

M1 RS-232 Interface Module (1 of 2)	"M1G / MCP 1 RS-232 Interface"	Elk Products: ELK-M1XSP	Tag Number 0699
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Data Bus

One other connection in panel.

M1G Data Bus - Lighting RS-232 (01)

M1 RS-232 Interface Module #1

Superior Address = M1:(1)J1

<i>Upstream Cable</i>				<i>Upstream Wires</i>				Device Connection
Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-C26 <i>1L-C26</i>	Cat 5 (M1)	M1G Data Bus - Lighting RS-232 (01/02)	17 White/CN-Panel/1	1L-C26	Cat 5e	Brown	+	+12
				1L-C26	Cat 5e	Orange	A	A
				1L-C26	Cat 5e	White/Orange	B	B
				1L-C26	Cat 5e	Green	A1	A1
				1L-C26	Cat 5e	White/Green	B1	B1
				1L-C26	Cat 5e	White/Brown	-	NEG

RS-232 Bus

One other connection in panel.

MCP 1 LAN RS-232 Bus

M1 RS-232 Interface Module #1

Bus Address = MCP:1-2

<i>Bus Cable</i>				<i>Bus Wires</i>				Device Connection
Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-C37 <i>1L-C37</i>	Serial Cable	MCP 1 LAN RS-232 Bus	3 This Panel Only	1L-C37	Patch	RS-232 Cable	RS-232	RS-232

M1 RS-232 Interface Module (2 of 2)	"M1G / MCP 2 RS-232 Interface"	Elk Products: ELK-M1XSP Tag Number 0700
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Data Bus

One other connection in panel.

M1G Data Bus - Lighting RS-232 (02)

M1 RS-232 Interface Module #2

Superior Address = M1:(1)J1

<i>Upstream Cable</i>				<i>Upstream Wires</i>				
Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-C26 <i>1L-C26</i>	Cat 5 (M1)	M1G Data Bus - Lighting RS-232 (01/02)	17 White/CN-Panel/1	1L-C26	Cat 5e	Brown	+	+12
				1L-C26	Cat 5e	Orange	A	A
				1L-C26	Cat 5e	White/Orange	B	B
				1L-C26	Cat 5e	Green	A1	A1
				1L-C26	Cat 5e	White/Green	B1	B1
				1L-C26	Cat 5e	White/Brown	-	NEG

RS-232 Bus

One other connection in panel.

MCP 2 LAN RS-232 Bus

M1 RS-232 Interface Module #2

Bus Address = MCP:2-2

<i>Bus Cable</i>				<i>Bus Wires</i>				
Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-C38 <i>1L-C38</i>	Serial Cable	MCP 2 LAN RS-232 Bus	3 This Panel Only	1L-C38	Patch	RS-232 Cable	RS-232	RS-232

XL MCP Module (1 of 2)	"XL MCP 1"	Centralte: XL MCP Tag Number 0063
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Data Bus / Port #1

Red: MCP 1 - Relay Driver #1 Bus

XL MCP Module #1

Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1C-C121	Cat 5	Red: MCP 1 - Relay Driver #1 Bus	64	1C-C121	Cat 5e	Orange	1-WT	WT
<i>1C-C121</i>	(XL-R)		<i>Red/XL-Dim/1</i>	1C-C121	Cat 5e	Blue	2-BL	BL
				1C-C121	Cat 5e	Green	3-GR	GN
				1C-C121	Cat 5e	Brown	6-BK	BK

Data Bus / Port #2

Red: MCP 1 - Relay Driver #2 Bus

XL MCP Module #1

Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1C-C123	Cat 5	Red: MCP 1 - Relay Driver #2 Bus	65	1C-C123	Cat 5e	Orange	1-WT	WT
<i>1C-C123</i>	(XL-R)		<i>Red/XL-Dim/2</i>	1C-C123	Cat 5e	Blue	2-BL	BL
				1C-C123	Cat 5e	Green	3-GR	GN
				1C-C123	Cat 5e	Brown	6-BK	BK

Data Bus / Port #3

Red: MCP 1 - Relay Driver #3 Bus

XL MCP Module #1

Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1C-C125	Cat 5	Red: MCP 1 - Relay Driver #3 Bus	64	1C-C125	Cat 5e	Orange	1-WT	WT
<i>1C-C125</i>	(XL-R)		<i>Red/XL-HVRB</i>	1C-C125	Cat 5e	Blue	2-BL	BL
				1C-C125	Cat 5e	Green	3-GR	GN
				1C-C125	Cat 5e	Brown	6-BK	BK

Data Bus / Port #4

MCP 1 - Relay Driver #4 Bus

XL MCP Module #1

Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-C127	Cat 5	MCP 1 - Relay Driver #4 Bus	33	1C-C127	Cat 5e	Orange	1-WT	WT
<i>1C-C127</i>	(XL-R)		<i>White/XL-Dim</i>	1C-C127	Cat 5e	Blue	2-BL	BL
				1C-C127	Cat 5e	Green	3-GR	GN
				1C-C127	Cat 5e	Brown	6-BK	BK

Data Bus / Port #5

Yellow: MCP 1 - Relay Driver #5 Bus

XL MCP Module #1

Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-C129	Cat 5	Yellow: MCP 1 - Relay Driver #5 Bus	3	1L-C129	Cat 5e	Orange	1-WT	WT
<i>1L-C129</i>	(XL-R)		<i>Yellow/XL-HVRB</i>	1L-C129	Cat 5e	Blue	2-BL	BL
				1L-C129	Cat 5e	Green	3-GR	GN
				1L-C129	Cat 5e	Brown	6-BK	BK

Data Bus / Port #6

MCP 1: Relay Driver #6 Bus

XL MCP Module #1

<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
1L-C130 1L-C130	Cat 5 (XL-R)	MCP 1: Relay Driver #6 Bus	8 Yellow/XL-LVRB	1L-C130	Cat 5e	Orange	1-WT	WT
				1L-C130	Cat 5e	Blue	2-BL	BL
				1L-C130	Cat 5e	Green	3-GR	GN
				1L-C130	Cat 5e	Brown	6-BK	BK

Data Bus / Port #7

Yellow: MCP 1 - Relay Driver #7 Bus - Segment 1

XL MCP Module #1

<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
1L-C119 1L-C119	Cat 5 (XL-R)	Yellow: MCP 1 - Relay Driver #7 Bus - Segment 1	18 Yellow/XL-FSCB	1L-C119	Cat 5e	Orange	1-WT	WT
				1L-C119	Cat 5e	Blue	2-BL	BL
				1L-C119	Cat 5e	Green	3-GR	GN
				1L-C119	Cat 5e	Brown	6-BK	BK

Data Bus / Port #1

Red: MCP 1 - Star Chain #1 Bus

XL MCP Module #1

<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
1C-C122 1C-C122	Cat 5 (XL-S)	Red: MCP 1 - Star Chain #1 Bus	64 Red/XL-Dim/1	1C-C122	Cat 5e	Blue	1-BK	BK
				1C-C122	Cat 5e	Brown	2-BN	BN
				1C-C122	Cat 5e	Orange	3-RD	RD
				1C-C122	Cat 5e	Green	4-GN	GN

Data Bus / Port #2

Red: MCP 1 - Star Chain #2 Bus

XL MCP Module #1

<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
1C-C124 1C-C124	Cat 5 (XL-S)	Red: MCP 1 - Star Chain #2 Bus	65 Red/XL-Dim/2	1C-C124	Cat 5e	Blue	1-BK	BK
				1C-C124	Cat 5e	Brown	2-BN	BN
				1C-C124	Cat 5e	Orange	3-RD	RD
				1C-C124	Cat 5e	Green	4-GN	GN

Data Bus / Port #3

White: MCP 1 - Star Chain #3 Bus

XL MCP Module #1

<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
1L-C128 1L-C128	Cat 5 (XL-S)	White: MCP 1 - Star Chain #3 Bus	33 White/XL-Dim	1L-C128	Cat 5e	Blue	1-BK	BK
				1L-C128	Cat 5e	Brown	2-BN	BN
				1L-C128	Cat 5e	Orange	3-RD	RD
				1L-C128	Cat 5e	Green	4-GN	GN

Data Bus / Port #4

White: MCP 1 - Star Chain #4 Bus

XL MCP Module #1

<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
1L-C132 1L-C132	Cat 5 (XL-S)	White: MCP 1 - Star Chain #4 Bus	33 White/CN-Panel/7	1L-C132	Cat 5e	Blue	1-BK	BK
				1L-C132	Cat 5e	Brown	2-BN	BN
				1L-C132	Cat 5e	Orange	3-RD	RD
				1L-C132	Cat 5e	Green	4-GN	GN

RS-232 Bus / Port Prog

One other connection in panel.

MCP 1 Programming RS-232 Bus

XL MCP Module #1

Bus Address = MCP:1-1

<i>Bus Cable</i>				<i>Bus Wires</i>					<i>Device Connection</i>
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-C35 1L-C35	Serial Cable	MCP 1 Programming RS-232 Bus	3 <i>This Panel Only</i>	1L-C35	Patch	RS-232 Cable	RS-232	RS-232 (Prog)	

RS-232 Bus / Port User 1

One other connection in panel.

MCP 1 LAN RS-232 Bus

XL MCP Module #1

Bus Address = MCP:1-2

<i>Bus Cable</i>				<i>Bus Wires</i>					<i>Device Connection</i>
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-C37 1L-C37	Serial Cable	MCP 1 LAN RS-232 Bus	3 <i>This Panel Only</i>	1L-C37	Patch	RS-232 Cable	RS-232	RS-232 (User 1)	

RS-232 Bus / Port User 2

One other connection in panel.

MCP Interconnect RS-232 Bus

XL MCP Module #1

Bus Address = MCP:1-3
Bus Address = MCP:2-3

<i>Bus Cable</i>				<i>Bus Wires</i>					<i>Device Connection</i>
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-C39 1L-C39	Serial Cable	MCP Interconnect RS-232 Bus	3 <i>This Panel Only</i>	1L-C39	Patch	RS-232 Cable	RS-232	RS-232 (User 2)	

Power Adapter (120 Vac)

One other connection in panel.

MCP 1 Power Adapter

XL MCP Module #1

<i>Source Cable(s)</i>				<i>Source Wires</i>					<i>Device Connection</i>
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-P07 1L-P07	Plug	MCP 1 Power Adapter	3 <i>This Panel Only</i>	1L-P07	Plug	Narrow Spade	Hot	120 Vac	
				1L-P07	Plug	Wide Spade	Neutral	Neutral	

Power Output

White: SuperStars 12 Vdc Power

XL MCP Module #1

Input Address = MCP:1-0

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>					<i>Device Connection</i>
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-A117 1L-A117	18-2	White: SuperStars 12 Vdc Power	33 White/XL-Dim	1L-A117	18	Red	+12 Vdc	+12 Vdc	
				1L-A117	18	Black	12 Vdc Return	Return	

XL MCP Module (2 of 2)	"XL MCP 2"	Centralte: XL MCP Tag Number 0064
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Data Bus / Port #1

Orange: MCP 2 - Relay Driver #1 Bus

XL MCP Module #2

Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2H-C105 <i>2H-C105</i>	Cat 5 (XL-R)	Orange: MCP 2 - Relay Driver #1 Bus	26 <i>Orange/XL-Dim/1</i>	2H-C105	Cat 5e	Orange	1-WT	WT
				2H-C105	Cat 5e	Blue	2-BL	BL
				2H-C105	Cat 5e	Green	3-GR	GN
				2H-C105	Cat 5e	Brown	6-BK	BK

Data Bus / Port #2

Orange: MCP 2 - Relay Driver #2 Bus

XL MCP Module #2

Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2H-C101 <i>2H-C101</i>	Cat 5 (XL-R)	Orange: MCP 2 - Relay Driver #2 Bus	26 <i>Orange/XL-Dim/2</i>	2H-C101	Cat 5e	Orange	1-WT	WT
				2H-C101	Cat 5e	Blue	2-BL	BL
				2H-C101	Cat 5e	Green	3-GR	GN
				2H-C101	Cat 5e	Brown	6-BK	BK

Data Bus / Port #3

Orange: MCP 2 - Relay Driver #3 Bus

XL MCP Module #2

Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2H-C108 <i>2H-C108</i>	Cat 5 (XL-R)	Orange: MCP 2 - Relay Driver #3 Bus	27 <i>Orange/XL-HVRB</i>	2H-C108	Cat 5e	Orange	1-WT	WT
				2H-C108	Cat 5e	Blue	2-BL	BL
				2H-C108	Cat 5e	Green	3-GR	GN
				2H-C108	Cat 5e	Brown	6-BK	BK

Data Bus / Port #4

Gold: MCP 2 - Relay Driver #4 Bus

XL MCP Module #2

Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
3A-C109 <i>3A-C109</i>	Cat 5 (XL-R)	Gold: MCP 2 - Relay Driver #4 Bus	47 <i>Gold/XL-HVRB</i>	3A-C109	Cat 5e	Orange	1-WT	WT
				3A-C109	Cat 5e	Blue	2-BL	BL
				3A-C109	Cat 5e	Green	3-GR	GN
				3A-C109	Cat 5e	Brown	6-BK	BK

Data Bus / Port #5

Blue: MCP 2 - Relay Driver #5 Bus

XL MCP Module #2

Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1G-C111 <i>1G-C111</i>	Cat 5 (XL-R)	Blue: MCP 2 - Relay Driver #5 Bus	42 <i>Blue/XL-Dim</i>	1G-C111	Cat 5e	Orange	1-WT	WT
				1G-C111	Cat 5e	Blue	2-BL	BL
				1G-C111	Cat 5e	Green	3-GR	GN
				1G-C111	Cat 5e	Brown	6-BK	BK

Data Bus / Port #6

XL MCP Module #2

<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-C115 1G-C115	Cat 5 (XL-R)	Blue: MCP 2 - Relay Driver #6 Bus	41 Blue/XL-HVRB	1G-C115	Cat 5e	Orange	1-WT	WT	
				1G-C115	Cat 5e	Blue	2-BL	BL	
				1G-C115	Cat 5e	Green	3-GR	GN	
				1G-C115	Cat 5e	Brown	6-BK	BK	

Blue: MCP 2 - Relay Driver #6 Bus

Data Bus / Port #7

XL MCP Module #2

<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-C116 1F-C116	Cat 5 (XL-R)	Green: MCP 2 - Relay Driver #7 Bus	50 Green/XL-Dim	1F-C116	Cat 5e	Orange	1-WT	WT	
				1F-C116	Cat 5e	Blue	2-BL	BL	
				1F-C116	Cat 5e	Green	3-GR	GN	
				1F-C116	Cat 5e	Brown	6-BK	BK	

Green: MCP 2 - Relay Driver #7 Bus

Data Bus / Port #1

XL MCP Module #2

<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-C104 2H-C104	Cat 5 (XL-S)	Orange: MCP 2 - Star Chain #1 Bus	26 Orange/XL-Dim/2	2H-C104	Cat 5e	Blue	1-BK	BK	
				2H-C104	Cat 5e	Brown	2-BN	BN	
				2H-C104	Cat 5e	Orange	3-RD	RD	
				2H-C104	Cat 5e	Green	4-GN	GN	

Orange: MCP 2 - Star Chain #1 Bus

Data Bus / Port #2

XL MCP Module #2

<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-C110 1G-C110	Cat 5 (XL-S)	Blue: MCP 2 - Star Chain #2 Bus	42 Blue/XL-Dim	1G-C110	Cat 5e	Blue	1-BK	BK	
				1G-C110	Cat 5e	Brown	2-BN	BN	
				1G-C110	Cat 5e	Orange	3-RD	RD	
				1G-C110	Cat 5e	Green	4-GN	GN	

Blue: MCP 2 - Star Chain #2 Bus

Data Bus / Port #3

XL MCP Module #2

<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-C117 1F-C117	Cat 5 (XL-R)	Green: MCP 2 - Star Chain #3 Bus	50 Green/XL-Dim	1F-C117	Cat 5e	Brown	6-BK	BK	
				1F-C117	Cat 5e	Orange	1-WT	BN	
				1F-C117	Cat 5e	Blue	2-BL	RD	
				1F-C117	Cat 5e	Green	3-GR	GN	

Green: MCP 2 - Star Chain #3 Bus

Data Bus / Port #4

XL MCP Module #2

<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-C106 2H-C106	Cat 5 (XL-S)	Orange: MCP 2 - Star Chain #4 Bus	26 Orange/XL-Dim/1	2H-C106	Cat 5e	Blue	1-BK	BK	
				2H-C106	Cat 5e	Brown	2-BN	BN	
				2H-C106	Cat 5e	Orange	3-RD	RD	
				2H-C106	Cat 5e	Green	4-GN	GN	

Orange: MCP 2 - Star Chain #4 Bus

RS-232 Bus / Port Prog

One other connection in panel.

MCP 2 Programming RS-232 Bus

XL MCP Module #2

Bus Address = MCP:2-1

<i>Bus Cable</i>				<i>Bus Wires</i>					<i>Device Connection</i>
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-C36 1L-C36	Serial Cable	MCP 2 Programming RS-232 Bus	3 <i>This Panel Only</i>	1L-C36	Patch	RS-232 Cable	RS-232	RS-232 (Prog)	

RS-232 Bus / Port User 1

One other connection in panel.

MCP 2 LAN RS-232 Bus

XL MCP Module #2

Bus Address = MCP:2-2

<i>Bus Cable</i>				<i>Bus Wires</i>					<i>Device Connection</i>
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-C38 1L-C38	Serial Cable	MCP 2 LAN RS-232 Bus	3 <i>This Panel Only</i>	1L-C38	Patch	RS-232 Cable	RS-232	RS-232 (User 1)	

RS-232 Bus / Port User 2

One other connection in panel.

MCP Interconnect RS-232 Bus

XL MCP Module #2

Bus Address = MCP:1-3
Bus Address = MCP:2-3

<i>Bus Cable</i>				<i>Bus Wires</i>					<i>Device Connection</i>
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-C39 1L-C39	Serial Cable	MCP Interconnect RS-232 Bus	3 <i>This Panel Only</i>	1L-C39	Patch	RS-232 Cable	RS-232	RS-232 (User 2)	

Power Adapter (120 Vac)

One other connection in panel.

MCP 2 Power Adapter

XL MCP Module #2

<i>Source Cable(s)</i>				<i>Source Wires</i>					<i>Device Connection</i>
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
1L-P17 1L-P17	Plug	MCP 2 Power Adapter	3 <i>This Panel Only</i>	1L-P17	Plug	Narrow Spade	Hot	120 Vac	
				1L-P17	Plug	Wide Spade	Neutral	Neutral	

Power Output

Orange1: SuperStars 12 Vdc Power

XL MCP Module #2

Input Address = MCP:2-0

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>					<i>Device Connection</i>
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection	
2H-A110 2H-A110	18-2	Orange1: SuperStars 12 Vdc Power	26 <i>Orange/XL-Dim/1</i>	2H-A110	18	Red	+12V DC	+12 Vdc	
				2H-A110	18	White	12V DC Return	Return	

2-Port Serial LAN Interface	"Dual MCP RS-232 LAN Adapter"	Perle: IOLAN TS2	Tag Number 0268
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Upstream (Port 1)

LAN@Yellow/CN-Panel/1

2-Port Serial LAN Interface

Superior Address = LAN:(2P)10

<i>Upstream Cable</i>				<i>Upstream Wires</i>				Device Connection
Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-C04 <i>1L-C04</i>	Cat 6 (568)	LAN@Yellow/CN-Panel/1	26 White/E-Rack/2	1L-C04	Cat 6	White/Orange	568B (LAN)	LAN Jack

Data Bus / Port #1

One other connection in panel.

MCP 1 Programming RS-232 Bus

2-Port Serial LAN Interface

Bus Address = MCP:1-1

<i>Bus Cable</i>				<i>Bus Wires</i>				Device Connection
Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-C35 <i>1L-C35</i>	Serial Cable	MCP 1 Programming RS-232 Bus	3 <i>This Panel Only</i>	1L-C35	Patch	RS-232 Cable	RS-232	RS-232 Port #1

Data Bus / Port #2

One other connection in panel.

MCP 2 Programming RS-232 Bus

2-Port Serial LAN Interface

Bus Address = MCP:2-1

<i>Bus Cable</i>				<i>Bus Wires</i>				Device Connection
Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-C36 <i>1L-C36</i>	Serial Cable	MCP 2 Programming RS-232 Bus	3 <i>This Panel Only</i>	1L-C36	Patch	RS-232 Cable	RS-232	RS-232 Port #2

Power Adapter (120 Vac)

One other connection in panel.

Serial/LAN Interface Power Adapter

2-Port Serial LAN Interface

<i>Source Cable(s)</i>				<i>Source Wires</i>				Device Connection
Circuit ID <i>Cable ID</i>	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	
1L-P18 <i>1L-P18</i>	Plug	Serial/LAN Interface Power Adapter	3 <i>This Panel Only</i>	1L-P18	Plug	Narrow Spade	Hot	Narrow Spade
				1L-P18	Plug	Wide Spade	Neutral	Wide Spade

Spare Cable Group Tag Number na

Not Connected / #1 **(spare)**

Spare Cable Group

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1C-C126 1C-C126	Cat 5e	(spare)	64 Red/XL-Dim/1

Not Connected / #2 **(spare)**

Spare Cable Group

Circuit ID Cable ID	Style	Location & Name	Length & Destination
2H-C103 2H-C103	Cat 5e	(spare)	26 Orange/XL-Dim/2

Not Connected / #3 **(spare)**

Spare Cable Group

Circuit ID Cable ID	Style	Location & Name	Length & Destination
2H-C102 2H-C102	Cat 5e	(spare)	26 Orange/XL-Dim/2

Not Connected / #4 **Blue: Spare**

Spare Cable Group

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1G-A31 1G-A31	18-2	Blue: Spare	42 Blue/XL-Dim					

Not Connected / #5 **(spare)**

Spare Cable Group

Circuit ID Cable ID	Style	Location & Name	Length & Destination
2H-C107 2H-C107	Cat 5e	(spare)	26 Orange/XL-Dim/1

Not Connected / #6 **(spare)**

Spare Cable Group

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1G-C112 1G-C112	Cat 5e	(spare)	42 Blue/XL-Dim

Not Connected / #7 **(spare)**

Spare Cable Group

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1G-C113 1G-C113	Cat 5e	(spare)	42 Blue/XL-Dim

Not Connected / #8**(spare)**

Spare Cable Group

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1G-C114 1G-C114	Cat 5e	(spare)	42 Blue/XL-Dim

Not Connected / #10**(spare)**

Spare Cable Group

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1F-C118 1F-C118	Cat 5e	(spare)	50 Green/XL-Dim

Not Connected / #12**(spare)**

Spare Cable Group

Circuit ID Cable ID	Style	Location & Name	Length & Destination
1G-C120 1G-C120	Cat 5e	(spare)	41 Blue/XL-HVRB

Outlet, Strip (15A)	"Outlet Strip, UPS Loads 2"	(Part TBD)	Tag Number 0392
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Power In (120 Vac)

UPS Loads 2

Outlet, Strip (15A)

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-55	14-2	UPS Loads 2	45	1L-55	14	Black	Hot	Hot
1L-55			Multiple	1L-55	14	White	Neutral	Neutral

Receptacle / Receptacle #1

One other connection in panel.

MCP 1 Power Adapter

Outlet, Strip (15A)

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-P07	Plug	MCP 1 Power Adapter	3	1L-P07	Plug	Narrow Spade	Hot	#1 (Hot)
1L-P07			This Panel Only	1L-P07	Plug	Wide Spade	Neutral	#1 (Neutral)

Receptacle / Receptacle #2

One other connection in panel.

MCP 2 Power Adapter

Outlet, Strip (15A)

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-P17	Plug	MCP 2 Power Adapter	3	1L-P17	Plug	Narrow Spade	Hot	#2 (Hot)
1L-P17			This Panel Only	1L-P17	Plug	Wide Spade	Neutral	#2 (Neutral)

Receptacle / Receptacle #3

One other connection in panel.

Serial/LAN Interface Power Adapter

Outlet, Strip (15A)

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-P18	Plug	Serial/LAN Interface Power Adapter	3	1L-P18	Plug	Narrow Spade	Hot	#3 (Hot)
1L-P18			This Panel Only	1L-P18	Plug	Wide Spade	Neutral	#3 (Neutral)