

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
1A-A02 To/From: "Elk Keypad 1A" Cat 5 (M1)			
White/Green "B1"	1A-A02 BR 5 Alcove: Security Keypad Data (11)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 1 B1
Green "A1"	1A-A02 BR 5 Alcove: Security Keypad Data (11)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 1 A1
White/Orange "B"	1A-A02 BR 5 Alcove: Security Keypad Data (11)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 1 B
Orange "A"	1A-A02 BR 5 Alcove: Security Keypad Data (11)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 1 A
White/Brown "_"	1A-A02 BR 5 Alcove: Security Keypad Data (11)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 1 Neg
Brown "+"	1A-A02 BR 5 Alcove: Security Keypad Data (11)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 1 +12
1A-A03 To/From: "@BR 5 Alcove" 18-4			
Black "Speaker -"	1A-A04 BR 5 Alcove: Alarm Speaker	"Alarm Speaker 70v Step-up Transformer" 5	Transformer, 70v Audio, 4Ω, 10W Audio Out / Com (4)
Red "Speaker +"	1A-A04 BR 5 Alcove: Alarm Speaker	"Alarm Speaker 70v Step-up Transformer" 5	Transformer, 70v Audio, 4Ω, 10W Audio Out / 10W (2)
White "Return"	1A-A03 BR 5 Alcove: Alarm Strobe	"Strobe 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 400ma Power Output / POWER 2 - NEG
Green "Switched"	1A-A03 BR 5 Alcove: Alarm Strobe	"Strobe 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 400ma Power Output / POWER 2 - POS
1A-S01 To/From: BR 5 22-6			
Black "Return"	1A-S01 BR 5: Window (R)	"Window Status 1" 1	9-Zone Combiner / Indicator #2 OR (1-3) Input / Neg
Red "Signal"	1A-S01 BR 5: Window (R)	"Window Status 1" 1	9-Zone Combiner / Indicator #2 OR (1-3) Input / In 1
White "Signal"	1A-S14 BR 5: Window Intrusion (R)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (7-9) Input / In 8
Green "Return"	1A-S14 BR 5: Window Intrusion (R)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (7-9) Input / Neg
1A-S03 To/From: BR 5 22-2			
Black "Signal Return"	1A-S03 BR 5: Bathroom Door	"Energy Management Pass-Thru Set" 2	Pass-Thru, Signal Set Input / Splice #1A
Red "Signal"	1A-S03 BR 5: Bathroom Door	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Input / Signal #1
1A-S07/15 To/From: BR 4/5 Bath 22-6			
Black "Return"	1A-S07 BR 4/5 Bath: Window Sash	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / NEG

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
Red "Signal"	1A-S07 BR 4/5 Bath: Window Sash	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / Z08
White "Signal"	1A-S15 BR 4/5 Bath: Window Intrusion	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (7-9) Input / In 9
Green "Return"	1A-S15 BR 4/5 Bath: Window Intrusion	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (7-9) Input / Neg
1A-S08 To/From: "Motion@BR 4/5 Bath" 22-4			
Black "12 V Return"	1A-P08 BR 4/5 Bath: Motion Detector (Power)	"General 12 Vdc Power Distribution" 2	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 3 - NEG
Red "+12 Vdc"	1A-P08 BR 4/5 Bath: Motion Detector (Power)	"General 12 Vdc Power Distribution" 2	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 3 - POS
White "Signal Return"	1A-S08 BR 4/5 Bath: Motion Detector (Signal)	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Input / Return
Green "Signal"	1A-S08 BR 4/5 Bath: Motion Detector (Signal)	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Input / Signal #3
1A-S10 To/From: BR 4/5 Bath Toilet 22-2			
Black "Terminal A"	1A-S10 BR 4/5 Bath Toilet: Water Sensor Chain	"Water Detector Serving BR 4/5 Bath" 1	Detector, Water #1 Sensor Input / 3 (Input A)
Red "Terminal B"	1A-S10 BR 4/5 Bath Toilet: Water Sensor Chain	"Water Detector Serving BR 4/5 Bath" 1	Detector, Water #1 Sensor Input / 4 (Input B)
1A-S11/12 To/From: "Smoke@BR 5 Alcove" & Another 22-6			
Black "Common"	1A-S11 BR 5 Alcove: Smoke Detector (Signal)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / NEG
	1A-S12 BR 5: CO Detector (Signal)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / NEG
	1A-P11 BR 5 Alcove: Smoke Detector (Power)	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power Output / POWER 8 - NEG
	1A-P12 BR 5: CO Detector (Power)	"General 12 Vdc Power Distribution" 3	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 2 - NEG
	1A-S16 BR 5: CO Detector (Trouble)	"Trouble Indicator" 1	9-Zone Combiner / Indicator #1 OR (1-9) Input / Neg
Red "+12 Vdc (Smoke)"	1A-P11 BR 5 Alcove: Smoke Detector (Power)	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power Output / POWER 8 - POS
White "CO Trouble Signal"	1A-S16 BR 5: CO Detector (Trouble)	"Trouble Indicator" 1	9-Zone Combiner / Indicator #1 OR (1-9) Input / In 1
Green "Smoke Signal"	1A-S11 BR 5 Alcove: Smoke Detector (Signal)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / Z06
Brown "+12 Vdc Power"	1A-P12 BR 5: CO Detector (Power)	"General 12 Vdc Power Distribution" 3	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 2 - POS
Blue "CO Signal"	1A-S12 BR 5: CO Detector (Signal)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / Z07

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
1A-S14 To/From: BR 5 22-4			
Black "Return"	1A-S02 BR 5: Window (L)	"Window Status 1" 1	9-Zone Combiner / Indicator #2 OR (1-3) Input / Neg
Red "Signal"	1A-S02 BR 5: Window (L)	"Window Status 1" 1	9-Zone Combiner / Indicator #2 OR (1-3) Input / In 2
White "Signal"	1A-S17 BR 5: Window Intrusion (L)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (7-9) Input / In 7
Green "Return"	1A-S17 BR 5: Window Intrusion (L)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (7-9) Input / Neg
1B-A02 To/From: "Elk Keypad 1B" Cat 5 (M1)			
White/Green "B1"	1B-A02 BR 4: Security Keypad Data (10)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 2 B1
Green "A1"	1B-A02 BR 4: Security Keypad Data (10)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 2 A1
White/Orange "B"	1B-A02 BR 4: Security Keypad Data (10)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 2 B
Orange "A"	1B-A02 BR 4: Security Keypad Data (10)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 2 A
White/Brown " "	1B-A02 BR 4: Security Keypad Data (10)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 2 Neg
Brown "±"	1B-A02 BR 4: Security Keypad Data (10)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 2 +12
1B-A03 To/From: "@BR 4" 18-4			
Black "Speaker-"	1B-A04 BR 4: Alarm Speaker	"Alarm Speaker 70v Step-up Transformer" 5	Transformer, 70v Audio, 4Ω, 10W Audio Out / Com (4)
Red "Speaker+"	1B-A04 BR 4: Alarm Speaker	"Alarm Speaker 70v Step-up Transformer" 5	Transformer, 70v Audio, 4Ω, 10W Audio Out / 10W (2)
White "Return"	1B-A03 BR 4: Alarm Strobe	"Strobe 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 400ma Power Output / POWER 3 - NEG
Green "Switched"	1B-A03 BR 4: Alarm Strobe	"Strobe 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 400ma Power Output / POWER 3 - POS
1B-S01/11 To/From: BR 4 Desk 22-6			
Black "Return"	1B-S01 BR 4 Desk: Desk Window	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / NEG
Red "Signal"	1B-S01 BR 4 Desk: Desk Window	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / Z08
White "Signal"	1B-S11 BR 4 Desk: Window Intrusion	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (4-6) Input / In 6

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
Green "Return"	1B-S11 BR 4 Desk: Window Intrusion	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (4-6) Input / Neg
1B-S02 To/From: BR 4 22-2			
Black "Signal Return"	1B-S02 BR 4: Bathroom Door	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Input / Return
Red "Signal"	1B-S02 BR 4: Bathroom Door	"Energy Management Pass-Thru Set" 2	Pass-Thru, Signal Set Input / Splice #1A
1B-S04 To/From: "Smoke@BR 4" & Another 22-6			
Black "Common"	1B-S04 BR 4: Smoke Detector (Signal)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / NEG
	1B-S05 BR 4: CO Detector (Signal)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / NEG
	1B-P04 BR 4: Smoke Detector (Power)	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power Output / POWER 9 - NEG
	1B-P05 BR 4: CO Detector (Power)	"General 12 Vdc Power Distribution" 3	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 2 - NEG
	1B-S07 BR 4: CO Detector (Trouble)	"Trouble Indicator" 1	9-Zone Combiner / Indicator #1 OR (1-9) Input / Neg
Red "+12 Vdc (Smoke)"	1B-P04 BR 4: Smoke Detector (Power)	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power Output / POWER 9 - POS
White "CO Trouble Signal"	1B-S07 BR 4: CO Detector (Trouble)	"Trouble Indicator" 1	9-Zone Combiner / Indicator #1 OR (1-9) Input / In 2
Green "Smoke Signal"	1B-S04 BR 4: Smoke Detector (Signal)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / Z10
Brown "+12 Vdc Power"	1B-P05 BR 4: CO Detector (Power)	"General 12 Vdc Power Distribution" 3	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 2 - POS
Blue "CO Signal"	1B-S05 BR 4: CO Detector (Signal)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / Z11
1B-S08 To/From: BR 4 22-6			
Black "Return"	1B-S12 BR 4: Window Intrusion (R)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (4-6) Input / Neg
Red "Signal"	1B-S08 BR 4: Window (R)	"Window Status 1" 1	9-Zone Combiner / Indicator #2 OR (4-6) Input / In 4
White "Return"	1B-S08 BR 4: Window (R)	"Window Status 1" 1	9-Zone Combiner / Indicator #2 OR (4-6) Input / Neg
Green "Signal"	1B-S12 BR 4: Window Intrusion (R)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (4-6) Input / In 5
1B-S10 To/From: BR 4 22-4			
Black "Return"	1B-S09 BR 4: Window (L)	"Window Status 1" 1	9-Zone Combiner / Indicator #2 OR (4-6) Input / Neg

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
Red "Signal"	1B-S09 BR 4: Window (L)	"Window Status 1" 1	9-Zone Combiner / Indicator #2 OR (4-6) Input / In 5
White "Signal"	1B-S10 BR 4: Window Intrusion (L)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (4-6) Input / In 4
Green "Return"	1B-S10 BR 4: Window Intrusion (L)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (4-6) Input / Neg
1C-26	To/From: "Red/CB-Panel" & Others		14-2
White "Neutral"	1C-26 "Red" Controller Panels	"Duplex Outlet, Line Power" 1	Outlet, Duplex (15A) Power In (120 Vac) / Neutral
Black "Hot"	1C-26 "Red" Controller Panels	"Duplex Outlet, Line Power" 1	Outlet, Duplex (15A) Power In (120 Vac) / Hot
1C-A01	To/From: "@Long Hall"		18-4
Black "Speaker -"	1C-A01 Long Hall: Alarm Speaker	"Alarm Speaker 70v Step-up Transformer" 5	Transformer, 70v Audio, 4Ω, 10W Audio Out / Com (4)
Red "Speaker +"	1C-A01 Long Hall: Alarm Speaker	"Alarm Speaker 70v Step-up Transformer" 5	Transformer, 70v Audio, 4Ω, 10W Audio Out / 10W (2)
White "Return"	1C-A17 Long Hall: Alarm Strobe	"Strobe 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 400ma Power Output / POWER 4 - NEG
Green "Switched"	1C-A17 Long Hall: Alarm Strobe	"Strobe 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 400ma Power Output / POWER 4 - POS
1C-A03	To/From: "White/CN-Panel/1"		22-4 (S)
Black "Return"	1C-A03 Red: Inside Strobe Pilot	"Inside Alarm Strobe Relay" 1	Relay, SPDT 12 Vdc Compact #1 Control In / Coil (-)
	1C-A07 Red: Smoke Power Pilot	"Smoke Power Relay" 1	Relay, SPDT 12 Vdc Compact #2 Control In / Coil (-)
Red "Strobe Signal"	1C-A03 Red: Inside Strobe Pilot	"Inside Alarm Strobe Relay" 1	Relay, SPDT 12 Vdc Compact #1 Control In / Coil (+)
White "Smoke Signal"	1C-A07 Red: Smoke Power Pilot	"Smoke Power Relay" 1	Relay, SPDT 12 Vdc Compact #2 Control In / Coil (+)
1C-A04	To/From: "White/CN-Panel/2"		14-4
Black "12 Vdc Return"	1C-A04 Panel LV Power Supply Input	"12 Vdc Power Input Point" 2	Power Connection Point #1 Power In / Return
Red "+12 Vdc"	1C-A04 Panel LV Power Supply Input	"12 Vdc Power Input Point" 1	Power Connection Point #1 Power In / Supply
Green "Common"	1C-A19 Red: Single-point Common	"12 Vdc Power Input Point" 2	Power Connection Point #1 Power In / Return
1C-A05	To/From: "White/CN-Panel/2"		22-4 (S)
Black "Sense -"	1C-A05 Panel LV Power Supply Sense	"12 Vdc Power Input Point" 1	Power Connection Point #1 Power Output / Return 1

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
Red "Sense +"	1C-A05 Panel LV Power Supply Sense	"12 Vdc Power Input Point" 1	Power Connection Point #1 Power Output / Load 1
1C-A08 To/From: No External Connections 18-2			
Black "Return"	1C-A08 Switched Smoke Power	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power In (12 Vdc) / NEG
	1C-A08 Switched Smoke Power	"Smoke Power Relay" 1	Relay, SPDT 12 Vdc Compact #2 Relay NO / Return
Red "Switched"	1C-A08 Switched Smoke Power	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power In (12 Vdc) / POS
	1C-A08 Switched Smoke Power	"Smoke Power Relay" 1	Relay, SPDT 12 Vdc Compact #2 Relay NO / NO
1C-A09 To/From: No External Connections 18-2			
Black "Return"	1C-A09 Switched Strobe Power	"Inside Alarm Strobe Relay" 1	Relay, SPDT 12 Vdc Compact #1 Relay NO / Return
	1C-A09 Switched Strobe Power	"Strobe 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 400ma Power In (12 Vdc) / NEG
Red "Switched"	1C-A09 Switched Strobe Power	"Inside Alarm Strobe Relay" 1	Relay, SPDT 12 Vdc Compact #1 Relay NO / NO
	1C-A09 Switched Strobe Power	"Strobe 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 400ma Power In (12 Vdc) / POS
1C-A10 To/From: No External Connections 18-2			
Black "12 Vdc Return"	1C-A10 12 Vdc Local Power Bus	"12 Vdc Power Input Point" 1	Power Connection Point #1 Power Output / Return 2
	1C-A10 12 Vdc Local Power Bus	"General 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #1 Power In (12 Vdc) / NEG
	1C-A10 12 Vdc Local Power Bus	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Power In (12 Vdc) / Neg
	1C-A10 12 Vdc Local Power Bus	"Inside Alarm Speaker Amplifier #2" 1	M1 Audio Amplifier Power In (12 Vdc) / Power (B)
	1C-A10 12 Vdc Local Power Bus	"Inside Alarm Strobe Relay" 1	Relay, SPDT 12 Vdc Compact #1 Relay Com (In) / Return
	1C-A10 12 Vdc Local Power Bus	"Smoke Power Relay" 1	Relay, SPDT 12 Vdc Compact #2 Relay Com (In) / Return
	1C-A10 12 Vdc Local Power Bus	"Trouble Indicator" 1	9-Zone Combiner / Indicator #1 Power In (12 Vdc) / Neg
	1C-A10 12 Vdc Local Power Bus	"Window Status 1" 1	9-Zone Combiner / Indicator #2 Power In (12 Vdc) / Neg
	1C-A10 12 Vdc Local Power Bus	"Window Status 2" 1	9-Zone Combiner / Indicator #3 Power In (12 Vdc) / Neg

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
Red "+12 Vdc"	1C-A10 12 Vdc Local Power Bus	"12 Vdc Power Input Point" 1	Power Connection Point #1 Power Output / Load 2
	1C-A10 12 Vdc Local Power Bus	"General 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #1 Power In (12 Vdc) / POS
	1C-A10 12 Vdc Local Power Bus	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Power In (12 Vdc) / +12
	1C-A10 12 Vdc Local Power Bus	"Inside Alarm Speaker Amplifier #2" 1	M1 Audio Amplifier Power In (12 Vdc) / Power (A)
	1C-A10 12 Vdc Local Power Bus	"Inside Alarm Strobe Relay" 1	Relay, SPDT 12 Vdc Compact #1 Relay Com (In) / COM
	1C-A10 12 Vdc Local Power Bus	"Smoke Power Relay" 1	Relay, SPDT 12 Vdc Compact #2 Relay Com (In) / COM
	1C-A10 12 Vdc Local Power Bus	"Trouble Indicator" 1	9-Zone Combiner / Indicator #1 Power In (12 Vdc) / +12 V
	1C-A10 12 Vdc Local Power Bus	"Window Status 1" 1	9-Zone Combiner / Indicator #2 Power In (12 Vdc) / +12 V
	1C-A10 12 Vdc Local Power Bus	"Window Status 2" 1	9-Zone Combiner / Indicator #3 Power In (12 Vdc) / +12 V
	1C-A11 To/From: "Red/GP-Panel" 22-6		
Black "Return"	1C-P05 Radon Blower Current OK (Power)	"General 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 7 - NEG
Red "+12 Vdc"	1C-P05 Radon Blower Current OK (Power)	"General 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 7 - POS
White "Signal Return"	1C-A11 Radon Blower Trouble	"Trouble Indicator" 1	9-Zone Combiner / Indicator #1 OR (1-9) Input / Neg
Green "Signal"	1C-A11 Radon Blower Trouble	"Trouble Indicator" 1	9-Zone Combiner / Indicator #1 OR (1-9) Input / In 5
1C-A12 To/From: No External Connections 22-2			
Black "Return"	1C-A12 BR4: Window Intrusion (All)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / NEG
	1C-A12 BR4: Window Intrusion (All)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (4-6) Output / Neg
Red "Signal"	1C-A12 BR4: Window Intrusion (All)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / Z14
	1C-A12 BR4: Window Intrusion (All)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (4-6) Output / Out 4-6
1C-A13 To/From: No External Connections 22-2			
Black "Return"	1C-A13 BR5&Bath: Window Intrusion (All)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / NEG
	1C-A13 BR5&Bath: Window Intrusion (All)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (7-9) Output / Neg
Red "Signal"	1C-A13 BR5&Bath: Window Intrusion (All)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / Z13
	1C-A13 BR5&Bath: Window Intrusion (All)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (7-9) Output / Out 7-9

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
1C-A15 To/From: "White/CN-Panel/6" 18-2			
Black "16 Vac A"	1C-A15 Master Closet Safe Power	"16 vac Wall Safe Power Pass-Thru" 1	Power Connection Point #2 Power In / Supply
Red "16 Vac B"	1C-A15 Master Closet Safe Power	"16 vac Wall Safe Power Pass-Thru" 1	Power Connection Point #2 Power In / Return
1C-A16 To/From: No External Connections Cat 5 (M1)			
White/Orange "B"	1C-A16 Data Bus Termination Resistor	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 8 B
	1C-A16 Data Bus Termination Resistor	"M1G Control Bus Termination Resistor" 1	Resistor, M1G Bus Term Input / B
Orange "A"	1C-A16 Data Bus Termination Resistor	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 8 A
	1C-A16 Data Bus Termination Resistor	"M1G Control Bus Termination Resistor" 1	Resistor, M1G Bus Term Input / A
1C-A18 To/From: No External Connections 18-2			
Black "Speaker -"	1C-A18 "Red" Alarm Amplifier Output	"Inside Alarm Speaker Amplifier #2" 1	M1 Audio Amplifier Output / Speaker (B)
	1C-A18 "Red" Alarm Amplifier Output	"Alarm Speaker 70v Step-up Transformer" 1	Transformer, 70v Audio, 4Ω, 10W Audio In / Com (8)
Red "Speaker +"	1C-A18 "Red" Alarm Amplifier Output	"Inside Alarm Speaker Amplifier #2" 1	M1 Audio Amplifier Output / Speaker (A)
	1C-A18 "Red" Alarm Amplifier Output	"Alarm Speaker 70v Step-up Transformer" 1	Transformer, 70v Audio, 4Ω, 10W Audio In / 4Ω (6)
1C-A20 To/From: No External Connections 22-2			
Black "Return"	1C-A20 Red Utility Closet: Sensor Trouble	"Trouble Indicator" 1	9-Zone Combiner / Indicator #1 OR (1-9) Output / Neg
	1C-A20 Red Utility Closet: Sensor Trouble	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / NEG
Red "Signal"	1C-A20 Red Utility Closet: Sensor Trouble	"Trouble Indicator" 1	9-Zone Combiner / Indicator #1 OR (1-9) Output / Out 1-9
	1C-A20 Red Utility Closet: Sensor Trouble	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / Z05
1C-A25 To/From: No External Connections 22-2			
Black "Return"	1C-A25 BR 5: Windows (All)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / NEG
	1C-A25 BR 5: Windows (All)	"Window Status 1" 1	9-Zone Combiner / Indicator #2 OR (1-3) Output / Neg
Red "Signal"	1C-A25 BR 5: Windows (All)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / Z09
	1C-A25 BR 5: Windows (All)	"Window Status 1" 1	9-Zone Combiner / Indicator #2 OR (1-3) Output / Out 1-3

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
1C-A26 To/From: No External Connections 22-2			
Black "Return"	1C-A26 BR 4: Windows (All)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / NEG
	1C-A26 BR 4: Windows (All)	"Window Status 1" 1	9-Zone Combiner / Indicator #2 OR (4-6) Output / Neg
Red "Signal"	1C-A26 BR 4: Windows (All)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / Z12
	1C-A26 BR 4: Windows (All)	"Window Status 1" 1	9-Zone Combiner / Indicator #2 OR (4-6) Output / Out 4-6
1C-A27 To/From: No External Connections 22-2			
Black "Return"	1C-A27 Red Utility Closet: Master Closets: Windows (All)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / NEG
	1C-A27 Red Utility Closet: Master Closets: Windows (All)	"Window Status 1" 1	9-Zone Combiner / Indicator #2 OR (7-9) Output / Neg
Red "Signal"	1C-A27 Red Utility Closet: Master Closets: Windows (All)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / Z05
	1C-A27 Red Utility Closet: Master Closets: Windows (All)	"Window Status 1" 1	9-Zone Combiner / Indicator #2 OR (7-9) Output / Out 7-9
1C-A28 To/From: No External Connections 22-2			
Black "Return"	1C-A28 Master BR: Windows (All)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / NEG
	1C-A28 Master BR: Windows (All)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (1-3) Output / Neg
Red "Signal"	1C-A28 Master BR: Windows (All)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / Z06
	1C-A28 Master BR: Windows (All)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (1-3) Output / Out 1-3
1C-C06 To/From: "White/CN-Panel/1" Cat 5e			
Blue "Terminal A"	1C-C06 Red: Alarm Audio Line Level Drive	"Inside Alarm Speaker Amplifier #2" 1	M1 Audio Amplifier Audio In / Input (A)
White/Blue "Terminal B"	1C-C06 Red: Alarm Audio Line Level Drive	"Inside Alarm Speaker Amplifier #2" 1	M1 Audio Amplifier Audio In / Input (B)
1C-C09 To/From: No External Connections Cat 5 (M1)			
White/Green "B1"	1C-C09 M1G Data Bus - Input Expander 5-1 (02)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Data Bus / B1
	1C-C09 M1G Data Bus - Input Expander 5-1 (02)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 5 B1
Green "A1"	1C-C09 M1G Data Bus - Input Expander 5-1 (02)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Data Bus / A1
	1C-C09 M1G Data Bus - Input Expander 5-1 (02)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 5 A1
White/Orange "B"	1C-C09 M1G Data Bus - Input Expander 5-1 (02)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Data Bus / B
	1C-C09 M1G Data Bus - Input Expander 5-1 (02)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 5 B

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
Orange "A"	1C-C09 M1G Data Bus - Input Expander 5-1 (02)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Data Bus / A
	1C-C09 M1G Data Bus - Input Expander 5-1 (02)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 5 A
White/Brown "-"	1C-C09 M1G Data Bus - Input Expander 5-1 (02)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Data Bus / Neg
	1C-C09 M1G Data Bus - Input Expander 5-1 (02)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 5 Neg
Brown "+"	1C-C09 M1G Data Bus - Input Expander 5-1 (02)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Data Bus / +12
	1C-C09 M1G Data Bus - Input Expander 5-1 (02)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 5 +12
1C-C10		To/From: No External Connections	Cat 5 (M1)
White/Green "B1"	1C-C10 M1G Data Bus - Input Expander 5-2 (03)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Data Bus / B1
	1C-C10 M1G Data Bus - Input Expander 5-2 (03)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 6 B1
Green "A1"	1C-C10 M1G Data Bus - Input Expander 5-2 (03)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Data Bus / A1
	1C-C10 M1G Data Bus - Input Expander 5-2 (03)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 6 A1
White/Orange "B"	1C-C10 M1G Data Bus - Input Expander 5-2 (03)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Data Bus / B
	1C-C10 M1G Data Bus - Input Expander 5-2 (03)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 6 B
Orange "A"	1C-C10 M1G Data Bus - Input Expander 5-2 (03)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Data Bus / A
	1C-C10 M1G Data Bus - Input Expander 5-2 (03)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 6 A
White/Brown "-"	1C-C10 M1G Data Bus - Input Expander 5-2 (03)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Data Bus / Neg
	1C-C10 M1G Data Bus - Input Expander 5-2 (03)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 6 Neg
Brown "+"	1C-C10 M1G Data Bus - Input Expander 5-2 (03)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Data Bus / +12
	1C-C10 M1G Data Bus - Input Expander 5-2 (03)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 6 +12
1C-C11		To/From: No External Connections	Cat 5 (M1)
White/Green "B1"	1C-C11 M1G Data Bus - Input Expander 5-3 (04)	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Data Bus / B1
	1C-C11 M1G Data Bus - Input Expander 5-3 (04)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 7 B1

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
Green "A1"	1C-C11 M1G Data Bus - Input Expander 5-3 (04)	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Data Bus / A1
	1C-C11 M1G Data Bus - Input Expander 5-3 (04)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 7 A1
White/Orange "B"	1C-C11 M1G Data Bus - Input Expander 5-3 (04)	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Data Bus / B
	1C-C11 M1G Data Bus - Input Expander 5-3 (04)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 7 B
Orange "A"	1C-C11 M1G Data Bus - Input Expander 5-3 (04)	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Data Bus / A
	1C-C11 M1G Data Bus - Input Expander 5-3 (04)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 7 A
White/Brown "_"	1C-C11 M1G Data Bus - Input Expander 5-3 (04)	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Data Bus / Neg
	1C-C11 M1G Data Bus - Input Expander 5-3 (04)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 7 Neg
Brown "+"	1C-C11 M1G Data Bus - Input Expander 5-3 (04)	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Data Bus / +12
	1C-C11 M1G Data Bus - Input Expander 5-3 (04)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 7 +12
1C-C12		To/From: No External Connections	Cat 5 (M1)
White/Green "B1"	1C-C12 M1G Data Bus - Output Expander 5-1 (06)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 4 B1
	1C-C12 M1G Data Bus - Output Expander 5-1 (06)	"Output Expander 5-1 (06)" 1	M1 Output Expander 8 Voltage / 8 Relay Data Bus / B1
Green "A1"	1C-C12 M1G Data Bus - Output Expander 5-1 (06)	"Output Expander 5-1 (06)" 1	M1 Output Expander 8 Voltage / 8 Relay Data Bus / A1
	1C-C12 M1G Data Bus - Output Expander 5-1 (06)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 4 A1
White/Orange "B"	1C-C12 M1G Data Bus - Output Expander 5-1 (06)	"Output Expander 5-1 (06)" 1	M1 Output Expander 8 Voltage / 8 Relay Data Bus / B
	1C-C12 M1G Data Bus - Output Expander 5-1 (06)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 4 B
Orange "A"	1C-C12 M1G Data Bus - Output Expander 5-1 (06)	"Output Expander 5-1 (06)" 1	M1 Output Expander 8 Voltage / 8 Relay Data Bus / A
	1C-C12 M1G Data Bus - Output Expander 5-1 (06)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 4 A
White/Brown "_"	1C-C12 M1G Data Bus - Output Expander 5-1 (06)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 4 Neg
	1C-C12 M1G Data Bus - Output Expander 5-1 (06)	"Output Expander 5-1 (06)" 1	M1 Output Expander 8 Voltage / 8 Relay Data Bus / NEG
1C-C13		To/From: "Green/CN-Panel"	Cat 5 (M1)
White/Orange "B"	1C-C13 M1G Data Bus (Green to Red)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus In / B

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
Orange "A"	1C-C13 M1G Data Bus (Green to Red)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus In / A
White/Brown "_"	1C-C13 M1G Data Bus (Green to Red)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus In / Neg
1C-P01		To/From: No External Connections	22-2
Black "12 V Return"	1C-P01 Water Detector Power	"General 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 5 - NEG
	1C-P01 Water Detector Power	"Water Detector Serving BR 4/5 Bath" 1	Detector, Water #1 Power In (12 Vdc) / 2 (Gnd)
	1C-P01 Water Detector Power	"Water Detector Serving Master Bath & Study Wet Bar" 1	Detector, Water #2 Power In (12 Vdc) / 2 (Gnd)
Red "+12 Vdc"	1C-P01 Water Detector Power	"General 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 5 - POS
	1C-P01 Water Detector Power	"Water Detector Serving BR 4/5 Bath" 1	Detector, Water #1 Power In (12 Vdc) / 1 (V+)
	1C-P01 Water Detector Power	"Water Detector Serving Master Bath & Study Wet Bar" 1	Detector, Water #2 Power In (12 Vdc) / 1 (V+)
1C-S01		To/From: No External Connections	22-2
Black "Signal Return"	1C-S01 Water Detector (BR 4/5 Bath) (Signal)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / NEG
	1C-S01 Water Detector (BR 4/5 Bath) (Signal)	"Water Detector Serving BR 4/5 Bath" 1	Detector, Water #1 Contact Pair, NC / 5 (Relay Com)
Red "Signal"	1C-S01 Water Detector (BR 4/5 Bath) (Signal)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / Z04
	1C-S01 Water Detector (BR 4/5 Bath) (Signal)	"Water Detector Serving BR 4/5 Bath" 1	Detector, Water #1 Contact Pair, NC / 7 (Relay NC)
1C-S02		To/From: No External Connections	22-2
Black "Signal Return"	1C-S02 Water Detector (Master Bath & Wet Bar) (Signal)	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / NEG
	1C-S02 Water Detector (Master Bath & Wet Bar) (Signal)	"Water Detector Serving Master Bath & Study Wet Bar" 1	Detector, Water #2 Contact Pair, NC / 5 (Relay Com)
Red "Signal"	1C-S02 Water Detector (Master Bath & Wet Bar) (Signal)	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / Z10
	1C-S02 Water Detector (Master Bath & Wet Bar) (Signal)	"Water Detector Serving Master Bath & Study Wet Bar" 1	Detector, Water #2 Contact Pair, NC / 7 (Relay NC)
1C-S03		To/From: Red Utility Closet	22-2
Black "Signal Return"	1C-S03 Red Utility Closet: Door	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / NEG
Red "Signal"	1C-S03 Red Utility Closet: Door	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / Z11
1C-S06		To/From: "Motion@Long Hall"	22-4
Black "12 V Return"	1C-P06 Long Hall: Motion Detector (Power)	"General 12 Vdc Power Distribution" 2	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 4 - NEG






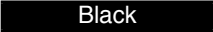









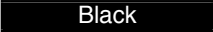

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
Red "+12 Vdc"	1C-P06 Long Hall: Motion Detector (Power)	"General 12 Vdc Power Distribution" 2	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 4 - POS
White "Signal Return"	1C-S06 Long Hall: Motion Detector (Signal)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / NEG
Green "Signal"	1C-S06 Long Hall: Motion Detector (Signal)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / Z12
1C-S07/08 To/From: "Smoke@Long Hall" & Another 22-6			
Black "Common"	1C-S07 Long Hall: Smoke Detector (Signal)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / NEG
	1C-S08 Long Hall: CO Detector (Signal)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / NEG
	1C-P07 Long Hall: Smoke Detector (Power)	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power Output / POWER 7 - NEG
	1C-P08 Long Hall: CO Detector (Power)	"General 12 Vdc Power Distribution" 2	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 4 - NEG
	1C-S10 Long Hall: CO Detector (Trouble)	"Trouble Indicator" 1	9-Zone Combiner / Indicator #1 OR (1-9) Input / Neg
Red "+12 Vdc (Smoke)"	1C-P07 Long Hall: Smoke Detector (Power)	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power Output / POWER 7 - POS
White "CO Trouble Signal"	1C-S10 Long Hall: CO Detector (Trouble)	"Trouble Indicator" 1	9-Zone Combiner / Indicator #1 OR (1-9) Input / In 4
Green "Smoke Signal"	1C-S07 Long Hall: Smoke Detector (Signal)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / Z13
Brown "+12 Vdc"	1C-P08 Long Hall: CO Detector (Power)	"General 12 Vdc Power Distribution" 2	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 4 - POS
Blue "CO Signal"	1C-S08 Long Hall: CO Detector (Signal)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / Z14
1C-S09 To/From: "White/CN-Panel/2" 22-10			
Black "Ground"	1C-S09 BR 4/5 Bath: Doors (1A-S03/1B-S02)	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Output / Return
	1C-S11 Master Bath Doors (2B-S02 / 2A-S08)	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Output / Return
	1C-S14 BR 4/5 Bath: Motion Status (1A-S08)	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Output / Return
	1C-S15 Master Bath: Motion (1A-S07)	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Output / Return
	1C-S13 Master Closet Door	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Output / Return
White "Signal"	1C-S09 BR 4/5 Bath: Doors (1A-S03/1B-S02)	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Output / Signal #1
Green "Signal"	1C-S13 Master Closet Door	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Output / Signal #5

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
 "Signal"	1C-S11 Master Bath Doors (2B-S02 / 2A-S08)	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Output / Signal #2
 "Signal"	1C-S14 BR 4/5 Bath: Motion Status (1A-S08)	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Output / Signal #3
 "Signal"	1C-S15 Master Bath: Motion (1A-S07)	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Output / Signal #4
1D-S01 To/From: Fitness Room 22-2			
 "Signal Return"	1D-S01 Fitness Room: Door (S)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / NEG
 "Signal"	1D-S01 Fitness Room: Door (S)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / Z01
1D-S02 To/From: Fitness Room 22-2			
 "Signal Return"	1D-S02 Fitness Room: Door (N)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / NEG
 "Signal"	1D-S02 Fitness Room: Door (N)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / Z02
1D-S03 To/From: "Smoke@Fitness Room" 22-4			
 "12 V Return"	1D-P03 Fitness Room: Smoke Detector (Power)	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power Output / POWER 6 - NEG
 "+12 Vdc (Smoke)"	1D-P03 Fitness Room: Smoke Detector (Power)	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power Output / POWER 6 - POS
 "Signal Return"	1D-S03 Fitness Room: Smoke Detector (Signal)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / NEG
 "Signal"	1D-S03 Fitness Room: Smoke Detector (Signal)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / Z03
2A-A01 To/From: Master Closet 2 22-4			
 "Return"	2A-A01 Master Closet 2: Wall Safe Power	"16 vac Wall Safe Power Pass-Thru" 1	Power Connection Point #2 Power Output / Return 1
 "Power"	2A-A01 Master Closet 2: Wall Safe Power	"16 vac Wall Safe Power Pass-Thru" 1	Power Connection Point #2 Power Output / Load 1
 "Signal"	2A-A09 Master Closet 2: Safe Door	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / Z15
 "Return"	2A-A09 Master Closet 2: Safe Door	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / NEG
2A-A03 To/From: "@Master BR" 18-4			
 "Speaker -"	2A-A11 Master BR: Alarm Speaker	"Alarm Speaker 70v Step-up Transformer" 5	Transformer, 70v Audio, 4Ω, 10W Audio Out / Com (4)
 "Speaker +"	2A-A11 Master BR: Alarm Speaker	"Alarm Speaker 70v Step-up Transformer" 5	Transformer, 70v Audio, 4Ω, 10W Audio Out / 10W (2)

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
White "Return"	2A-A03 Master BR: Alarm Strobe	"Strobe 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 400ma Power Output / POWER 1 - NEG
Green "Switched"	2A-A03 Master BR: Alarm Strobe	"Strobe 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 400ma Power Output / POWER 1 - POS
2A-A04 To/From: "Elk Keypad 2A" Cat 5 (M1)			
White/Green "B1"	2A-A04 Master BR: Security Keypad Data (06)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 3 B1
Green "A1"	2A-A04 Master BR: Security Keypad Data (06)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 3 A1
White/Orange "B"	2A-A04 Master BR: Security Keypad Data (06)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 3 B
Orange "A"	2A-A04 Master BR: Security Keypad Data (06)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 3 A
White/Brown "_"	2A-A04 Master BR: Security Keypad Data (06)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 3 Neg
Brown "↓"	2A-A04 Master BR: Security Keypad Data (06)	"M1 Data Bus Hub 5" 1	M1 Data Bus Hub Data Bus / Port 3 +12
2A-A07 To/From: "@Master BR Hall" 18-4			
Black "Speaker -"	2A-A07 Master BR Hall: Alarm Speaker	"Alarm Speaker 70v Step-up Transformer" 5	Transformer, 70v Audio, 4Ω, 10W Audio Out / Com (4)
Red "Speaker +"	2A-A07 Master BR Hall: Alarm Speaker	"Alarm Speaker 70v Step-up Transformer" 5	Transformer, 70v Audio, 4Ω, 10W Audio Out / 10W (2)
White "Return"	2A-A10 Master BR Hall: Alarm Strobe	"Strobe 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 400ma Power Output / POWER 5 - NEG
Green "Switched"	2A-A10 Master BR Hall: Alarm Strobe	"Strobe 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 400ma Power Output / POWER 5 - POS
2A-S01 To/From: 22-2			
Black "Signal Return"	2A-S01 Master Closet 1: Window	"Window Status 1" 1	9-Zone Combiner / Indicator #2 OR (7-9) Input / Neg
Red "Signal"	2A-S01 Master Closet 1: Window	"Window Status 1" 1	9-Zone Combiner / Indicator #2 OR (7-9) Input / In 7
2A-S02>04 To/From: Master BR 22-4			
Black "Signal Return"	2A-S02 Master BR: Window Sash (L)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (1-3) Input / Neg
	2A-S03 Master BR: Window Sash (C)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (1-3) Input / Neg
	2A-S04 Master BR: Window Sash (R)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (1-3) Input / Neg
Red "Signal"	2A-S04 Master BR: Window Sash (R)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (1-3) Input / In 3

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
White "Left / Middle"	2A-S02 Master BR: Window Sash (L)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (1-3) Input / In 1
Green "Middle / Right"	2A-S03 Master BR: Window Sash (C)	"Window Status 2" 1	9-Zone Combiner / Indicator #3 OR (1-3) Input / In 2
2A-S05 To/From: Master BR 22-4			
White "Signal Return"	2A-S05 Master BR: Window Intrusion	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / NEG
Green "Signal"	2A-S05 Master BR: Window Intrusion	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / Z09
2A-S06/13 To/From: Master BR Foyer 22-2			
Black "Signal Return"	2A-S06 Master BR Foyer: Deck Door	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / NEG
Red "Signal"	2A-S06 Master BR Foyer: Deck Door	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / Z10
2A-S08 To/From: Master BR 22-2			
Black "Signal Return"	2A-S08 Master BR: Bathroom Door	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Input / Return
Red "Signal"	2A-S08 Master BR: Bathroom Door	"Energy Management Pass-Thru Set" 2	Pass-Thru, Signal Set Input / Splice #2A
2A-S10 To/From: Master Closet 1 22-2			
Black "Signal Return"	2A-S10 Master Closet 1: Door	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Input / Return
Red "Signal"	2A-S10 Master Closet 1: Door	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Input / Signal #5
2A-S12 To/From: Master Closet 2 22-2			
Black "Signal Return"	2A-S12 Master Closet 2: Window	"Window Status 1" 1	9-Zone Combiner / Indicator #2 OR (7-9) Input / Neg
Red "Signal"	2A-S12 Master Closet 2: Window	"Window Status 1" 1	9-Zone Combiner / Indicator #2 OR (7-9) Input / In 8
2A-S14 To/From: "Smoke@Master Closet 1" 22-4			
Black "12 V Return"	2A-P14 Master Closet 1: Smoke Detector (Power)	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power Output / POWER 3 - NEG
Red "+12 Vdc (Smoke)"	2A-P14 Master Closet 1: Smoke Detector (Power)	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power Output / POWER 3 - POS
White "Signal Return"	2A-S14 Master Closet 1: Smoke Detector (Signal)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / NEG
Green "Signal"	2A-S14 Master Closet 1: Smoke Detector (Signal)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / Z15

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
2A-S15 To/From: "Smoke@Master BR" 22-4			
Black "12 V Return"	2A-P15 Master BR: Smoke Detector (Power)	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power Output / POWER 4 - NEG
Red "+12 Vdc (Smoke)"	2A-P15 Master BR: Smoke Detector (Power)	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power Output / POWER 4 - POS
White "Signal Return"	2A-S15 Master BR: Smoke Detector (Signal)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / NEG
Green "Signal"	2A-S15 Master BR: Smoke Detector (Signal)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / Z16
2A-S16 To/From: "CO@Master BR" 22-4			
Black "Common"	2A-S16 Master BR: CO Detector (Signal)	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / NEG
	2A-P16 Master BR: CO Detector (Power)	"General 12 Vdc Power Distribution" 3	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 2 - NEG
	2A-S11 Master BR: CO Detector (Trouble)	"Trouble Indicator" 1	9-Zone Combiner / Indicator #1 OR (1-9) Input / Neg
Red "+12 Vdc"	2A-P16 Master BR: CO Detector (Power)	"General 12 Vdc Power Distribution" 3	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 2 - POS
White "CO Trouble Signal"	2A-S11 Master BR: CO Detector (Trouble)	"Trouble Indicator" 1	9-Zone Combiner / Indicator #1 OR (1-9) Input / In 3
Green "Signal"	2A-S16 Master BR: CO Detector (Signal)	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / Z01
2A-S17 To/From: "Smoke@Master BR Hall" 22-4			
Black "12 V Return"	2A-P17 Master BR Hall: Smoke Detector (Power)	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power Output / POWER 5 - NEG
Red "+12 Vdc (Smoke)"	2A-P17 Master BR Hall: Smoke Detector (Power)	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power Output / POWER 5 - POS
White "Signal Return"	2A-S17 Master BR Hall: Smoke Detector (Signal)	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / NEG
Green "Signal"	2A-S17 Master BR Hall: Smoke Detector (Signal)	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / Z02
2B-A01 To/From: Master Bath 22-8			
Black "Wire A"	2B-A01 Master Bath: Tub Control	"Control Logic for Master Bath Whirlpool Tub" 1	Tub Control Logic #1 Discrete Output / TBD 1
Red "Wire B"	2B-A01 Master Bath: Tub Control	"Control Logic for Master Bath Whirlpool Tub" 1	Tub Control Logic #1 Discrete Output / TBD 2
2B-S01 To/From: Master Bath 22-2			
Black "Signal Return"	2B-S01 Master Bath: Window	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / NEG

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
Red "Signal"	2B-S01 Master Bath: Window	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / Z03
2B-S02 To/From: Master Bath 22-2			
Black "Signal Return"	2B-S02 Master Bath: Wet Bar Door	"Energy Management Pass-Thru Set" 2	Pass-Thru, Signal Set Input / Splice #2A
Red "Signal"	2B-S02 Master Bath: Wet Bar Door	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Input / Signal #2
2B-S03 To/From: Study 22-2			
Black "Signal Return"	2B-S03 Study: Wet Bar Door	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / NEG
Red "Signal"	2B-S03 Study: Wet Bar Door	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / Z05
2B-S04 To/From: Study 22-2			
Black "Signal Return"	2B-S04 Study: Window	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / NEG
Red "Signal"	2B-S04 Study: Window	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / Z06
2B-S07 To/From: "Motion@Master Bath" 22-4			
Black "12 V Return"	2B-P07 Master Bath: Motion Detector (Power)	"General 12 Vdc Power Distribution" 2	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 3 - NEG
Red "+12 Vdc"	2B-P07 Master Bath: Motion Detector (Power)	"General 12 Vdc Power Distribution" 2	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 3 - POS
White "Signal Return"	2B-S07 Master Bath: Motion Detector (Signal)	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Input / Return
Green "Signal"	2B-S07 Master Bath: Motion Detector (Signal)	"Energy Management Pass-Thru Set" 1	Pass-Thru, Signal Set Input / Signal #4
2B-S10 To/From: "Smoke@Study" 22-4			
Black "12 V Return"	2B-P10 Study: Smoke Detector (Power)	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power Output / POWER 2 - NEG
Red "+12 Vdc (Smoke)"	2B-P10 Study: Smoke Detector (Power)	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power Output / POWER 2 - POS
White "Signal Return"	2B-S10 Study: Smoke Detector (Signal)	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / NEG
Green "Signal"	2B-S10 Study: Smoke Detector (Signal)	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / Z09
2B-S11 To/From: Study Wet Bar 22-2			
Black "Terminal A"	2B-S11 Study Wet Bar: Water Sensor Chain	"Water Detector Serving Master Bath & Study Wet Bar" 1	Detector, Water #2 Sensor Input / 3 (Input A)

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
Red "Terminal B"	2B-S11 Study Wet Bar: Water Sensor Chain	"Water Detector Serving Master Bath & Study Wet Bar" 1	Detector, Water #2 Sensor Input / 4 (Input B)
2B-S12 To/From: Master Toilet 22-2			
Black "Signal Return"	2B-S12 Master Toilet: Window	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / NEG
Red "Signal"	2B-S12 Master Toilet: Window	"Input Expander 5-3 (04)" 1	M1 16 Zone Input Module #3 Discrete In / Z07
2C-S06 To/From: "Glass@Great Room" 22-4			
Black "12 V Return"	2C-P06 Great Room: Glass Break Detector (Power)	"General 12 Vdc Power Distribution" 2	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 1 - NEG
Red "+12 Vdc"	2C-P06 Great Room: Glass Break Detector (Power)	"General 12 Vdc Power Distribution" 2	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 1 - POS
White "Signal Return"	2C-S06 Great Room: Glass Break Detector (Signal)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / NEG
Green "Signal"	2C-S06 Great Room: Glass Break Detector (Signal)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / Z07
2C-S10 To/From: "Smoke@Great Room" 22-4			
Black "12 V Return"	2C-P10 Great Room: Smoke Detector (Power)	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power Output / POWER 1 - NEG
Red "+12 Vdc"	2C-P10 Great Room: Smoke Detector (Power)	"Smoke Detector 12 Vdc Power Distribution" 1	Power Dist Module, 12Vdc, 250ma #2 Power Output / POWER 1 - POS
White "Signal Return"	2C-S10 Great Room: Smoke Detector (Signal)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / NEG
Green "Signal"	2C-S10 Great Room: Smoke Detector (Signal)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / Z04
2C-S12 To/From: "Motion@Great Room" 22-4			
Black "12 V Return"	2C-P12 Great Room: Motion Detector (Power)	"General 12 Vdc Power Distribution" 2	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 1 - NEG
Red "+12 Vdc"	2C-P12 Great Room: Motion Detector (Power)	"General 12 Vdc Power Distribution" 2	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 1 - POS
White "Signal Return"	2C-S12 Great Room: Motion Detector (Signal)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / NEG
Green "Signal"	2C-S12 Great Room: Motion Detector (Signal)	"Input Expander 5-2 (03)" 1	M1 16 Zone Input Module #2 Discrete In / Z08
2M-A03 To/From: Hot Tub Area 22-8			
Black "Wire A"	2M-A03 Hot Tub Area: Hot Tub Control	"Hot Tub Control Logic" 1	Tub Control Logic #1 Discrete Output / TBD 1
Red "Wire B"	2M-A03 Hot Tub Area: Hot Tub Control	"Hot Tub Control Logic" 1	Tub Control Logic #1 Discrete Output / TBD 2

Cable Wire Device Connections

Red/CN-Panel/D

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
4A-S10		To/From: "Heat Rate@Attic - ^ Upper Level"	22-6
Black "Power Return"	4A-P10 Attic - ^ Upper Level: Heat Rate-Of-Rise (Power)	"General 12 Vdc Power Distribution" 3	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 6 - NEG
Red "Power"	4A-P10 Attic - ^ Upper Level: Heat Rate-Of-Rise (Power)	"General 12 Vdc Power Distribution" 3	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 6 - POS
White "Return"	4A-S10 Attic - ^ Upper Level: Heat Rate-Of-Rise (Signal)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / NEG
Brown "Signal"	4A-S10 Attic - ^ Upper Level: Heat Rate-Of-Rise (Signal)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / Z01
4A-S11		To/From: "Heat Rate@Attic - ^ Laundry Rm"	22-6
Black "Power Return"	4A-P11 Attic - ^ Laundry Rm: Heat Rate-Of-Rise (Power)	"General 12 Vdc Power Distribution" 3	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 6 - NEG
Red "Power"	4A-P11 Attic - ^ Laundry Rm: Heat Rate-Of-Rise (Power)	"General 12 Vdc Power Distribution" 3	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 6 - POS
White "Return"	4A-S11 Attic - ^ Laundry Rm: Heat Rate-Of-Rise (Signal)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / NEG
Green "Signal"	4A-S11 Attic - ^ Laundry Rm: Heat Rate-Of-Rise (Signal)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / Z02
4A-S12		To/From: "Heat Rate@Attic - ^ Master BR"	22-6
Black "Power Return"	4A-P12 Attic - ^ Master BR: Heat Rate-Of-Rise (Power)	"General 12 Vdc Power Distribution" 3	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 6 - NEG
Red "Power"	4A-P12 Attic - ^ Master BR: Heat Rate-Of-Rise (Power)	"General 12 Vdc Power Distribution" 3	Power Dist Module, 12Vdc, 250ma #1 Power Output / POWER 6 - POS
White "Return"	4A-S12 Attic - ^ Master BR: Heat Rate-Of-Rise (Signal)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / NEG
Blue "Signal"	4A-S12 Attic - ^ Master BR: Heat Rate-Of-Rise (Signal)	"Input Expander 5-1 (02)" 1	M1 16 Zone Input Module #1 Discrete In / Z03