other connections in panel.

BR 4/5 Bath Heater Call (Toggle) Red/1

XL Button IO Adapter

Change

Input Address = C6:X204

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
1L-A193 1L-A189	22-10	BR 4/5 Bath Heater Call (Toggle) Red/1	3 This Panel Only	1L-A189	22	Blue	Signal	Output 4

Discrete Output / 5

2 other connections in panel.

BR 4/5 Bath Heater Call (Toggle) Red/1

XL Button IO Adapter

Change

Input Address = C6:X204

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
1L-A193 1L-A189	22-10	BR 4/5 Bath Heater Call (Toggle) Red/1	3 This Panel Only	1L-A189	22	Blue	Signal	Output 5

Discrete Output / 6

One other connection in panel.

Master Bath Heater Call (Toggle) Red/2

XL Button IO Adapter

Change

Input Address = C6:X205

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
1L-A194 1L-A189	22-10	Master Bath Heater Call (Toggle) Red/2	3 This Panel Only	1L-A189	22	Orange	Signal	Output 6

Discrete Output / 7

One other connection in panel.

Upper Bath Heater Call (Toggle)

XL Button IO Adapter

Change

Input Address = C6:X206

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
1L-A189 1L-A189	22-10	Upper Bath Heater Call (Toggle)	3 This Panel Only	1L-A189	22	Red	Signal	Output 7
				1L-A189	22	Black	Common	Com

Discrete Output / 8

XL Button IO Adapter

Input Address = C6:X207

Change

One other connection in panel.

Circuit ID <small>Cable ID</small>	Style	Location & Name	Length & Destination
1L-A195 1L-A189	22-10	Great Room Exhaust Toggle - WhiteXL	3 <i>This Panel Only</i>

Great Room Exhaust Toggle - WhiteXL

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A189	22	Yellow	Signal	Output 8

Discrete Output / 9

XL Button IO Adapter

Input Address = C6:X208

Change

One other connection in panel.

Circuit ID <small>Cable ID</small>	Style	Location & Name	Length & Destination
1L-A196 1L-A189	22-10	Great Room Exhaust Off Call - WhiteXL	3 <i>This Panel Only</i>

Great Room Exhaust Off Call - WhiteXL

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A189	22	Violet	Signal	Output 9

State In / 1

XL Button IO Adapter

Output Address = C6:Y605

Change

One other connection in panel.

Circuit ID <small>Cable ID</small>	Style	Location & Name	Length & Destination
1L-A185 1L-A185	22-8	Button LED; Changing Room A	3 <i>This Panel Only</i>

Button LED; Changing Room A

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A185	22	Red	Signal	Button LED 1

State In / 2

XL Button IO Adapter

Output Address = C6:Y606

New

One other connection in panel.

Circuit ID <small>Cable ID</small>	Style	Location & Name	Length & Destination
1L-A188 1L-A185	22-8	Button LED; Changing Room B	3 <i>This Panel Only</i>

Button LED; Changing Room B

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A185	22	White	Signal	Button LED 2

State In / 3

XL Button IO Adapter

Output Address = C6:Y607

New

One other connection in panel.

Circuit ID <small>Cable ID</small>	Style	Location & Name	Length & Destination
1L-A197 1L-A185	22-8	Button LED; BR 2/3 Bath	3 <i>This Panel Only</i>

Button LED; BR 2/3 Bath

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A185	22	Green	Signal	Button LED 3

State In / 4

XL Button IO Adapter

Output Address = C6:Y608

New

2 other connections in panel.

Circuit ID <small>Cable ID</small>	Style	Location & Name	Length & Destination
1L-A198 1L-A185	22-8	Button LED; BR 4/5 Bath	3 <i>This Panel Only</i>

Button LED; BR 4/5 Bath

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A185	22	Brown	Signal	Button LED 4

State In / 5

XL Button IO Adapter

Output Address = C6:Y608

New

2 other connections in panel.

Circuit ID <small>Cable ID</small>	Style	Location & Name	Length & Destination
1L-A198 1L-A185	22-8	Button LED; BR 4/5 Bath	3 <i>This Panel Only</i>

Button LED; BR 4/5 Bath

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A185	22	Brown	Signal	Button LED 5

State In / 6

XL Button IO Adapter

Output Address = C6:Y609

New

One other connection in panel.

Circuit ID <small>Cable ID</small>	Style	Location & Name	Length & Destination
1L-A199 1L-A185	22-8	Button LED; Master Bath	3 <i>This Panel Only</i>

Button LED; Master Bath

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A185	22	Blue	Signal	Button LED 6

State In / 7

XL Button IO Adapter

Output Address = C6:Y610

New

One other connection in panel.

Button LED; Upper Bath

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A200 1L-A185	22-8	Button LED; Upper Bath	3 This Panel Only	1L-A185	22	Orange	Signal	Button LED 7

State In / 8

XL Button IO Adapter

Output Address = C6:Y611

New

One other connection in panel.

Button LED; Great Room Exhaust

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A201 1L-A185	22-8	Button LED; Great Room Exhaust	3 This Panel Only	1L-A185	22	Yellow	Signal	Button LED 8

Power In (12 Vdc)

XL Button IO Adapter

New

One other connection in panel.

Mech Room: Heater Button Adapter Power

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A202 1L-A202	22-2	Mech Room: Heater Button Adapter Power	3 This Panel Only	1L-A202	22	Red	+12V DC	+12vdc
				1L-A202	22	Black	12V DC Return	Rtn

Power Connection Point "Critical 12 vdc Power Connection Point" Field Splice Tag Number na

Power In

One other connection in panel.

Critical Power - White Panels (12 Vdc)

Power Connection Point

<i>Source Cable(s)</i>				<i>Source Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A08	18-2	Critical Power - White Panels (12 Vdc)	17	1C-A04	14	Green	Common	Neg
1L-A08			Multiple	1L-A08	18	Black	12 Vdc Return	Supply
1C-A19	14-4	Red: Single-point Common	56	1L-A08	18	Red	+12 Vdc	Return
1C-A04			Red/CN-Panel/D					
2H-A30	14-4	Orange: Single-point Common	26					
2H-A01			Orange/CN-Panel/L					
1F-A11	14-4	Green: Single-point Common	50					
1F-A04			Green/CN-Panel					
1G-A35	14-4	Blue: Single-point Common	47					
1G-A13			Blue/CN-Panel/D					

Power Output / 1

5 other connections in panel.

White/CN 2: 12 Vdc Power (UPS)

Power Connection Point

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A08a	18-2	White/CN 2: 12 Vdc Power (UPS)	3	1L-A08a	18	Red	+12 Vdc	Load 1
1L-A08a			This Panel Only	1L-A08a	18	Black	12 Vdc Return	Return 1

Relay, SPDT 12 Vdc Compact (1 of 4) "NC-RL-11, BR 4/5 Bath, Towel Warmer 12 Vdc SPDT Relay" Elk: "Compact Relay" Tag Number 0371

Contact Pair, NO

Mech Room: BR 4/5 Bath - Towel Warmer Call

Relay, SPDT 12 Vdc Compact #1

Output tbd

Input Address = MCP:1-I01

Load Cable(s)				Load Cable Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-A20	Cat 5e	Mech Room: BR 4/5 Bath - Towel Warmer Call	25	1L-A20	Cat 5e	White/Orange	Terminal A	NO
1L-A20			White/XL-Dim	1L-A20	Cat 5e	Orange	Terminal B	Com

Relay, SPDT 12 Vdc Compact (2 of 4)	"NC-RL-8 Floor Heat Setback, BR 2/3 Bath 12 Vdc SPDT Relay"	Elk: "Compact Relay"	Tag Number 0377
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Contact Pair, NO

Blue Utility Area: Floor Heat Setback - BR 2/3 Bath

Relay, SPDT 12 Vdc Compact #2

			<i>Load Cable(s)</i>			<i>Load Cable Wires</i>			
	Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
<i>Output</i>			Blue Utility Area: Floor Heat Setback - BR 2/3 Bath	47	1G-A17	22	Black	Terminal A	NO
tbd	1G-A17 1G-A17	22-2		Blue/CN-Panel/D	1G-A17	22	Red	Terminal B	Com



Relay, SPDT 12 Vdc Compact (3 of 4) "NC-RL-9 Floor Heat Setback, Upper Bath 12 Vdc SPDT Relay" Elk: "Compact Relay" Tag Number 0379

Contact Pair, NO

Garage: Floor Heat Setback - Upper Bath

Relay, SPDT 12 Vdc Compact #3

Output tbd

Load Cable(s)				Load Cable Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
2H-A08	22-4	Garage: Floor Heat Setback - Upper Bath	26	2H-A08	22	Black	Terminal A	NO
2H-A08			Orange/CN-Panel/L	2H-A08	22	Red	Terminal B	Com

Relay, SPDT 12 Vdc Compact (4 of 4)	"NC-RL-10 Bathroom Window Close Call 12 Vdc SPDT Relay"	Elk: "Compact Relay"	Tag Number 0381
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Contact Pair, NO

Garage: Bathroom Window Close Call

Relay, SPDT 12 Vdc Compact #4

			<i>Load Cable(s)</i>			<i>Load Cable Wires</i>			
<i>Output</i>	Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
tbd	2H-A09	22-4	Garage: Bathroom Window Close Call	26	2H-A08	22	Green	Terminal A	NO
	2H-A08			Orange/CN-Panel/L	2H-A08	22	White	Terminal B	Com



Relay, DPDT 12/24 Vdc Ampl (1 of 3)	"NC - RL-1 Instant Hot DPDT Relay"	Elk: "Sensitive Relay"	Tag Number 0362
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Contact Pair, NO / 1

Garage: Instant Hot Call - Upper Bar

Relay, DPDT 12/24 Vdc Ampl #1

Input Address = MCP:2-M01

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2H-A05	Cat 5e	Garage: Instant Hot Call - Upper Bar	32	2H-A05>07	Cat 5e	White/Orange	Common	1, NO
2H-A05>07			Orange/XL-Dim/1	2H-A05>07	Cat 5e	Orange	Signal	1, COM

Contact Pair, NO / 2

Mech Room: Instant Hot - Kitchen Call

Relay, DPDT 12/24 Vdc Ampl #1

Input Address = MCP:1-I02

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A21	Cat 5e	Mech Room: Instant Hot - Kitchen Call	25	1L-A20	Cat 5e	White/Orange	Terminal A	2, NO
1L-A20			White/XL-Dim	1L-A20	Cat 5e	White/Green	Signal	2, COM

Relay, DPDT 12/24 Vdc Ampl (2 of 3) "NC-RL-2 Bathroom Vents, All On, DPDT Relay" Elk: "Sensitive Relay" Tag Number 0364

Contact Pair, NO / 1

Garage: Bathroom Vents - All On Call

Relay, DPDT 12/24 Vdc Ampl #2

Input Address = MCP:2-M02

<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	
2H-A06	Cat 5e	Garage: Bathroom Vents - All On Call	32	2H-A05>07	Cat 5e	White/Orange	Common	1, NO
2H-A05>07			Orange/XL-Dim/1	2H-A05>07	Cat 5e	White/Green	Signal	1, COM

Contact Pair, NO / 2

Mech Room: Bathroom Vents - All On Call

Relay, DPDT 12/24 Vdc Ampl #2

Input Address = MCP:1-I03

<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	
1L-A22	Cat 5e	Mech Room: Bathroom Vents - All On Call	25	1L-A20	Cat 5e	White/Orange	Terminal A	2, NO
1L-A20			White/XL-Dim	1L-A20	Cat 5e	Blue	Signal	2, COM

Relay, DPDT 12/24 Vdc Ampl (3 of 3) "NC-RL-3 Bathroom Vents, All Off, DPDT Relay" Elk: "Sensitive Relay" Tag Number 0365

Contact Pair, NO / 1

Garage: Bathroom Vents - All Off Call

Relay, DPDT 12/24 Vdc Ampl #3

Input Address = MCP:2-M03

Load Cable(s)				Load Cable Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
2H-A07	Cat 5e	Garage: Bathroom Vents - All Off Call	32	2H-A05>07	Cat 5e	White/Orange	Common	1, NO
2H-A05>07			Orange/XL-Dim/1	2H-A05>07	Cat 5e	Blue	Signal	1, COM

Contact Pair, NO / 2

Mech Room: Bathroom Vents - All Off Call

Relay, DPDT 12/24 Vdc Ampl #3

Input Address = MCP:1-I04

Load Cable(s)				Load Cable Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-A23	Cat 5e	Mech Room: Bathroom Vents - All Off Call	25	1L-A20	Cat 5e	White/Orange	Terminal A	2, NO
1L-A20			White/XL-Dim	1L-A20	Cat 5e	White/Blue	Signal	2, COM

Spare Cable Group "Spare Cables" Tag Number
na

Not Connected / 1

spare (White CN/1 to White CN/2)

Spare Cable Group

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1L-A112 1L-A112	18-2	spare (White CN/1 to White CN/2)	8 White/CN-Panel/1

Not Connected / 2

Garage: spare

Spare Cable Group

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2H-A24 2H-A24	22-12	Garage: spare	26 Orange/CN-Panel/L					

Not Connected / 3

Mech Room: spare White/CN1 to White CN/2

Spare Cable Group

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-C51 1L-C51	18-4	Mech Room: spare White/CN1 to White CN/2	8 White/CN-Panel/1					

Not Connected / 4

Mech Room: spare 1 (LVRB to White/CN/2)

Spare Cable Group

New

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A135 1L-A135	22-4	Mech Room: spare 1 (LVRB to White/CN/2)	17 Yellow/XL-LVRB					

Not Connected / 5

Mech Room: spare 2 (LVRB to White/CN/2)

Spare Cable Group

New

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A55 1L-A55	22-4	Mech Room: spare 2 (LVRB to White/CN/2)	17 Yellow/XL-LVRB					