

<b>Transformer, 12 Vac 6W (1 of 2)</b>	"Water Heater Call Monitor Transformer, North"	Hammond: 166G12	Tag Number 1258
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**Power Output**

**Water Heater North Call Monitor**

Transformer, 12 Vac 6W #1

New

	<u>Circuit ID</u> <u>Cable ID</u>	<u>Style</u>	<u>Location &amp; Name</u>	<u>Length &amp; Destination</u>	<u>Cable ID</u>	<u>AWG</u>	<u>Wire Color</u>	<u>Wire Function</u>	<u>Device Connection</u>
	1L-A219	22-4	Water Heater North Call Monitor	19	1L-A219	22	Red	Signal	Secondary A
	1L-A219			Yellow/CN-Panel/H	1L-A219	22	Black	Return	Secondary B

<b>Transformer, 12 Vac 6W (2 of 2)</b>	"Water Heater Call Monitor Transformer, South"	Hammond: 166G12 <span style="float: right;">Tag Number 1259</span>
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**Power Output**

**Water Heater South Call Monitor**

Transformer, 12 Vac 6W #2

New

Circuit ID <small>Cable ID</small>	Style	Location & Name	<i>Load Cable(s)</i>	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A220 <small>1L-A219</small>	22-4	Water Heater South Call Monitor		19 Yellow/CN-Panel/H	1L-A219 1L-A219	22 22	White	Signal	Secondary A Secondary B
							Green	Return	



<b>Fan &amp; Sensor Kit, Cabinet</b>	"Enclosure Vent Fan & Temp Sensor"	JTB: 1010-3	Tag Number 1100
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**Fan Power In**

**White GP/1: Cabinet Fan Drive**

Fan & Sensor Kit, Cabinet

*Output Address =* J2:(2)Y4

<i>Source Cable(s)</i>				<i>Source Wires</i>				<b>Device Connection</b>
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-A145	22-4 (S)	White GP/1: Cabinet Fan Drive	3	1L-A145	22	Red	Switched	Fan +
1L-A145			White/CN-Panel/2	1L-A145	22	Black	Return	Fan -

**Temp Sensor Output**

**White GP/1: Cabinet Temperature**

Fan & Sensor Kit, Cabinet

*Input Address =* J2:(2)X4

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				<b>Device Connection</b>
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-S10	22-4 (S)	White GP/1: Cabinet Temperature	3	1L-A145	22	White	Select	(Sensor) +
1L-A145			White/CN-Panel/2	1L-A145	22	Green	Signal	(Sensor) -
				1L-A145	22	Shield	Shield	GND

<b>Circuit Breaker, DIN Rail, 2A</b>	"Standby Lighting Breaker, 2A"	Weidmuller: 9926251002
		Tag Number 0143

**Power In (120 Vac)**

Circuit Breaker, DIN Rail, 2A

*One other connection in panel.*

**UPS Secondary Loads (Fixed)**

<i>Source Cable(s)</i>				<i>Source Wires</i>				<b>Device Connection</b>
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-43	14-2	UPS Secondary Loads (Fixed)	18	1L-43	14	Black	Hot	Line
1L-43			White/E-Rack/2	1L-43	14	White	Neutral	Neutral

**Power Output**

Circuit Breaker, DIN Rail, 2A

*One other connection in panel.*

**(Standby Lighting)**

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				<b>Device Connection</b>
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-36	14-2	(Standby Lighting)	3	1L-36	14	Black	Hot	Load
1L-36			<i>This Panel Only</i>					

<b>Circuit Breaker, DIN Rail, 10A</b>	"UPS Secondary Loads Breaker, 10A"	Weidmuller: 9926251010	Tag Number 0182
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**Power In (120 Vac)**

Circuit Breaker, DIN Rail, 10A

*One other connection in panel.*

*UPS Secondary Loads (Fixed)*

<i>Source Cable(s)</i>				<i>Source Wires</i>				<b>Device Connection</b>
Circuit ID <small>Cable ID</small>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-43	14-2	UPS Secondary Loads (Fixed)	18	1L-43	14	Black	Hot	Line
1L-43			White/E-Rack/2	1L-43	14	White	Neutral	Neutral

**Power Output**

Circuit Breaker, DIN Rail, 10A

*2 other connections in panel.*

*(UPS Secondary Loads)*

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				<b>Device Connection</b>
Circuit ID <small>Cable ID</small>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-62	14-2	(UPS Secondary Loads)	3	1L-62	14	Black	Hot	Load
1L-62			<i>This Panel Only</i>					

<b>Relay, SPDT, 24 Vdc (Plug-In) (1 of 8)</b>	"Standby Lighting Relay"	Potter & Brumfield: KUP-5D15-24	Tag Number 0078
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**NO Input**

One other connection in panel.

**Standby Lighting**

Relay, SPDT, 24 Vdc (Plug-In) #1

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-36 1L-36	14-2	(Standby Lighting)	3 This Panel Only	1L-36	14	Black	Hot	NO (T5)

**Power Output**

**Standby Lighting**

Relay, SPDT, 24 Vdc (Plug-In) #1

Output      On

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-35 1L-35	14-2	Standby Lighting	18 Mech Room	1L-35	14	Black	Switched	Com (T7)
				1L-35	14	White	Neutral	Neutral

**Control In**

**Standby Lighting**

Relay, SPDT, 24 Vdc (Plug-In) #1

Output Address = C1:Y208

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/CN-Panel/2	1L-A03	22	Red	+24 Vdc	Coil+ (TA)
				1L-A03	22	White	Switched	Coil- (TB)

<b>Relay, SPDT, 24 Vdc (Plug-In) (2 of 8)</b>	"Propane Shut-Off Valve Relay"	Potter & Brumfield: KUP-5D15-24
		Tag Number 0240

**NO Input**

2 other connections in panel.

(UPS Secondary Loads)

Relay, SPDT, 24 Vdc (Plug-In) #2

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-62	14-2	(UPS Secondary Loads)	3	1L-62	14	Black	Hot	NO (T5)
1L-62			This Panel Only					

**Power Output**

Propane Shut-Off Valve

Relay, SPDT, 24 Vdc (Plug-In) #2

**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-61	14-2	Propane Shut-Off Valve	18	1L-61	14	Black	Switched	Com (T7)
1L-61			Mech Room (@Furnace (North))	1L-61	14	White	Neutral	Neutral

**Control In**

Propane Shutoff Control

Relay, SPDT, 24 Vdc (Plug-In) #2

**Output Address =** M1:(2a)017

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-A39	22-2	Propane Shutoff Control	8	1L-A39	22	Red	Switched	Coil+ (TA)
1L-A39			White/CN-Panel/1	1L-A39	22	Black	Ground	Coil- (TB)

<b>Relay, SPDT, 24 Vdc (Plug-In) (3 of 8)</b>	"Exhaust, Great Room (Low) Relay"	Potter & Brumfield: KUP-5D15-24
		Tag Number 0369

**NO Input**

3 other connections in panel.

Mech Room: Blower & Fan Group

Relay, SPDT, 24 Vdc (Plug-In) #3

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-22	14-2	Mech Room: Blower & Fan Group	23	1L-22	14	Black	Hot	NO (T5)
1L-22			Multiple	1L-22	14	White	Neutral	Neutral

**Power Output**

One other connection in panel.

Mech Room: Ceiling Peak Exhaust Blower - Int 1

Relay, SPDT, 24 Vdc (Plug-In) #3

Output

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-66	14-2	Mech Room: Ceiling Peak Exhaust Blower - Int 1	3	1L-66	14	Black	Switched	Com (T7)
1L-66			This Panel Only					

**Control In**

Great Room: Exhaust (Low Speed)

Relay, SPDT, 24 Vdc (Plug-In) #3

Output Address = C6:Y514

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-A18	22-4	Great Room: Exhaust (Low Speed)	3	1L-A18	22	Red	+24 Vdc	Coil+ (TA)
1L-A18			White/CN-Panel/2	1L-A18	22	White	Switched	Coil- (TB)



<b>Relay, SPDT, 24 Vdc (Plug-In) (4 of 8)</b>	"Blower, Great Room Fireplace Relay"	Potter & Brumfield: KUP-5D15-24	Tag Number 0368
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**NO Input**

3 other connections in panel.

**Mech Room: Blower & Fan Group**

Relay, SPDT, 24 Vdc (Plug-In) #4

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-22	14-2	Mech Room: Blower & Fan Group	23	1L-22	14	Black	Hot	NO (T5)
1L-22			Multiple	1L-22	14	White	Neutral	Neutral

**Power Output**

**Great Room Fireplace Blower**

Relay, SPDT, 24 Vdc (Plug-In) #4

**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-60	14-2	Great Room Fireplace Blower	25	1L-60	14	Black	Switched	Com (T7)
1L-60			Mech Room (@Furnace (South))	1L-60	14	White	Neutral	Neutral

**Control In**

**Great Room: Fireplace Blower Drive**

Relay, SPDT, 24 Vdc (Plug-In) #4

**Output Address =** C6:Y513

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-A17	22-8	Great Room: Fireplace Blower Drive	3	1L-A15+	22	Red	+24 Vdc	Coil+ (TA)
1L-A15+			White/CN-Panel/2	1L-A15+	22	Yellow	Switched	Coil- (TB)

<b>Relay, SPDT, 24 Vdc (Plug-In) (5 of 8)</b>	"Instrument Heaters Relay"	Potter & Brumfield: KUP-5D15-24
		Tag Number 0367

**NO Input**

3 other connections in panel.

**Mech Room: Blower & Fan Group**

Relay, SPDT, 24 Vdc (Plug-In) #5

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-22	14-2	Mech Room: Blower & Fan Group	23	1L-22	14	Black	Hot	NO (T5)
1L-22			Multiple	1L-22	14	White	Neutral	Neutral

**Power Output**

**Mech Room: Instrument Heater Power**

Relay, SPDT, 24 Vdc (Plug-In) #5

**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-65	14-2	Mech Room: Instrument Heater Power	22	1L-65	14	Black	Switched	Com (T7)
1L-65			White/E-Rack/3	1L-65	14	White	Neutral	Neutral

**Control In**

**Instrument Heaters Drive**

Relay, SPDT, 24 Vdc (Plug-In) #5

**Output Address =** C6:Y512

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-A16	22-8	Instrument Heaters Drive	3	1L-A15+	22	Red	+24 Vdc	Coil+ (TA)
1L-A15+			White/CN-Panel/2	1L-A15+	22	Orange	Switched	Coil- (TB)

**Relay, SPDT, 24 Vdc (Plug-In) (6 of 8)** "Towel Warmer Pump, Master Bath Relay" Potter & Brumfield: KUP-5D15-24 Tag Number 0366

**NO Input**

2 other connections in panel.

(Hot Water Recirc. Pumps)

Relay, SPDT, 24 Vdc (Plug-In) #6

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-16	14-2	(Hot Water Recirc. Pumps)	23	1L-16	14	Black	Hot	NO (T5)
1L-16			Yellow/CB-Panel/OffP	1L-16	14	White	Neutral	Neutral

**Power Output**

Master Bath Towel Warmer Pump

Relay, SPDT, 24 Vdc (Plug-In) #6

Output 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	
1L-64	14-2	Master Bath Towel Warmer Pump	31	1L-64	14	Black	Switched	Com (T7)
1L-64			Mech Room (@Water Heaters)	1L-64	14	White	Neutral	Neutral

**Control In**

Master Bath: Towel Warmer Pump Drive

Relay, SPDT, 24 Vdc (Plug-In) #6

Output Address = C6:Y511

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-A15	22-8	Master Bath: Towel Warmer Pump Drive	3	1L-A15+	22	Red	+24 Vdc	Coil+ (TA)
1L-A15+			White/CN-Panel/2	1L-A15+	22	Blue	Switched	Coil- (TB)

<b>Relay, SPDT, 24 Vdc (Plug-In) (7 of 8)</b>	"Hot Water Recirc Pump (N) Relay"	Potter & Brumfield: KUP-5D15-24
		Tag Number 0079

**NO Input**

2 other connections in panel.

(Hot Water Recirc. Pumps)

Relay, SPDT, 24 Vdc (Plug-In) #7

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-16	14-2	(Hot Water Recirc. Pumps)	23	1L-16	14	Black	Hot	NO (T5)
1L-16			Yellow/CB-Panel/OffP	1L-16	14	White	Neutral	Neutral

**Power Output**

Hot Water Recirc Pump (N)

Relay, SPDT, 24 Vdc (Plug-In) #7

**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-59	14-2	Hot Water Recirc Pump (N)	31	1L-59	14	Black	Switched	Com (T7)
1L-59			Mech Room (@Water Heaters)	1L-59	14	White	Neutral	Neutral

**Control In**

Mech Room: Hot Water Recirc Pump (N) Control

Relay, SPDT, 24 Vdc (Plug-In) #7

**Output Address =** C3:Y002

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-A01	22-4	Mech Room: Hot Water Recirc Pump (N) Control	3	1L-A01	22	Red	+24 Vdc	Coil+ (TA)
1L-A01			White/CN-Panel/2	1L-A01	22	White	Signal	Coil- (TB)

**Relay, SPDT, 24 Vdc (Plug-In) (8 of 8)** "Hot Water Recirc Pump (S) Relay" Potter & Brumfield: KUP-5D15-24 Tag Number 0075

**NO Input**

2 other connections in panel.

(Hot Water Recirc. Pumps)

Relay, SPDT, 24 Vdc (Plug-In) #8

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-16	14-2	(Hot Water Recirc. Pumps)	23	1L-16	14	Black	Hot	NO (T5)
1L-16			Yellow/CB-Panel/OffP	1L-16	14	White	Neutral	Neutral

**Power Output**

Hot Water Recirc Pump (S)

Relay, SPDT, 24 Vdc (Plug-In) #8

**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	Device Connection
1L-58	14-2	Hot Water Recirc Pump (S)	31	1L-58	14	Black	Switched	Com (T7)
1L-58			Mech Room (@Water Heaters)	1L-58	14	White	Neutral	Neutral

**Control In**

Mech Room: Hot Water Recirc Pump (S) Control

Relay, SPDT, 24 Vdc (Plug-In) #8

**Output Address =** C3:Y001

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-A02	22-4	Mech Room: Hot Water Recirc Pump (S) Control	3	1L-A01	22	Red	+24 Vdc	Coil+ (TA)
1L-A01			White/CN-Panel/2	1L-A01	22	Green	Signal	Coil- (TB)

**Relay, DPDT, 24 Vdc (Plug-In)** "Exhaust, Great Room (High) Relay" Potter & Brumfield: KUP-11D15-24 Tag Number 0370

**NC Input / 1 (T1)**

One other connection in panel.

Mech Room: Ceiling Peak Exhaust Blower - Int 2

Relay, DPDT, 24 Vdc (Plug-In)

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-67	14-2	Mech Room: Ceiling Peak Exhaust Blower - Int 2	3	1L-67	14	Black	Switched	NC 1 (T1)
1L-67			This Panel Only					

**NO Input / 1 (T4)**

3 other connections in panel.

Mech Room: Blower & Fan Group

Relay, DPDT, 24 Vdc (Plug-In)

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-22	14-2	Mech Room: Blower & Fan Group	23	1L-22	14	Black	Hot	NO 1 (T4)
1L-22			Multiple	1L-22	14	White	Neutral	Neutral

**Power Output / 1 (T7)**

Great Room: Ceiling Peak Exhaust Blower

Relay, DPDT, 24 Vdc (Plug-In)

**Output** C6:Y515 {on: On; off: 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	Device Connection
2C-21	14-4	Great Room: Ceiling Peak Exhaust Blower	34	2C-21	14	Black	Switched	Com 1 (T7)
2C-21			Great Room	2C-21	14	White	Neutral	Neutral

**Control In**

Great Room: Exhaust (High Speed)

Relay, DPDT, 24 Vdc (Plug-In)

**Output Address =** C6:Y515

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-A19	22-4	Great Room: Exhaust (High Speed)	3	1L-A18	22	Red	+24 Vdc	Coil +(TA)
1L-A18			White/CN-Panel/2	1L-A18	22	Green	Switched	Coil -(TB)

**Relay, 3PDT,12 Vdc (Plug-In) (1 of 2)** "Off-Peak Load Group B Relay 1" Potter & Brumfield: KUP-14D15-12 Tag Number 0386

**Control In**

*One other connection in panel.*

*Group B Loads Enable*

Relay, 3PDT,12 Vdc (Plug-In) #1

Change

*Output Address =* C6:Y002

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Source Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1L-A205	22-6	Group B Loads Enable	3	1L-A186	22	Blue	Signal	Coil+ (TA)
1L-A186			White/CN-Panel/2	1L-A186	22	Black	Return	Coil- (TB)

**Contact Pair, NO / 2 (T5)**

*Mech Room: Off Peak Discrete - Snow Melt (Back)*

Relay, 3PDT,12 Vdc (Plug-In) #1

*Output Address =* 1

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Load Cable Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1L-A32	18-2	Mech Room: Off Peak Discrete - Snow Melt (Back)	22	1L-A32	18	Red	Terminal B	Pair 2 (T5)
1L-A32		Mech Room (@Back Snow Melt Boiler)		1L-A32	18	Black	Terminal A	Pair 2 (T8)

**Contact Pair, NO / 3 (T6)**

*Mech Room: Off Peak Discrete - Snow Melt (Front)*

Relay, 3PDT,12 Vdc (Plug-In) #1

*Output Address =* 2

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Load Cable Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1L-A33	18-2	Mech Room: Off Peak Discrete - Snow Melt (Front)	30	1L-A33	18	Red	Terminal B	Pair 3 (T6)
1L-A33		Mech Room (@Front Snow Melt Boiler)		1L-A33	18	Black	Terminal A	Pair 3 (T9)

**Relay, 3PDT,12 Vdc (Plug-In) (2 of 2)** "Off-Peak Load Group B Relay 2" Potter & Brumfield: KUP-14D15-12 Tag Number 0387

**Control In**

*One other connection in panel.*

*Group B Loads Enable*

Relay, 3PDT,12 Vdc (Plug-In) #2

Change

*Output Address =* C6:Y002

Source Cable(s)				Source Wires						
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection		
1L-A205	22-6	Group B Loads Enable	3	1L-A186	22	Blue	Signal	Coil+ (TA)		
1L-A186			White/CN-Panel/2	1L-A186	22	Black	Return	Coil- (TB)		

**Contact Pair, NO / 1 (T4)**

*Mech Room: Off Peak Discrete - Floor Heat Boiler (Interior)*

Relay, 3PDT,12 Vdc (Plug-In) #2

Change

*Output* C6:Y002

Load Cable(s)				Load Cable Wires				
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A38	18-2	Mech Room: Off Peak Discrete - Floor Heat Boiler (Interior)	17	1L-A38	18	Red	Terminal B	Pair 1 (T4)
1L-A38		Mech Room (@House Floor Heat Boiler)		1L-A38	18	Black	Terminal A	Pair 1 (T7)

**Contact Pair, NO / 2 (T5)**

*Mech Room: Off Peak Discrete - Floor Heat (Shop)*

Relay, 3PDT,12 Vdc (Plug-In) #2

*Output Address =* 1

Load Cable(s)				Load Cable Wires				
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A35	18-2	Mech Room: Off Peak Discrete - Floor Heat (Shop)	22	1L-A35	18	Red	Terminal B	Pair 2 (T5)
1L-A35		Mech Room (@Garage/Shop Floor Heat)		1L-A35	18	Black	Terminal A	Pair 2 (T8)

**Contact Pair, NO / 3 (T6)**

*Mech Room: Off Peak Discrete - Floor Heat (Garage)*

Relay, 3PDT,12 Vdc (Plug-In) #2

*Output Address =* 2

Load Cable(s)				Load Cable Wires				
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A36	18-2	Mech Room: Off Peak Discrete - Floor Heat (Garage)	22	1L-A36	18	Red	Terminal B	Pair 3 (T6)
1L-A36		Mech Room (@Garage/Shop Floor Heat)		1L-A36	18	Black	Terminal A	Pair 3 (T9)



**Relay, Solid State (25A) (1 of 4)** "Bedroom 4/5 Bath: Heater 25A SSR" Crydom: D2425 Tag Number 0054

**NO Input**

**(Lower Bath: Heater)**

Relay, Solid State (25A) #1

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-11	14-2	(Lower Bath: Heater)	23	1L-11	14	White	Hot (Pole 1)	1 (Output)
1L-11			Yellow/CB-Panel/OffP	1L-11	14	Black	Hot (Pole 2)	Neutral

**Power Output**

**BR 4/5 Bath: Heater**

Relay, Solid State (25A) #1

**Output** tbd and C6:Y508

Load Cable(s)				Load Cable Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1A-13	12-3	BR 4/5 Bath: Heater	67	1A-13	12	Red	Switched (Pole 2)	2 (Output)
1A-13			BR 4/5 Bath	1A-13	12	White	Hot (Pole 1)	Neutral
				1A-13	12	Black	Hot (Pole 2)	Hot

**Control In**

**Bedroom 4/5 Bath Heater Drive**

Relay, Solid State (25A) #1

**Output Address =** C6:Y508

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-A41	22-8	Bedroom 4/5 Bath Heater Drive	3	1L-A15+	22	Red	+24 Vdc	3 (Input +)
1L-A15+			White/CN-Panel/2	1L-A15+	22	White	Switched	4 (Input -)

**Relay, Solid State (25A) (2 of 4)** "Master Bath: Heater 25A SSR" Crydom: D2425 Tag Number 0076

**NO Input**

(Master Bath: Heater)

Relay, Solid State (25A) #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
1L-12	14-2	(Master Bath: Heater)	23	1L-12	14	White	Hot (Pole 1)	1 (Output)
1L-12			Yellow/CB-Panel/OffP	1L-12	14	Black	Hot (Pole 2)	Neutral

**Power Output**

Master Bath: Heater

Relay, Solid State (25A) #2

**Output** tbd and 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
2B-17	12-3	Master Bath: Heater	55	2B-17	12	Red	Switched (Pole 2)	2 (Output)
2B-17			Master Bath	2B-17	12	White	Hot (Pole 1)	Neutral
				2B-17	12	Black	Hot (Pole 2)	Hot

**Control In**

Master Bath Heater Drive

Relay, Solid State (25A) #2

**Output Address =** C6:Y509

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-A42	22-8	Master Bath Heater Drive	3	1L-A15+	22	Red	+24 Vdc	3 (Input +)
1L-A15+			White/CN-Panel/2	1L-A15+	22	Green	Switched	4 (Input -)

**Relay, Solid State (25A) (3 of 4)** "Upper Bath: Heater 25A SSR" Crydom: D2425 Tag Number 0077

**NO Input**

(Upper Bath: Heater)

Relay, Solid State (25A) #3

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-49	14-2	(Upper Bath: Heater)	23	1L-49	14	White	Hot (Pole 1)	1 (Output)
1L-49			Yellow/CB-Panel/OffP	1L-49	14	Black	Hot (Pole 2)	Neutral

**Power Output**

Upper Bath: Heater

Relay, Solid State (25A) #3

**Output** tbd and 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
3A-18	14-3	Upper Bath: Heater	37	3A-18	14	Red	Switched (Pole 2)	2 (Output)
3A-18			Upper Bath	3A-18	14	White	Hot (Pole 1)	Neutral
				3A-18	14	Black	Hot (Pole 2)	Hot

**Control In**

Upper Bath Heater Drive

Relay, Solid State (25A) #3

**Output Address =** C6:Y510

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-A43	22-8	Upper Bath Heater Drive	3	1L-A15+	22	Red	+24 Vdc	3 (Input +)
1L-A15+			White/CN-Panel/2	1L-A15+	22	Brown	Switched	4 (Input -)

**Relay, Solid State (25A) (4 of 4)** "UPS Secondary Loads 25A SSR" Crydom: D2425 Tag Number 0449

**NO Input**

2 other connections in panel.

(UPS Secondary Loads)

Relay, Solid State (25A) #4

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-62 1L-62	14-2	(UPS Secondary Loads)	3 This Panel Only	1L-62	14	Black	Hot	1 (Output)

**Power Output**

UPS Secondary Loads (Switched)

Relay, Solid State (25A) #4

Output tbd and 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
2F-12 2F-12	14-2	UPS Secondary Loads 2	40 Silver/CN-Panel	1L-55	14	Black	Hot	2 (Output)
1L-55 1L-55	14-2	UPS Loads 2	45 Multiple	2F-12	14	Black	Hot	2 (Output)
				2F-12	14	White	Neutral	Neutral

**Control In**

UPS Secondary Loads Drive

Relay, Solid State (25A) #4

Output Address = C1:Y207

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-A65 1L-A03	22-4	UPS Secondary Loads Drive	3 White/CN-Panel/2	1L-A03	22	Red	+24 Vdc	3 (Input +)
				1L-A03	22	Green	Switched	4 (Input -)

**Relay, Solid State (50A) (1 of 2)** "Water Heater (South) 50A SSR" Crydom: D2450 Tag Number 0211

**NO Input**

(Water Heater (South))

Relay, Solid State (50A) #1

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-46	10-2	(Water Heater (South))	23	1L-46	10	White	Hot (Pole 1)	1 (Output)
1L-46			Yellow/CB-Panel/OffP	1L-46	10	Black	Hot (Pole 2)	Neutral

**Power Output**

Mech Room: Water Heater (South)

Relay, Solid State (50A) #1

Output tbd and C6:Y001

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-44	10-2	Mech Room: Water Heater (South)	31	1L-44	10	Black	Switched (Pole 2)	2 (Output)
1L-44			Mech Room (@Water Heaters)	1L-44	10	White	Hot (Pole 1)	Neutral

**Control In**

One other connection in panel.

Water Heaters - Enable

Relay, Solid State (50A) #1

Output Address = C6:Y001

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-A204	22-6	Water Heaters - Enable	3	1L-A186	22	Brown	Signal	3 (Input +)
1L-A186			White/CN-Panel/2	1L-A186	22	Black	Return	4 (Input -)

<b>Relay, Solid State (50A) (2 of 2)</b>	"Water Heater (North) 50A SSR"	Crydom: D2450	Tag Number 0212
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**NO Input**

**(Water Heater (North))**

Relay, Solid State (50A) #2

	<u>Circuit ID</u> <small>Cable ID</small>	<u>Style</u>	<u>Location &amp; Name</u>	<u>Length &amp; Destination</u>	<u>Cable ID</u>	<u>AWG</u>	<u>Wire Color</u>	<u>Wire Function</u>	<u>Device Connection</u>
	1L-47	10-2	(Water Heater (North))	23	1L-47	10	White	Hot (Pole 1)	1 (Output)
	1L-47			Yellow/CB-Panel/OffP	1L-47	10	Black	Hot (Pole 2)	Neutral

**Power Output**

**Mech Room: Water Heater (North)**

Relay, Solid State (50A) #2

**Output** tbd and C6:Y001

	<u>Circuit ID</u> <small>Cable ID</small>	<u>Style</u>	<u>Location &amp; Name</u>	<u>Length &amp; Destination</u>	<u>Cable ID</u>	<u>AWG</u>	<u>Wire Color</u>	<u>Wire Function</u>	<u>Device Connection</u>
	1L-45	10-2	Mech Room: Water Heater (North)	31	1L-45	10	Black	Switched (Pole 2)	2 (Output)
	1L-45			Mech Room (@Water Heaters)	1L-45	10	White	Hot (Pole 1)	Neutral

**Control In**

*One other connection in panel.*

**Water Heaters - Enable**

Relay, Solid State (50A) #2

**Output Address =** C6:Y001

Change

	<u>Circuit ID</u> <small>Cable ID</small>	<u>Style</u>	<u>Location &amp; Name</u>	<u>Length &amp; Destination</u>	<u>Cable ID</u>	<u>AWG</u>	<u>Wire Color</u>	<u>Wire Function</u>	<u>Device Connection</u>
	1L-A204	22-6	Water Heaters - Enable	3	1L-A186	22	Brown	Signal	3 (Input +)
	1L-A186			White/CN-Panel/2	1L-A186	22	Black	Return	4 (Input -)

<b>Motor Speed Controller, In-line</b>	"Great Room Exhaust Spd Controller"	(Part TBD)	Tag Number 0396
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**Power In (120 Vac)**

Motor Speed Controller, In-line

*Input*

*One other connection in panel.*

*Source Cable(s)*

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1L-66 1L-66	14-2	Mech Room: Ceiling Peak Exhaust Blower - Int 1	3 This Panel Only

*Mech Room: Ceiling Peak Exhaust Blower - Int 1*

*Source Wires*

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-66	14	Black	Switched	Line

**Power Output**

Motor Speed Controller, In-line

*One other connection in panel.*

*Load Cable(s)*

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1L-67 1L-67	14-2	Mech Room: Ceiling Peak Exhaust Blower - Int 2	3 This Panel Only

*Mech Room: Ceiling Peak Exhaust Blower - Int 2*

*Load Cable Wires*

Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-67	14	Black	Switcd	Load

**LED Bi-Color Indicator, 12 Vdc (1 of 5)** "EM Off-Peak Status, Water Heaters (A)" APEM Components: Q16P1BZZRYG12E Tag Number  
0385

**Control In / Green**

**Water Heaters Green LED**

LED Bi-Color Indicator, 12 Vdc #1

*Output Address =* C6:Y401

Change

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Source Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1L-A14	22-10	Water Heaters Green LED	3 White/CN-Panel/2	1L-A10	22	Orange	Signal	Green
1L-A10				1L-A10	22	Black	Ground	Common

**Control In / Red**

**Water Heaters Red LED**

LED Bi-Color Indicator, 12 Vdc #1

*Output Address =* C6:Y402

Change

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Source Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1L-A13	22-10	Water Heaters Red LED	3 White/CN-Panel/2	1L-A10	22	Blue	Signal	Red
1L-A10				1L-A10	22	Black	Ground	Common



**LED Bi-Color Indicator, 12 Vdc (2 of 5)** "EM Off-Peak Status, Load Group B" APEM Components: Q16P1BZZRYG12E Tag Number 0389

**Control In / Green**

**Load Group B Green LED**

LED Bi-Color Indicator, 12 Vdc #2

*Output Address =* C6:Y403

Change

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Source Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1L-A10	22-10	Load Group B Green LED	3	1L-A10	22	White	Switched	Green
1L-A10			White/CN-Panel/2	1L-A10	22	Black	Ground	Common

**Control In / Red**

**Load Group B Red LED**

LED Bi-Color Indicator, 12 Vdc #2

*Output Address =* C6:Y404

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Source Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1L-A28	22-10	Load Group B Red LED	3	1L-A10	22	Yellow	Switched	Red
1L-A10			White/CN-Panel/2	1L-A10	22	Black	Ground	Common

**LED Bi-Color Indicator, 12 Vdc (3 of 5)** "EM Off-Peak Status, HVAC North (C)" APEM Components: Q16P1BZZRYG12E Tag Number 0390

**Control In / Green**

**HVAC North Green LED**

LED Bi-Color Indicator, 12 Vdc #3

*Output Address =* C6:Y405

Change

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Source Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1L-A11	22-10	HVAC North Green LED	3 White/CN-Panel/2	1L-A10	22	Green	Signal	Green
1L-A10				1L-A10	22	Black	Ground	Common

**Control In / Red**

**HVAC North Red LED**

LED Bi-Color Indicator, 12 Vdc #3

*Output Address =* C6:Y406

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Source Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1L-A29	22-10	HVAC North Red LED	3 White/CN-Panel/2	1L-A10	22	Violet	Switched	Red
1L-A10				1L-A10	22	Black	Ground	Common

**LED Bi-Color Indicator, 12 Vdc (4 of 5)** "EM Off-Peak Status, HVAC South (D)" APEM Components: Q16P1BZZRYG12E Tag Number 0391

**Control In / Green**

**HVAC South Green LED**

LED Bi-Color Indicator, 12 Vdc #4

Output Address = C6:Y407

Change

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Source Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1L-A12	22-10	HVAC South Green LED	3 White/CN-Panel/2	1L-A10	22	Brown	Signal	Green
1L-A10				1L-A10	22	Black	Ground	Common

**Control In / Red**

**HVAC South Red LED**

LED Bi-Color Indicator, 12 Vdc #4

Output Address = C6:Y408

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Source Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1L-A30	22-10	HVAC South Red LED	3 White/CN-Panel/2	1L-A10	22	Gray	Switched	Red
1L-A10				1L-A10	22	Black	Ground	Common

**LED Bi-Color Indicator, 12 Vdc (5 of 5)** "EM Off-Peak Status, HVAC Upper (E)" APEM Components: Q16P1BZZRYG12E Tag Number 1242

**Control In / Green**

**HVAC Upper Green LED**

LED Bi-Color Indicator, 12 Vdc #5

New

*Output Address =* C6:Y003

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Source Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1L-A186	22-6	HVAC Upper Green LED	3 White/CN-Panel/2	1L-A186	22	Green	Signal	Green
1L-A186				1L-A186	22	Black	Return	Common

**Control In / Red**

**Mech Room: Off-Peak HVAC Upper Drive; Off**

LED Bi-Color Indicator, 12 Vdc #5

New

*Output Address =* C6:Y002

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Source Wires				Device Connection
				Cable ID	AWG	Wire Color	Wire Function	
1L-A187	22-6	Mech Room: Off-Peak HVAC Upper Drive; Off	3 White/CN-Panel/2	1L-A186	22	Red	Signal	Red
1L-A186				1L-A186	22	Black	Return	Common

Pass-Thru, Signal Set (1 of 3) "Off-Peak Control, HVAC North Pass-thru" Field Splice Tag Number na

Input / Channel 1

Pass-Thru, Signal Set #1

Output Address = C6:Y71

New

Circuit ID		Style	Location & Name	Length & Destination
Cable ID				
1L-A206		22-6	HVAC North Enable (ext)	3
1L-A206				White/CN-Panel/2

Cable ID		Style	Circuit Branch Name / Function	Cable Origin
1L-A34		18-2	Mech Room: Off Peak Discrete - Plenum Heater (N)	Furnace 1L-N

HVAC North Enable (ext)

Cable ID		AWG	Wire Color	Wire Function	Device Connection
1L-A206		22	Red	Signal	Signal 1
1L-A206		22	Black	Return	Return

Cable ID		AWG	Wire Color	Wire Function	Device Connection
1L-A34		18	Red	Terminal B	Signal 1
1L-A34		18	Black	Terminal A	Return

Output / Channel 1

Pass-Thru, Signal Set #1

Output C6:Y71

Change

Circuit ID		Style	Location & Name	Length & Destination
Cable ID				
1L-A34		18-2	Mech Room: Off Peak Discrete - Plenum Heater (N)	18
1L-A34				Furnace 1L-N

Cable ID		Style	Circuit Branch Name / Function	Cable Origin
1L-A206		22-6	HVAC North Enable (ext)	White/CN-Panel/2

Mech Room: Off Peak Discrete - Plenum Heater (N)

Cable ID		AWG	Wire Color	Wire Function	Device Connection
1L-A34		18	Red	Terminal B	Signal 1
1L-A34		18	Black	Terminal A	Return

Cable ID		AWG	Wire Color	Wire Function	Device Connection
1L-A206		22	Red	Signal	Signal 1
1L-A206		22	Black	Return	Return

Pass-Thru, Signal Set (2 of 3) "Off-Peak Control, HVAC South Pass-thru" Field Splice Tag Number na

Input / Channel 1

Pass-Thru, Signal Set #2

Output Address = C6:Y72

New

Source Cable(s)				Source Wires				
Circuit 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	Signal 1
1L-A206			White/CN-Panel/2	1L-A206	22	Green	Return	Return

  

Load Cable(s)				Load Cable Wires				
Cable ID	Style	Circuit Branch Name / Function	Cable Origin	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A37	18-2	Mech Room: Off Peak Discrete - Plenum Heater (S)	Furnace 1L-S	1L-A37	18	Red	Terminal B	Signal 1
				1L-A37	18	Black	Terminal A	Return

HVAC South Enable (ext)

Output / Channel 1

Pass-Thru, Signal Set #2

Output C6:Y72

Change

Load Cable(s)				Load Cable Wires				
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A37	18-2	Mech Room: Off Peak Discrete - Plenum Heater (S)	25	1L-A37	18	Red	Terminal B	Signal 1
1L-A37			Furnace 1L-S	1L-A37	18	Black	Terminal A	Return

  

Source Cable(s)				Source Wires				
Cable ID	Style	Circuit Branch Name / Function	Cable Origin	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-A206	22-6	HVAC South Enable (ext)	White/CN-Panel/2	1L-A206	22	White	Signal	Signal 1
				1L-A206	22	Green	Return	Return

Mech Room: Off Peak Discrete - Plenum Heater (S)

Pass-Thru, Signal Set (3 of 3) "Off-Peak Control, HVAC Upper Pass-thru" Field Splice Tag Number na

Input / Channel 1

Pass-Thru, Signal Set #3

Output Address = C6:Y73

New

Source Cable(s)					Source Wires				
Circuit 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	Signal 1	
1L-A206			White/CN-Panel/2	1L-A206	22	Brown	Return	Return	

  

Load Cable(s)					Load Cable Wires				
Cable ID	Style	Circuit Branch Name / Function	Cable Origin	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A31	18-2	Mech Room: Off Peak Discrete - Upper AC	Mech Room (@HVAC Controls)	1L-A31	18	Red	Terminal B	Signal 1	
				1L-A31	18	Black	Terminal A	Return	

HVAC Upper Enable (ext)

Output / Channel 1

Pass-Thru, Signal Set #3

Output C6:Y73

Change

Load Cable(s)					Load Cable Wires				
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A31	18-2	Mech Room: Off Peak Discrete - Upper AC	19	1L-A31	18	Red	Terminal B	Signal 1	
1L-A31			Mech Room (@HVAC Controls)	1L-A31	18	Black	Terminal A	Return	

  

Source Cable(s)					Source Wires				
Cable ID	Style	Circuit Branch Name / Function	Cable Origin	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A206	22-6	HVAC Upper Enable (ext)	White/CN-Panel/2	1L-A206	22	Blue	Signal	Signal 1	
				1L-A206	22	Brown	Return	Return	

Mech Room: Off Peak Discrete - Upper AC

**Spare Cable Group** "Spare 120v/240v Cables" Tag Number  
na

**Not Connected / 1**

Spare Cable Group

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				<i>Device Connection</i>
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-82 1L-82	10-2	Mech Room: spare (Yellow/CB to White/GP 1)	22 Yellow/CB-Panel/Line					

**Mech Room: spare (Yellow/CB to White/GP 1)**

**Not Connected / 2**

Spare Cable Group

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				<i>Device Connection</i>
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-83 1L-83	10-2	Mech Room: spare (Yellow/CB to White/GP 1)	22 Yellow/CB-Panel/Line					

**Mech Room: spare (Yellow/CB to White/GP 1)**

