

**XL Fan Speed Cntrl Module** CentralLte: XL FSCB Tag Number 0044

**Fan Output / 1**

*One other connection in panel.*

*Lounge: Ceiling Fan*

XL Fan Speed Cntrl Module

*Output Address =* MCP:1-(7-2)149

Change

				<i>Load Cable(s)</i>									<i>Load Cable Wires</i>	
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection						
1G-56	14-2	Lounge: Ceiling Fan	3	1G-56	14	Black	Switched	Fans-Hot 1						
1G-56			<i>This Panel Only</i>	1G-56	14	White	Neutral	Fans-Neutral 1						

**Fan Output / 2**

*Shop: Ceiling Fans*

XL Fan Speed Cntrl Module

*Output Address =* MCP:1-(7-2)150

Change

				<i>Load Cable(s)</i>									<i>Load Cable Wires</i>	
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection						
1K-05	14-4	Shop: Ceiling Fans	28	1K-05	14	Black	Field B	Fans-Hot 2						
1K-05			Shop	1K-05	14	White	Field A	Fans-Neutral 2						

**Fan Output / 3**

*One other connection in panel.*

*BR 3: Ceiling Fan*

XL Fan Speed Cntrl Module

*Output Address =* MCP:1-(7-2)151

Change

				<i>Load Cable(s)</i>									<i>Load Cable Wires</i>	
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection						
1G-57	14-2	BR 3: Ceiling Fan	3	1G-57	14	Black	Switched	Fans-Hot 3						
1G-57			<i>This Panel Only</i>	1G-57	14	White	Neutral	Fans-Neutral 3						

**Fan Output / 4**

*One other connection in panel.*

*BR 2: Ceiling Fan*

XL Fan Speed Cntrl Module

*Output Address =* MCP:1-(7-2)152

Change

				<i>Load Cable(s)</i>									<i>Load Cable Wires</i>	
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection						
1G-58	14-2	BR 2: Ceiling Fan	3	1G-58	14	Black	Switched	Fans-Hot 4						
1G-58			<i>This Panel Only</i>	1G-58	14	White	Neutral	Fans-Neutral 4						

**Line Input / 1**

*3 other connections in panel.*

*Blue Utility Area: Ceiling Fan*

XL Fan Speed Cntrl Module

*Output Address =* MCP:1-(7-2)152

Change

				<i>Source Cable(s)</i>									<i>Source Wires</i>	
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection						
1G-39	14-2	Blue Utility Area: Ceiling Fan	3	1G-39	14	Black	Hot	Line-Hot 1						
1G-39			Blue/CB-Panel	1G-39	14	White	Neutral	Line-Neutral 1						

**Line Input / 2**

*3 other connections in panel.*

*Blue Utility Area: Ceiling Fan*

XL Fan Speed Cntrl Module

*Output Address =* MCP:1-(7-2)152

Change

				<i>Source Cable(s)</i>									<i>Source Wires</i>	
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection						
1G-39	14-2	Blue Utility Area: Ceiling Fan	3	1G-39	14	Black	Hot	Line-Hot 2						
1G-39			Blue/CB-Panel	1G-39	14	White	Neutral	Line-Neutral 2						

**Line Input / 3**

*3 other connections in panel.*

*Blue Utility Area: Ceiling Fan*

XL Fan Speed Cntrl Module

*Output Address =* MCP:1-(7-2)152

Change

				<i>Source Cable(s)</i>									<i>Source Wires</i>	
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection						
1G-39	14-2	Blue Utility Area: Ceiling Fan	3	1G-39	14	Black	Hot	Line-Hot 3						
1G-39			Blue/CB-Panel	1G-39	14	White	Neutral	Line-Neutral 3						

Line Input / 4

3 other connections in panel.

Blue Utility Area: Ceiling Fan

XL Fan Speed Cntrl Module

Source Cable(s)				Source Wires				Device Connection
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1G-39	14-2	Blue Utility Area: Ceiling Fan	3	1G-39	14	Black	Hot	Line-Hot 4
1G-39			Blue/CB-Panel	1G-39	14	White	Neutral	Line-Neutral 4

Data Bus

Blue: FSCB Relay Control Bus

XL Fan Speed Cntrl Module

Source Cable(s)				Source Wires				Device Connection
Circuit ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1G-C12	Cat 5	Blue: MCP 2 - Relay Driver #8 Bus - Segment 3	28	1F-C12	Cat 5e	Orange	1-WT	WT
1G-C12	(XL-R)		Orange/XL-FSCB	1F-C12	Cat 5e	Blue	2-BL	BL
1F-C12	Cat 5	Green: MCP 2 - Relay Driver #8 Bus - Segment 4	51	1F-C12	Cat 5e	Green	3-GR	GN
1F-C12	(XL-R)		Green/XL-FSCB	1F-C12	Cat 5e	Brown	6-BK	BK
				1G-C12	Cat 5e	Orange	1-WT	WT
				1G-C12	Cat 5e	Blue	2-BL	BL
				1G-C12	Cat 5e	Green	3-GR	GN
				1G-C12	Cat 5e	Brown	6-BK	BK

**Ceiling Fan Relay Interface** JTJ: 1005 Tag Number  
0283

**Controls In**

**Blue: 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
1G-A15 1G-A15	22-10	Blue: Fan Dir Control Signals	41 Yellow/CN-Panel/2	1G-A15	22	Red	X1L	RL1-L
				1G-A15	22	White	X1R	RL1-R
				1G-A15	22	Green	X2L	RL2-L
				1G-A15	22	Brown	X2R	RL2-R
				1G-A15	22	Blue	X3L	RL3-L
				1G-A15	22	Orange	X3R	RL3-R
				1G-A15	22	Yellow	X4L	RL4-L
				1G-A15	22	Violet	X4R	RL4-R
				1G-A15	22	Gray	(spare)	nc
				1G-A15	22	Black	Select	Com

**Discrete Output / Relay 1**

*One other connection in panel.*

**Blue Utility Area: Fan Direction Control - Lounge**

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
1G-A46 1G-A46	22-4	Blue Utility Area: Fan Direction Control - Lounge	3 This Panel Only	1G-A46	22	Red	Latch	Relay 1 - Latch
				1G-A46	22	Black	Com	Relay 1 - Com
				1G-A46	22	Green	Com	Relay 1 - Com
				1G-A46	22	White	Reset	Relay 1 - Reset

**Discrete Output / Relay 2**

*One other connection in panel.*

**Blue Utility Area: Direction Control - BR 2**

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
1G-A47 1G-A47	22-4	Blue Utility Area: Direction Control - BR 2	3 This Panel Only	1G-A47	22	Red	Latch	Relay 2 - Latch
				1G-A47	22	Black	Com	Relay 2 - Com
				1G-A47	22	Green	Com	Relay 2 - Com
				1G-A47	22	White	Reset	Relay 2 - Reset

**Discrete Output / Relay 3**

*One other connection in panel.*

**Blue Utility Area: Direction Control - BR 3**

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
1G-A48 1G-A48	22-4	Blue Utility Area: Direction Control - BR 3	3 This Panel Only	1G-A48	22	Red	Latch	Relay 3 - Latch
				1G-A48	22	Black	Com	Relay 3 - Com
				1G-A48	22	Green	Com	Relay 3 - Com
				1G-A48	22	White	Reset	Relay 3 - Reset

<b>Relay, Fan Direction Control (1 of 3)</b>	<b>"Fan Direction Relay (Lounge)"</b>	Potter & Brumfield: KUL-11D15D-24	Tag Number 1004
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**Power In (120 Vac)**

*One other connection in panel.*

*Lounge: Ceiling Fan*

Relay, Fan Direction Control #1

*Output Address =* MCP:1-(7-2)149

<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	
1G-56	14-2	Lounge: Ceiling Fan	3	1G-56	14	Black	Switched	3 & 4 (Line)
1G-56			This Panel Only	1G-56	14	White	Neutral	1 & 6 (Neutral)

**Power Output**

*Lounge Sitting Area: Ceiling Fan*

Relay, Fan Direction Control #1

<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	
1G-09	14-4	Lounge Sitting Area: Ceiling Fan	26	1G-09	14	White	Field A	1 & 6 (Neutral)
1G-09			Lounge Sitting Area	1G-09	14	Black	Field B	3 & 4 (Line)
				1G-09	14	Red	Phase A	7 (Out A)
				1G-09	14	Blue	Phase B	9 (Out B)

**Control In**

*One other connection in panel.*

*Blue Utility Area: Fan Direction Control - Lounge*

Relay, Fan Direction Control #1

<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	
1G-A46	22-4	Blue Utility Area: Fan Direction Control - Lounge	3	1G-A46	22	Red	Latch	A (Latch -)
1G-A46			This Panel Only	1G-A46	22	Black	Com	B (Latch +)
				1G-A46	22	Green	Com	8 (Reset +)
				1G-A46	22	White	Reset	5 (Reset -)

<b>Relay, Fan Direction Control (2 of 3)</b>	"Fan Direction Relay (BR 3)"	Potter & Brumfield: KUL-11D15D-24	Tag Number 1005
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**Power In (120 Vac)**

*One other connection in panel.*

**BR 3: Ceiling Fan**

Relay, Fan Direction Control #2

*Output Address =* MCP:1-(7-2)151

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1G-57	14-2	BR 3: Ceiling Fan	3	1G-57	14	Black	Switched	3 & 4 (Line)
1G-57			This Panel Only	1G-57	14	White	Neutral	1 & 6 (Neutral)

**Power Output**

**BR 3: 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
2F-10	14-4	BR 3: Ceiling Fan	32	2F-10	14	White	Field A	1 & 6 (Neutral)
2F-10			BR 3	2F-10	14	Black	Field B	3 & 4 (Line)
				2F-10	14	Red	Phase A	7 (Out A)
				2F-10	14	Blue	Phase B	9 (Out B)

**Control In**

*One other connection in panel.*

**Blue Utility Area: Direction Control - BR 3**

Relay, Fan Direction Control #2

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1G-A48	22-4	Blue Utility Area: Direction Control - BR 3	3	1G-A48	22	Red	Latch	A (Latch -)
1G-A48			This Panel Only	1G-A48	22	Black	Com	B (Latch +)
				1G-A48	22	Green	Com	8 (Reset +)
				1G-A48	22	White	Reset	5 (Reset -)

<b>Relay, Fan Direction Control (3 of 3)</b>	"Fan Direction Relay (BR 2)"	Potter & Brumfield: KUL-11D15D-24	Tag Number 1006
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**Power In (120 Vac)**

*One other connection in panel.*

**BR 2: Ceiling Fan**

Relay, Fan Direction Control #3

*Output Address =* MCP:1-(7-2)152

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1G-58	14-2	BR 2: Ceiling Fan	3	1G-58	14	Black	Switched	3 & 4 (Line)
1G-58			This Panel Only	1G-58	14	White	Neutral	1 & 6 (Neutral)

**Power Output**

**BR 2: 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
2G-16	14-4	BR 2: Ceiling Fan	18	2G-16	14	White	Field A	1 & 6 (Neutral)
2G-16			BR 2	2G-16	14	Black	Field B	3 & 4 (Line)
				2G-16	14	Red	Phase A	7 (Out A)
				2G-16	14	Blue	Phase B	9 (Out B)

**Control In**

*One other connection in panel.*

**Blue Utility Area: Direction Control - BR 2**

Relay, Fan Direction Control #3

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1G-A47	22-4	Blue Utility Area: Direction Control - BR 2	3	1G-A47	22	Red	Latch	A (Latch -)
1G-A47			This Panel Only	1G-A47	22	Black	Com	B (Latch +)
				1G-A47	22	Green	Com	8 (Reset +)
				1G-A47	22	White	Reset	5 (Reset -)

<b>Outlet, Duplex (15A)</b>	"Duplex Outlet - Line Power"	(Part TBD)	Tag Number 0313
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**Power In (120 Vac)**

**Blue Controller Panels #1**

Outlet, Duplex (15A)

Circuit ID Cable ID		Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1G-41		14-2	Blue Controller Panels #1	7	1G-41	14	Black	Hot	Hot
1G-41				Multiple	1G-41	14	White	Neutral	Neutral