

XL Fan Speed Cntrl Module CentralIte: XL FSCB Tag Number 0045

Fan Output / 1

One other connection in panel.

Fitness Room: Ceiling Fans

XL Fan Speed Cntrl Module

Output Address = MCP:1-(7-3)153

Change

Load Cable(s)				Load Cable Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function		
1F-15	14-2	Fitness Room: Ceiling Fans	3 This Panel Only	1F-15	14	Black	Switched	Fans-Hot 1	
1F-15				1F-15	14	White	Neutral	Fans-Neutral 1	

Fan Output / 2

One other connection in panel.

Kitchen: Ceiling Fans

XL Fan Speed Cntrl Module

Output Address = MCP:1-(7-3)154

Change

Load Cable(s)				Load Cable Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function		
1F-16	14-2	Kitchen: Ceiling Fans	3 This Panel Only	1F-16	14	Black	Switched	Fans-Hot 2	
1F-16				1F-16	14	White	Neutral	Fans-Neutral 2	

Fan Output / 3

One other connection in panel.

Screen Porch: Ceiling Fan

XL Fan Speed Cntrl Module

Output Address = MCP:1-(7-3)155

Change

Load Cable(s)				Load Cable Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function		
1F-20	14-2	Screen Porch: Ceiling Fan	3 This Panel Only	1F-20	14	Black	Switched	Fans-Hot 3	
1F-20				1F-20	14	White	Neutral	Fans-Neutral 3	

Fan Output / 4

One other connection in panel.

Great Room: Ceiling Fans (Provision)

XL Fan Speed Cntrl Module

Output Address = MCP:1-(7-3)156

Change

Load Cable(s)				Load Cable Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function		
1F-21	14-2	Great Room: Ceiling Fans (Provision)	3 This Panel Only	1F-21	14	Black	Switched	Fans-Hot 4	
1F-21				1F-21	14	White	Neutral	Fans-Neutral 4	

Line Input / 1

3 other connections in panel.

Green Utility Closet: Ceiling Fan Group

XL Fan Speed Cntrl Module

Output Address = MCP:1-(7-3)156

Change

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function		
1F-22	14-2	Green Utility Closet: Ceiling Fan Group	3 Green/CB-Panel	1F-22	14	Black	Hot	Line-Hot 1	
1F-22				1F-22	14	White	Neutral	Line-Neutral 1	

Line Input / 2

3 other connections in panel.

Green Utility Closet: Ceiling Fan Group

XL Fan Speed Cntrl Module

Output Address = MCP:1-(7-3)156

Change

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function		
1F-22	14-2	Green Utility Closet: Ceiling Fan Group	3 Green/CB-Panel	1F-22	14	Black	Hot	Line-Hot 2	
1F-22				1F-22	14	White	Neutral	Line-Neutral 2	

Line Input / 3

3 other connections in panel.

Green Utility Closet: Ceiling Fan Group

XL Fan Speed Cntrl Module

Output Address = MCP:1-(7-3)156

Change

Source Cable(s)				Source Wires					Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function		
1F-22	14-2	Green Utility Closet: Ceiling Fan Group	3 Green/CB-Panel	1F-22	14	Black	Hot	Line-Hot 3	
1F-22				1F-22	14	White	Neutral	Line-Neutral 3	

Line Input / 4

3 other connections in panel.

Green Utility Closet: Ceiling Fan Group

XL Fan Speed Cntrl Module

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1F-22	14-2	Green Utility Closet: Ceiling Fan Group	3	1F-22	14	Black	Hot	Line-Hot 4
1F-22			Green/CB-Panel	1F-22	14	White	Neutral	Line-Neutral 4

Data Bus

Green: FSCB Relay Control Bus

XL Fan Speed Cntrl Module

Source Cable(s)				Source Wires				Device Connection
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1F-C12	Cat 5	Green: MCP 2 - Relay Driver #8 Bus - Segment 4	51	1C-C07	Cat 5e	Orange	1-WT	WT
1F-C12	(XL-R)		Blue/XL-FSCB	1C-C07	Cat 5e	Blue	2-BL	BL
1C-C07	Cat 5	Red: MCP 2 - Relay Driver #8 Bus - Segment 5	73	1C-C07	Cat 5e	Green	3-GR	GN
1C-C07	(XL-R)		Red/XL-FSCB	1C-C07	Cat 5e	Brown	6-BK	BK
				1F-C12	Cat 5e	Orange	1-WT	WT
				1F-C12	Cat 5e	Blue	2-BL	BL
				1F-C12	Cat 5e	Green	3-GR	GN
				1F-C12	Cat 5e	Brown	6-BK	BK

Ceiling Fan Relay Interface JTB: 1005 Tag Number
0282

Controls In

Green: 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	
1F-A06 1F-A06	22-10	Green: Fan Dir Control Signals	50 Yellow/CN-Panel/2	1F-A06	22	Red	X1L	RL1-L	
				1F-A06	22	White	X1R	RL1-R	
				1F-A06	22	Green	X2L	RL2-L	
				1F-A06	22	Brown	X2R	RL2-R	
				1F-A06	22	Blue	X3L	RL3-L	
				1F-A06	22	Orange	X3R	RL3-R	
				1F-A06	22	Yellow	X4L	RL4-L	
				1F-A06	22	Violet	X4R	RL4-R	
				1F-A06	22	Gray	(spare)	nc	
				1F-A06	22	Black	Select	Com	

Discrete Output / Relay 1

One other connection in panel.

Green Utility Closet: Direction Control - Fitness 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	
1F-A19 1F-A19	22-4	Green Utility Closet: Direction Control - Fitness Room	3 This Panel Only	1F-A19	22	Red	Latch	Relay 1 - Latch	
				1F-A19	22	Black	Com	Relay 1 - Com	
				1F-A19	22	Green	Com	Relay 1 - Com	
				1F-A19	22	White	Reset	Relay 1 - Reset	

Discrete Output / Relay 2

One other connection in panel.

Green Utility Closet: Direction Control - Great 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	
1F-A20 1F-A20	22-4	Green Utility Closet: Direction Control - Great Room	3 This Panel Only	1F-A20	22	Red	Latch	Relay 2 - Latch	
				1F-A20	22	Black	Com	Relay 2 - Com	
				1F-A20	22	Green	Com	Relay 2 - Com	
				1F-A20	22	White	Reset	Relay 2 - Reset	

Discrete Output / Relay 3

One other connection in panel.

Green Utility Closet: Direction Control - Kitchen

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	
1F-A21 1F-A21	22-4	Green Utility Closet: Direction Control - Kitchen	3 This Panel Only	1F-A21	22	Red	Latch	Relay 3 - Latch	
				1F-A21	22	Black	Com	Relay 3 - Com	
				1F-A21	22	Green	Com	Relay 3 - Com	
				1F-A21	22	White	Reset	Relay 3 - Reset	

Discrete Output / Relay 4

One other connection in panel.

Green Utility Closet: Direction Control - Porch

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	
1F-A22 1F-A22	22-4	Green Utility Closet: Direction Control - Porch	3 This Panel Only	1F-A22	22	Red	Latch	Relay 4 - Latch	
				1F-A22	22	Black	Com	Relay 4 - Com	
				1F-A22	22	Green	Com	Relay 4 - Com	
				1F-A22	22	White	Reset	Relay 4 - Reset	

Relay, Fan Direction Control (1 of 4)	"Fan Direction Relay (Fitness Room)"	Potter & Brumfield: KUL-11D15D-24	Tag Number 1007
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Power In (120 Vac)

One other connection in panel.

Fitness Room: Ceiling Fans

Relay, Fan Direction Control #1

Output Address = MCP:1-(7-3)153

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1F-15	14-2	Fitness Room: Ceiling Fans	3 This Panel Only	1F-15	14	Black	Switched	3 & 4 (Line)
1F-15				1F-15	14	White	Neutral	1 & 6 (Neutral)

Power Output

Fitness Room: Ceiling Fans

Relay, Fan Direction Control #1

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1D-03	14-4	Fitness Room: Ceiling Fan (South)	42 Fitness Room	1D-03	14	White	Field A	1 & 6 (Neutral)
1D-03				1D-03	14	Black	Field B	3 & 4 (Line)
1D-04	14-4	Fitness Room: Ceiling Fan (North)	42 Fitness Room	1D-03	14	Red	Phase A	7 (Out A)
1D-04				1D-03	14	Blue	Phase B	9 (Out B)
				1D-04	14	White	Field A	1 & 6 (Neutral)
				1D-04	14	Black	Field B	3 & 4 (Line)
				1D-04	14	Red	Phase A	7 (Out A)
				1D-04	14	Blue	Phase B	9 (Out B)

Control In

One other connection in panel.

Green Utility Closet: Direction Control - Fitness Room

Relay, Fan Direction Control #1

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1F-A19	22-4	Green Utility Closet: Direction Control - Fitness Room	3 This Panel Only	1F-A19	22	Red	Latch	A (Latch -)
1F-A19				1F-A19	22	Black	Com	B (Latch +)
				1F-A19	22	Green	Com	8 (Reset +)
				1F-A19	22	White	Reset	5 (Reset -)

Relay, Fan Direction Control (2 of 4)	"Fan Direction Relay (Great Room)"	Potter & Brumfield: KUL-11D15D-24
		Tag Number 1010

Power In (120 Vac)

One other connection in panel.

Great Room: Ceiling Fans (Provision)

Relay, Fan Direction Control #2

Output Address = MCP:1-(7-3)156

<i>Source Cable(s)</i>				<i>Source Wires</i>				
Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1F-21	14-2	Great Room: Ceiling Fans (Provision)	3	1F-21	14	Black	Switched	3 & 4 (Line)
1F-21			This Panel Only	1F-21	14	White	Neutral	1 & 6 (Neutral)

Power Output

Great Room: Ceiling Fans

Relay, Fan Direction Control #2

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2C-19	14-4	Great Room: Ceiling Fan (South)	51	2C-19	14	White	Field A	1 & 6 (Neutral)
2C-19			Great Room	2C-19	14	Black	Field B	3 & 4 (Line)
2C-20	14-4	Great Room: Ceiling Fan (North)	51	2C-19	14	Red	Phase A	7 (Out A)
2C-20			Great Room	2C-19	14	Blue	Phase B	9 (Out B)
				2C-20	14	White	Field A	1 & 6 (Neutral)
				2C-20	14	Black	Field B	3 & 4 (Line)
				2C-20	14	Red	Phase A	7 (Out A)
				2C-20	14	Blue	Phase B	9 (Out B)

Control In

One other connection in panel.

Green Utility Closet: Direction Control - Great Room

Relay, Fan Direction Control #2

<i>Source Cable(s)</i>				<i>Source Wires</i>				
Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1F-A20	22-4	Green Utility Closet: Direction Control - Great Room	3	1F-A20	22	Red	Latch	A (Latch -)
1F-A20			This Panel Only	1F-A20	22	Black	Com	B (Latch +)
				1F-A20	22	Green	Com	8 (Reset +)
				1F-A20	22	White	Reset	5 (Reset -)

Relay, Fan Direction Control (3 of 4)	"Fan Direction Relay (Porch)"	Potter & Brumfield: KUL-11D15D-24	Tag Number 1009
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Power In (120 Vac)

One other connection in panel.

Screen Porch: Ceiling Fan

Relay, Fan Direction Control #3

Output Address = MCP:1-(7-3)155

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1F-20	14-2	Screen Porch: Ceiling Fan	3	1F-20	14	Black	Switched	3 & 4 (Line)
1F-20			This Panel Only	1F-20	14	White	Neutral	1 & 6 (Neutral)

Power Output

Screen Porch: Ceiling Fan

Relay, Fan Direction Control #3

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2F-11	14-4	Screen Porch: Ceiling Fan	27	2F-11	14	White	Field A	1 & 6 (Neutral)
2F-11			Screen Porch	2F-11	14	Black	Field B	3 & 4 (Line)
				2F-11	14	Red	Phase A	7 (Out A)
				2F-11	14	Blue	Phase B	9 (Out B)

Control In

One other connection in panel.

Green Utility Closet: Direction Control - Porch

Relay, Fan Direction Control #3

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1F-A22	22-4	Green Utility Closet: Direction Control - Porch	3	1F-A22	22	Red	Latch	A (Latch -)
1F-A22			This Panel Only	1F-A22	22	Black	Com	B (Latch +)
				1F-A22	22	Green	Com	8 (Reset +)
				1F-A22	22	White	Reset	5 (Reset -)

Relay, Fan Direction Control (4 of 4)	"Fan Direction Relay (Kitchen)"	Potter & Brumfield: KUL-11D15D-24	Tag Number 1008
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Power In (120 Vac)

One other connection in panel.

Kitchen: Ceiling Fans

Relay, Fan Direction Control #4

Output Address = MCP:1-(7-3)154

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1F-16	14-2	Kitchen: Ceiling Fans	3	1F-16	14	Black	Switched	3 & 4 (Line)
1F-16			This Panel Only	1F-16	14	White	Neutral	1 & 6 (Neutral)

Power Output

Kitchen: Ceiling Fan

Relay, Fan Direction Control #4

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2D-11	14-4	Kitchen: Ceiling Fan	27	2D-11	14	White	Field A	1 & 6 (Neutral)
2D-11			Kitchen	2D-11	14	Black	Field B	3 & 4 (Line)
				2D-11	14	Red	Phase A	7 (Out A)
				2D-11	14	Blue	Phase B	9 (Out B)

Control In

One other connection in panel.

Green Utility Closet: Direction Control - Kitchen

Relay, Fan Direction Control #4

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1F-A21	22-4	Green Utility Closet: Direction Control - Kitchen	3	1F-A21	22	Red	Latch	A (Latch -)
1F-A21			This Panel Only	1F-A21	22	Black	Com	B (Latch +)
				1F-A21	22	Green	Com	8 (Reset +)
				1F-A21	22	White	Reset	5 (Reset -)

Outlet, Duplex (15A)	"Duplex Outlet - Line Power"	(Part TBD) Tag Number 0318
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Power In (120 Vac)

Green Controller Panels

Outlet, Duplex (15A)

<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
1F-23	14-2	Green Controller Panels	7	1F-23	14	Black	Hot	Hot
1F-23			Multiple	1F-23	14	White	Neutral	Neutral