

Cable Wire Device Connections

Red/XL-FSCB

Cable Wires	Circuit ID Circuit Name	Device Name Terminal Wire Count	Device Type Device Terminal Connection
1A-10 To/From: BR 5 14-4			
White "Field A"	1A-10 BR 5: Ceiling Fan	"Fan Direction Relay (BR 5)" 1	Relay, Fan Direction Control #1 Power Output / 1 & 6 (Neutral)
Black "Field B"	1A-10 BR 5: Ceiling Fan	"Fan Direction Relay (BR 5)" 1	Relay, Fan Direction Control #1 Power Output / 3 & 4 (Line)
Red "Phase A"	1A-10 BR 5: Ceiling Fan	"Fan Direction Relay (BR 5)" 1	Relay, Fan Direction Control #1 Power Output / 7 (Out A)
Blue "Phase B"	1A-10 BR 5: Ceiling Fan	"Fan Direction Relay (BR 5)" 1	Relay, Fan Direction Control #1 Power Output / 9 (Out B)
1B-05 To/From: BR 4 14-4			
White "Field A"	1B-05 BR 4: Ceiling Fan	"Fan Direction Relay (BR 4)" 1	Relay, Fan Direction Control #2 Power Output / 1 & 6 (Neutral)
Black "Field B"	1B-05 BR 4: Ceiling Fan	"Fan Direction Relay (BR 4)" 1	Relay, Fan Direction Control #2 Power Output / 3 & 4 (Line)
Red "Phase A"	1B-05 BR 4: Ceiling Fan	"Fan Direction Relay (BR 4)" 1	Relay, Fan Direction Control #2 Power Output / 7 (Out A)
Blue "Phase B"	1B-05 BR 4: Ceiling Fan	"Fan Direction Relay (BR 4)" 1	Relay, Fan Direction Control #2 Power Output / 9 (Out B)
1C-23 To/From: "Red/CB-Panel" 14-2			
White "Neutral"	1C-23 (Ceiling Fans)	----	XL Fan Speed Cntrl Module Line Input / Line-Neutral 1
	1C-23 (Ceiling Fans)	1	XL Fan Speed Cntrl Module Line Input / Line-Neutral 2
	1C-23 (Ceiling Fans)	1	XL Fan Speed Cntrl Module Line Input / Line-Neutral 3
	1C-23 (Ceiling Fans)	1	XL Fan Speed Cntrl Module Line Input / Line-Neutral 4
Black "Hot"	1C-23 (Ceiling Fans)	----	XL Fan Speed Cntrl Module Line Input / Line-Hot 1
	1C-23 (Ceiling Fans)	1	XL Fan Speed Cntrl Module Line Input / Line-Hot 2
	1C-23 (Ceiling Fans)	1	XL Fan Speed Cntrl Module Line Input / Line-Hot 3
	1C-23 (Ceiling Fans)	1	XL Fan Speed Cntrl Module Line Input / Line-Hot 4
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

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1C-33		To/From: No External Connections	14-2
White "Neutral"	1C-33 BR 5: Ceiling Fan	---- 1	XL Fan Speed Cntrl Module Fan Output / Fans-Neutral 1
	1C-33 BR 5: Ceiling Fan	"Fan Direction Relay (BR 5)" 1	Relay, Fan Direction Control #1 Power In (120 Vac) / 1 & 6 (Neutral)
Black "Switched"	1C-33 BR 5: Ceiling Fan	---- 1	XL Fan Speed Cntrl Module Fan Output / Fans-Hot 1
	1C-33 BR 5: Ceiling Fan	"Fan Direction Relay (BR 5)" 1	Relay, Fan Direction Control #1 Power In (120 Vac) / 3 & 4 (Line)
1C-34		To/From: No External Connections	14-2
White "Neutral"	1C-34 BR 4: Ceiling Fan	---- 1	XL Fan Speed Cntrl Module Fan Output / Fans-Neutral 2
	1C-34 BR 4: Ceiling Fan	"Fan Direction Relay (BR 4)" 1	Relay, Fan Direction Control #2 Power In (120 Vac) / 1 & 6 (Neutral)
Black "Switched"	1C-34 BR 4: Ceiling Fan	---- 1	XL Fan Speed Cntrl Module Fan Output / Fans-Hot 2
	1C-34 BR 4: Ceiling Fan	"Fan Direction Relay (BR 4)" 1	Relay, Fan Direction Control #2 Power In (120 Vac) / 3 & 4 (Line)
1C-35		To/From: No External Connections	14-2
White "Neutral"	1C-35 Master BR: Ceiling Fan	---- 1	XL Fan Speed Cntrl Module Fan Output / Fans-Neutral 3
	1C-35 Master BR: Ceiling Fan	"Fan Direction Relay (Master BR)" 1	Relay, Fan Direction Control #3 Power In (120 Vac) / 1 & 6 (Neutral)
Black "Switched"	1C-35 Master BR: Ceiling Fan	---- 1	XL Fan Speed Cntrl Module Fan Output / Fans-Hot 3
	1C-35 Master BR: Ceiling Fan	"Fan Direction Relay (Master BR)" 1	Relay, Fan Direction Control #3 Power In (120 Vac) / 3 & 4 (Line)
1C-36		To/From: No External Connections	14-2
White "Neutral"	1C-36 Study: Ceiling Fan	---- 1	XL Fan Speed Cntrl Module Fan Output / Fans-Neutral 4
	1C-36 Study: Ceiling Fan	"Fan Direction Relay (Study)" 1	Relay, Fan Direction Control #4 Power In (120 Vac) / 1 & 6 (Neutral)
Black "Switched"	1C-36 Study: Ceiling Fan	---- 1	XL Fan Speed Cntrl Module Fan Output / Fans-Hot 4
	1C-36 Study: Ceiling Fan	"Fan Direction Relay (Study)" 1	Relay, Fan Direction Control #4 Power In (120 Vac) / 3 & 4 (Line)
1C-A06		To/From: "Yellow/CN-Panel/2"	22-10
Black "Select"	1C-A06 Red: Fan Dir Control Signals	---- 1	Ceiling Fan Relay Interface Controls In / Com
Red "X1L"	1C-A06 Red: Fan Dir Control Signals	---- 1	Ceiling Fan Relay Interface Controls In / RL1-L
White "X1R"	1C-A06 Red: Fan Dir Control Signals	---- 1	Ceiling Fan Relay Interface Controls In / RL1-R

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Green "X2L"	1C-A06 Red: Fan Dir Control Signals	---- 1	Ceiling Fan Relay Interface Controls In / RL2-L
Brown "X2R"	1C-A06 Red: Fan Dir Control Signals	---- 1	Ceiling Fan Relay Interface Controls In / RL2-R
Blue "X3L"	1C-A06 Red: Fan Dir Control Signals	---- 1	Ceiling Fan Relay Interface Controls In / RL3-L
Orange "X3R"	1C-A06 Red: Fan Dir Control Signals	---- 1	Ceiling Fan Relay Interface Controls In / RL3-R
Yellow "X4L"	1C-A06 Red: Fan Dir Control Signals	---- 1	Ceiling Fan Relay Interface Controls In / RL4-L
Violet "X4R"	1C-A06 Red: Fan Dir Control Signals	---- 1	Ceiling Fan Relay Interface Controls In / RL4-R
Gray "(spare)"	1C-A06 Red: Fan Dir Control Signals	---- 1	Ceiling Fan Relay Interface Controls In / nc
1C-A21	To/From: No External Connections		22-4
Black "Com"	1C-A21 Red Utility Closet: Direction Control - BR 4	---- 1	Ceiling Fan Relay Interface Discrete Output / Relay 1 - Com
	1C-A21 "Fan Direction Relay (BR 4)" Red Utility Closet: Direction Control - BR 4	1 1	Relay, Fan Direction Control #2 Control In / B (Latch +)
Red "Latch"	1C-A21 Red Utility Closet: Direction Control - BR 4	---- 1	Ceiling Fan Relay Interface Discrete Output / Relay 1 - Latch
	1C-A21 "Fan Direction Relay (BR 4)" Red Utility Closet: Direction Control - BR 4	1 1	Relay, Fan Direction Control #2 Control In / A (Latch -)
White "Reset"	1C-A21 Red Utility Closet: Direction Control - BR 4	---- 1	Ceiling Fan Relay Interface Discrete Output / Relay 1 - Reset
	1C-A21 "Fan Direction Relay (BR 4)" Red Utility Closet: Direction Control - BR 4	1 1	Relay, Fan Direction Control #2 Control In / 5 (Reset -)
Green "Com"	1C-A21 Red Utility Closet: Direction Control - BR 4	---- 1	Ceiling Fan Relay Interface Discrete Output / Relay 1 - Com
	1C-A21 "Fan Direction Relay (BR 4)" Red Utility Closet: Direction Control - BR 4	1 1	Relay, Fan Direction Control #2 Control In / 8 (Reset +)
1C-A22	To/From: No External Connections		22-4
Black "Com"	1C-A22 Red Utility Closet: Direction Control - BR 5	---- 1	Ceiling Fan Relay Interface Discrete Output / Relay 2 - Com
	1C-A22 "Fan Direction Relay (BR 5)" Red Utility Closet: Direction Control - BR 5	1 1	Relay, Fan Direction Control #1 Control In / B (Latch +)
Red "Latch"	1C-A22 Red Utility Closet: Direction Control - BR 5	---- 1	Ceiling Fan Relay Interface Discrete Output / Relay 2 - Latch
	1C-A22 "Fan Direction Relay (BR 5)" Red Utility Closet: Direction Control - BR 5	1 1	Relay, Fan Direction Control #1 Control In / A (Latch -)

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White "Reset"	1C-A22 Red Utility Closet: Direction Control - BR 5	---- 1	Ceiling Fan Relay Interface Discrete Output / Relay 2 - Reset
	1C-A22 Red Utility Closet: Direction Control - BR 5	"Fan Direction Relay (BR 5)" 1	Relay, Fan Direction Control #1 Control In / 5 (Reset -)
Green "Com"	1C-A22 Red Utility Closet: Direction Control - BR 5	---- 1	Ceiling Fan Relay Interface Discrete Output / Relay 2 - Com
	1C-A22 Red Utility Closet: Direction Control - BR 5	"Fan Direction Relay (BR 5)" 1	Relay, Fan Direction Control #1 Control In / 8 (Reset +)
1C-A23 To/From: No External Connections 22-4			
Black "Com"	1C-A23 Red Utility Closet: Direction Control - Master BR	---- 1	Ceiling Fan Relay Interface Discrete Output / Relay 3 - Com
	1C-A23 Red Utility Closet: Direction Control - Master BR	"Fan Direction Relay (Master BR)" 1	Relay, Fan Direction Control #3 Control In / B (Latch +)
Red "Latch"	1C-A23 Red Utility Closet: Direction Control - Master BR	---- 1	Ceiling Fan Relay Interface Discrete Output / Relay 3 - Latch
	1C-A23 Red Utility Closet: Direction Control - Master BR	"Fan Direction Relay (Master BR)" 1	Relay, Fan Direction Control #3 Control In / A (Latch -)
White "Reset"	1C-A23 Red Utility Closet: Direction Control - Master BR	---- 1	Ceiling Fan Relay Interface Discrete Output / Relay 3 - Reset
	1C-A23 Red Utility Closet: Direction Control - Master BR	"Fan Direction Relay (Master BR)" 1	Relay, Fan Direction Control #3 Control In / 5 (Reset -)
Green "Com"	1C-A23 Red Utility Closet: Direction Control - Master BR	---- 1	Ceiling Fan Relay Interface Discrete Output / Relay 3 - Com
	1C-A23 Red Utility Closet: Direction Control - Master BR	"Fan Direction Relay (Master BR)" 1	Relay, Fan Direction Control #3 Control In / 8 (Reset +)
1C-A24 To/From: No External Connections 22-4			
Black "Com"	1C-A24 Red Utility Closet: Direction Control - Study	---- 1	Ceiling Fan Relay Interface Discrete Output / Relay 4 - Com
	1C-A24 Red Utility Closet: Direction Control - Study	"Fan Direction Relay (Study)" 1	Relay, Fan Direction Control #4 Control In / B (Latch +)
Red "Latch"	1C-A24 Red Utility Closet: Direction Control - Study	---- 1	Ceiling Fan Relay Interface Discrete Output / Relay 4 - Latch
	1C-A24 Red Utility Closet: Direction Control - Study	"Fan Direction Relay (Study)" 1	Relay, Fan Direction Control #4 Control In / A (Latch -)
White "Reset"	1C-A24 Red Utility Closet: Direction Control - Study	---- 1	Ceiling Fan Relay Interface Discrete Output / Relay 4 - Reset
	1C-A24 Red Utility Closet: Direction Control - Study	"Fan Direction Relay (Study)" 1	Relay, Fan Direction Control #4 Control In / 5 (Reset -)
Green "Com"	1C-A24 Red Utility Closet: Direction Control - Study	---- 1	Ceiling Fan Relay Interface Discrete Output / Relay 4 - Com
	1C-A24 Red Utility Closet: Direction Control - Study	"Fan Direction Relay (Study)" 1	Relay, Fan Direction Control #4 Control In / 8 (Reset +)
1C-C07 To/From: "Green/XL-FSCB" Cat 5 (XL-R)			
Orange "1-WT"	1C-C07 Red: MCP 2 - Relay Driver #8 Bus - Segment 5	---- 1	XL Fan Speed Cntrl Module Data Bus / WT

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Blue "2-BL"	1C-C07 Red: MCP 2 - Relay Driver #8 Bus - Segment 5	---- 1	XL Fan Speed Cntrl Module Data Bus / BL
Green "3-GR"	1C-C07 Red: MCP 2 - Relay Driver #8 Bus - Segment 5	---- 1	XL Fan Speed Cntrl Module Data Bus / GN
Brown "6-BK"	1C-C07 Red: MCP 2 - Relay Driver #8 Bus - Segment 5	---- 1	XL Fan Speed Cntrl Module Data Bus / BK
2A-07	To/From: Master BR		14-4
White "Field A"	2A-07 Master BR: Ceiling Fan	"Fan Direction Relay (Master BR)" 1	Relay, Fan Direction Control #3 Power Output / 1 & 6 (Neutral)
Black "Field B"	2A-07 Master BR: Ceiling Fan	"Fan Direction Relay (Master BR)" 1	Relay, Fan Direction Control #3 Power Output / 3 & 4 (Line)
Red "Phase A"	2A-07 Master BR: Ceiling Fan	"Fan Direction Relay (Master BR)" 1	Relay, Fan Direction Control #3 Power Output / 7 (Out A)
Blue "Phase B"	2A-07 Master BR: Ceiling Fan	"Fan Direction Relay (Master BR)" 1	Relay, Fan Direction Control #3 Power Output / 9 (Out B)
2B-16	To/From: Study		14-4
White "Field A"	2B-16 Study: Ceiling Fan	"Fan Direction Relay (Study)" 1	Relay, Fan Direction Control #4 Power Output / 1 & 6 (Neutral)
Black "Field B"	2B-16 Study: Ceiling Fan	"Fan Direction Relay (Study)" 1	Relay, Fan Direction Control #4 Power Output / 3 & 4 (Line)
Red "Phase A"	2B-16 Study: Ceiling Fan	"Fan Direction Relay (Study)" 1	Relay, Fan Direction Control #4 Power Output / 7 (Out A)
Blue "Phase B"	2B-16 Study: Ceiling Fan	"Fan Direction Relay (Study)" 1	Relay, Fan Direction Control #4 Power Output / 9 (Out B)