

**XL Fan Speed Cntrl Module** CentralIte: XL FSCB Tag Number 0043

**Fan Output / 1**

**Garage: Ceiling Fan**

XL Fan Speed Cntrl Module

Output Address = MCP:1-(7-1)145

Load Cable(s)				Load Cable Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2H-06 2H-06	14-4	Garage: Ceiling Fan	27 Garage	2H-06	14	Black	Field A	Fans-Hot 1
				2H-06	14	White	Field B	Fans-Neutral 1

**Fan Output / 2**

**Lakeside Room: Ceiling Fan**

XL Fan Speed Cntrl Module

Output Address = MCP:1-(7-1)146

Change

One other connection in panel.

Load Cable(s)				Load Cable Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2H-35 2H-35	14-2	Lakeside Room: Ceiling Fan	3 This Panel Only	2H-35	14	Black	Switched	Fans-Hot 2
				2H-35	14	White	Neutral	Fans-Neutral 2

**Fan Output / 3**

**Woodside Room: Ceiling Fan**

XL Fan Speed Cntrl Module

Output Address = MCP:1-(7-1)147

Change

One other connection in panel.

Load Cable(s)				Load Cable Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2H-37 2H-37	14-2	Woodside Room: Ceiling Fan	3 This Panel Only	2H-37	14	Black	Switched	Fans-Hot 3
				2H-37	14	White	Neutral	Fans-Neutral 3

**Fan Output / 4**

**[MCP:1-(7-1)148]**

XL Fan Speed Cntrl Module

Output na

Load Cable(s)				Length & Destination
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Length & Destination

**Line Input / 1**

**Garage: Ceiling Fan**

XL Fan Speed Cntrl Module

2 other connections in panel.

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2H-31 2H-31	14-2	Garage: Ceiling Fan	9 Orange/CB-Panel	2H-31	14	Black	Hot	Line-Hot 1
				2H-31	14	White	Neutral	Line-Neutral 1

**Line Input / 2**

**Garage: Ceiling Fan**

XL Fan Speed Cntrl Module

2 other connections in panel.

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2H-31 2H-31	14-2	Garage: Ceiling Fan	9 Orange/CB-Panel	2H-31	14	Black	Hot	Line-Hot 2
				2H-31	14	White	Neutral	Line-Neutral 2

**Line Input / 3**

**Garage: Ceiling Fan**

XL Fan Speed Cntrl Module

2 other connections in panel.

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2H-31 2H-31	14-2	Garage: Ceiling Fan	9 Orange/CB-Panel	2H-31	14	Black	Hot	Line-Hot 3
				2H-31	14	White	Neutral	Line-Neutral 3

Data Bus

XL Fan Speed Cntrl Module

Orange: FSCB Relay Control Bus

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
2H-C07 2H-C07	Cat 5 (XL-R)	Orange: MCP 2 - Relay Driver #8 Bus - Segment 2	26 Yellow/XL-FSCB	1G-C12	Cat 5e	Orange	1-WT	WT
1G-C12 1G-C12	Cat 5 (XL-R)	Blue: MCP 2 - Relay Driver #8 Bus - Segment 3	28 Blue/XL-FSCB	1G-C12	Cat 5e	Blue	2-BL	BL
				1G-C12	Cat 5e	Green	3-GR	GN
				1G-C12	Cat 5e	Brown	6-BK	BK
				2H-C07	Cat 5e	Orange	1-WT	WT
				2H-C07	Cat 5e	Blue	2-BL	BL
				2H-C07	Cat 5e	Green	3-GR	GN
				2H-C07	Cat 5e	Brown	6-BK	BK

**Ceiling Fan Relay Interface** JTJ: 1005 Tag Number  
0284

**Controls In**

**Orange: Fan Dir Control Signals**

Ceiling Fan Relay Interface

<i>Source Cable(s)</i>				<i>Source Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2H-A03 2H-A03	22-10	Orange: Fan Dir Control Signals	27 Yellow/CN-Panel/2	2H-A03	22	Red	X1L	RL1-L
				2H-A03	22	White	X1R	RL1-R
				2H-A03	22	Green	X2L	RL2-L
				2H-A03	22	Brown	X2R	RL2-R
				2H-A03	22	Blue	X3L	RL3-L
				2H-A03	22	Orange	X3R	RL3-R
				2H-A03	22	Yellow	X4L	RL4-L
				2H-A03	22	Violet	X4R	RL4-R
				2H-A03	22	Gray	(spare)	nc
				2H-A03	22	Black	Select	Com

**Discrete Output / Relay 1**

*One other connection in panel.*

**Garage: Direction Control - Lakeside Room**

Ceiling Fan Relay Interface

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2H-A32 2H-A32	22-4	Garage: Direction Control - Lakeside Room	3 This Panel Only	2H-A32	22	Red	Latch	Relay 1 - Latch
				2H-A32	22	Black	Com	Relay 1 - Com
				2H-A32	22	Green	Com	Relay 1 - Com
				2H-A32	22	White	Reset	Relay 1 - Reset

**Discrete Output / Relay 2**

*One other connection in panel.*

**Garage: Direction Control - Woodside Room**

Ceiling Fan Relay Interface

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2H-A33 2H-A33	22-4	Garage: Direction Control - Woodside Room	3 This Panel Only	2H-A33	22	Red	Latch	Relay 2 - Latch
				2H-A33	22	Black	Com	Relay 2 - Com
				2H-A33	22	Green	Com	Relay 2 - Com
				2H-A33	22	White	Reset	Relay 2 - Reset

<b>Relay, Fan Direction Control (1 of 2)</b>	"Fan Direction Relay (Lakeside Room)"	Potter & Brumfield: KUL-11D15D-24	Tag Number 1002
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**Power In (120 Vac)**

*One other connection in panel.*

*Lakeside Room: Ceiling Fan*

Relay, Fan Direction Control #1

*Output Address =* MCP:1-(7-1)146

<i>Source Cable(s)</i>				<i>Source Wires</i>					<b>Device Connection</b>
Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
2H-35	14-2	Lakeside Room: Ceiling Fan	3	2H-35	14	Black	Switched	3 & 4 (Line)	
2H-35			This Panel Only	2H-35	14	White	Neutral	1 & 6 (Neutral)	

**Power Output**

*Lakeside Rm: Ceiling Fan*

Relay, Fan Direction Control #1

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>					<b>Device Connection</b>
Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
3A-12	14-4	Lakeside Rm: Ceiling Fan	34	3A-12	14	White	Field A	1 & 6 (Neutral)	
3A-12			Lakeside Rm	3A-12	14	Black	Field B	3 & 4 (Line)	
				3A-12	14	Red	Phase A	7 (Out A)	
				3A-12	14	Blue	Phase B	9 (Out B)	

**Control In**

*One other connection in panel.*

*Garage: Direction Control - Lakeside Room*

Relay, Fan Direction Control #1

<i>Source Cable(s)</i>				<i>Source Wires</i>					<b>Device Connection</b>
Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
2H-A32	22-4	Garage: Direction Control - Lakeside Room	3	2H-A32	22	Red	Latch	A (Latch -)	
2H-A32			This Panel Only	2H-A32	22	Black	Com	B (Latch +)	
				2H-A32	22	Green	Com	8 (Reset +)	
				2H-A32	22	White	Reset	5 (Reset -)	

<b>Relay, Fan Direction Control (2 of 2)</b>	"Fan Direction Relay (Woodside Room)"	Potter & Brumfield: KUL-11D15D-24	Tag Number 1003
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**Power In (120 Vac)**

One other connection in panel.

Woodside Room: Ceiling Fan

Relay, Fan Direction Control #2

Output Address = MCP:1-(7-1)147

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2H-37	14-2	Woodside Room: Ceiling Fan	3	2H-37	14	Black	Switched	3 & 4 (Line)
2H-37			This Panel Only	2H-37	14	White	Neutral	1 & 6 (Neutral)

**Power Output**

Woodside Rm: Ceiling Fan

Relay, Fan Direction Control #2

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
3A-13	14-4	Woodside Rm: Ceiling Fan	35	3A-13	14	White	Field A	1 & 6 (Neutral)
3A-13			Woodside Rm	3A-13	14	Black	Field B	3 & 4 (Line)
				3A-13	14	Red	Phase A	7 (Out A)
				3A-13	14	Blue	Phase B	9 (Out B)

**Control In**

One other connection in panel.

Garage: Direction Control - Woodside Room

Relay, Fan Direction Control #2

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2H-A33	22-4	Garage: Direction Control - Woodside Room	3	2H-A33	22	Red	Latch	A (Latch -)
2H-A33			This Panel Only	2H-A33	22	Black	Com	B (Latch +)
				2H-A33	22	Green	Com	8 (Reset +)
				2H-A33	22	White	Reset	5 (Reset -)

<b>Outlet, Duplex (15A)</b>	"Duplex Outlet - Line Power"	(Part TBD)	Tag Number 0292
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**Power In (120 Vac)**

**Garage: Orange Controller Panels**

Outlet, Duplex (15A)

Circuit ID Cable ID		Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2H-34		14-2	Garage: Orange Controller Panels	19	2H-34	14	Black	Hot	Hot
2H-34				Multiple	2H-34	14	White	Neutral	Neutral