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F 9	Corridor/Stairwell, 1 or 2-Zone, Occupancy High/Low Dim, 1 Daylight Zone Photo sensor inputs for 1 daylight zone(PC-1), Motion sensor inputs for Occupancy On-High/Off or Dim level control with Building Open/Closed change of sequence Remote digital CAT-5 LightSync G3 control On-Off(Open)/Timed On-2Hr (Closed) Key switch or 1-Button switch's, and Optional hardwired key switch input (OSC: 03.4)
F A	Four Office, 1-Zone each, Occupancy, 1-Daylight Zone, MZD1, 2-Scene Remote Photo sensor inputs for daylight zones (PC1 to 4 LS: 2A, 2C, 2D, 30), Motion sensor inputs for Occupancy On at 50% Remote digital CAT-5 LightSync G3 MZD On-50%/Off, 1-button Non-Dim switches for local room control, G3 2-Scene, Dim to 0%-Off + Raise/Lower
F B	Four Office, 1-Zone each, Vacancy sensor, 1-Daylight Zone, MZD1, 2-Scene Remote Photo sensor inputs for daylight zones (PC1 to 4 LS: 2A, 2C, 2D, 30), Motion sensor inputs for Vacancy Off & Dimming on at 50% Remote digital CAT-5 LightSync G3 MZD On-50%/Off, 1-button Non-Dim switches for local room control, G3 2-Scene, Dim to 0%-Off + Raise/Lower
F C	Two Office, 1 or 2-Zone, 1-Daylight Zones, MZD1, MZD2 Photo sensor inputs for 1 daylight zone per room, motion sensor inputs for Occupancy On at 50% control Remote digital CAT-5 LightSync G3 MZD-2 or MZD-1 per room, standard button switches for local room control
F D	Two Office, 1 or 2-Zone, 1-Daylight Zones, MZD1, MZD2 Photo sensor inputs for 1 daylight zone per room, motion sensor inputs for Vacancy control, Remote digital CAT-5 LightSync G3 MZD-2 or MZD-1 per room, standard button switches for local room control
F E	Open Office, 3 or 4-Zone Open/Close Timer sweep, 2-independent Daylight Zones Photo sensor inputs for 1 or 2 daylight zones, Timer 1 Open - 6:00am ON / Timer 2 Close - 10:00pm - Off sweep repeated every 2 hours w/Blink Alert Remote digital CAT-5 LightSync G3 MZD4 or MZD3, standard button switches for local room control
F F	Open Office, 3 or 4-Zone Motion-On (Open) On/Off (Close time), 2-independent Daylight. Photo sensor inputs for 1 or 2 daylight zones, Timer 1 Open 6:00am ON / Timer 2 Close - 10:00pm - Off sweep repeated every 2 hours Remote digital CAT-5 LightSync G3 MZD4, or MZD3, standard button switches for local room control, Occupancy Sensor Inputs change from "On Only" during the day to ON/Off at night

1-Room, 4-Zone - EVO Pre-Program: F0

Singe Room with 4 lighting zones of On/Off and Dimming control

Photo sensor inputs for 1 or 2 daylight zones, two LightSync G3 4-Scene switch stations, two LSG3-4-MZD switch stations for control of all zones.

Hardwired and LightSync motion sensor inputs for Occupancy On at 50%, Vacancy or Occupancy On 100%/50% Open hours and 100%/Off Closed hours

Node Address:	Output:	EVO Photocells		EVO Hardwire Inputs - 24V Motion Sensor				LightSync G3 Switches		Combine OCC	Occupancy		Vacancy		
	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LSG3 4-Scene	LSG3 4-MZD	Virtual	LSCS Occ	LSCS Occ	LSCS Vac	LSCS Vac	LSCS Vac
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04/05	LS: 06/07	LS: 08	LS: 09	LS: 0A	LS: 0B	LS: 0C	LS: 0D
F 0	Relay 1			Occ-on/off	Vacancy-off	Occ-On		S:1,2,3,4,5-Off	PB:1 On/Off	IN-1	Occ-on/off	Occ-on/off	Vacancy-off	Vacancy-off	Vacancy-off
	Dim 01.1			On-50%		100 / 50%		Ramp Up/Dn	Ramp Up/Dn	LS:03,09,0A,10	On-50%	On-50%	Inv-in 0%	Inv-in 0%	Inv-in 0%
	Relay 2			Occ-on/off	Vacancy-off	Occ-On		S:1,2,3,4,5-Off	PB:2-on/off	IN-2	Occ-on/off	Occ-on/off	Vacancy-off	Vacancy-off	Vacancy-off
	Dim 01.2			On-50%		100 / 50%		Ramp Up/Dn	Ramp Up/Dn	LS: 0B, 0C, 0D	On-50%	On-50%	Inv-in 0%	Inv-in 0%	Inv-in 0%
MSB / LSB	Relay 3	Daylight -10%		Occ-on/off	Vacancy-off	Occ-On		S:1,2,3,4,5-Off	PB:3-on/off	IN-3	Occ-on/off	Occ-on/off	Vacancy-off	Vacancy-off	Vacancy-off
	Dim 01.3			On-50%		100 / 50%		Ramp Up/Dn	Ramp Up/Dn	LS: 0E, 0F, 11	On-50%	On-50%	Inv-in 0%	Inv-in 0%	Inv-in 0%
	Relay 4		Full scale	Occ-on/off	Vacancy-off	Occ-On		S:1,2,3,4,5-Off	PB:4-on/off		Occ-on/off	Occ-on/off	Vacancy-off	Vacancy-off	Vacancy-off
	Dim 01.4			On-50%		100 / 50%		Ramp Up/Dn	Ramp Up/Dn		On-50%	On-50%	Inv-in 0%	Inv-in 0%	Inv-in 0%
				(O8.1)	Open=100/50% Closed=100/Off				PB:5-Off 0%	PB:5-Off R1-4	Occ (O8.1)		Occ (O8.1)	Vac (O8.2)	Vac (O8.2)

Node Address:	Output:	High/Low - Open/Closed		Occupancy	Hi/Low			Additional/Duplicate LSG3 Switches for 3-Way operation							
	Relay #	LSCS Occ	LSCS Occ	LSCS Occ	LSCS Occ			LSG3 4-Scene	LSG3 4-MZD						
F 0	Dimmer #	LS: 0E	LS: 0F	* LS: 10	LS: 11	LS: 12	LS: 13	LS: 14/15	LS: 16/17	LS:18	LS:19	LS:1A	LS:1B	LS:1C	LS:1D
	Relay 1	Occ-On	Occ-On	Occ-on/off	Occ-On			S:1,2,3,4,5-Off	PB:1 On/Off						
	Dim 01.1	100 / 50-0%	100 / 50-0%	On-50%	100 / 50-0%			Ramp Up/Dn	Ramp Up/Dn						
	Relay 2	Occ-On	Occ-On	Occ-on/off	Occ-On			S:1,2,3,4,5-Off	PB:2-on/off						
	Dim 01.2	100 / 50-0%	100 / 50-0%	On-50%	100 / 50-0%			Ramp Up/Dn	Ramp Up/Dn						
MSB / LSB	Relay 3	Occ-On	Occ-On	Occ-on/off	Occ-On			S:1,2,3,4,5-Off	PB:3-on/off						
	Dim 01.3	100 / 50-0%	100 / 50-0%	On-50%	100 / 50-0%			Ramp Up/Dn	Ramp Up/Dn						
	Relay 4	Occ-On	Occ-On	Occ-on/off	Occ-On			S:1,2,3,4,5-Off	PB:4-on/off						
	Dim 01.4	100 / 50-0%	100 / 50-0%	On-50%	100 / 50-0%			Ramp Up/Dn	Ramp Up/Dn						
		Occ/Dim (O8.3) Occ/Dim (O8.3)		Occ(O8.1)	Occ/Dim (O8.3)			PB:5-Off 0%	PB:5-Off R1-4						
		Open=100/50, Closed=100/Off													

This Application is intended for a Singe room with 4-zones, it supports two 4-Scene switch (LS:04 & 14) providing 4-scene recall and capture + Off at 0%, Ramp-Up/Down dimming control.

Scene level can be Captured onsite by holding Scene button's 1 to 4, LS14 supports a 2nd Scene switch for 3-way operation.

Scene levels are preset for: Scene 1 = 100%, Scene 2 = 65%, Scene 3 = 30%, Scene 4 = 10%, Scene 5/Off = 0%.

Two 4-Zone MZD stations (LS:04 & 14) for on/off and dimming control of each zone.

Photosensor input 1 controls zone-3 and PC-2 controls zone-4, a single PC sensor can be connected to both inputs to reduce sensor hardware if combined control is required.

Hardwired Occupancy inputs at the EVO panel and LightSync Ceiling Sensor LSCS are set for In:1 On-50%/Off (combined at O8.1 with LSCS:09, 0A, 10), In:2 Vacancy Off Only or O8.2 - 0B, 0C, 0D Occ In:3 or LSCS:0E, 0F, 11) On=100%/Off=50% during Open Hours, On=100%/Relay Off during Closed Hours (Open 8:00AM, Close 9:00 PM), In:4 Unused.

LightSync Address 08 is a Virtual device configured to Combine Occupancy inputs for If/Then shared control (Only hardwire 03.1 can be combined with LSCS devices).

* LightSync Ceiling Sensors are shipped at default address LS:10, Installer to change address as installing based on quantity and operation required.

4 Zone General Room - EVO Pre-Program: F1

General Room, 3 or 4-Zone, 2-independent Daylight Zones, MZD4, MZD3, MZD2, MZD1

Photo sensor inputs for 2 independent daylight zones with individual sensors, motion sensor inputs for Occupancy-On 50%, Vacancy control or Occupancy On at 100%/Off 50%

Remote digital CAT-5 LightSync G3 MZD or standard button switches for local room control w/3-ways, 1- Zone switch w/dimming

Node	Output:	EVO Photocells		EVO Inputs - 24V Motion Sensor				Remote LightSync G3 Input Devices						
Address:	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LSG3 4-MZD	LSG3 3-MZD	Virtual	LSG3 2-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04/05	LS: 06/07	LS: 08	LS: 09/0A	LS: 0B	LS: 0C	LS: 0D
F 1	Relay 1 Dim 01.1			Occ-On/Off On-50%	Vacancy-off	Occ-On 100 / 50%		PB:1-on/off Ramp Up/Dn	PB:1-on/off Ramp Up/Dn	IN-1 OCC 50% LS:03, 0F, 10	PB:1-on/off Ramp Up/Dn	PB:1-on/off Ramp Up/Dn		
	Relay 2 Dim 01.2			Occ-On/Off On-50%	Vacancy-off	Occ-On 100 / 50%		PB:2-on/off Ramp Up/Dn	PB:2-on/off Ramp Up/Dn	IN-2 -Vacancy LS: 11, 12	PB:2-on/off Ramp Up/Dn		PB:1-on/off Ramp Up/Dn	
	Relay 3 Dim 01.3		Full scale	Occ-On/Off On-50%/PC2	Vacancy-off	Occ-On 100 / 50%		PB:3-on/off Ramp Up/Dn	PB:3-on/off Ramp Up/Dn	IN-3Occ.Dim.Off LS: 13, 23				PB:1-on/off Ramp Up/Dn
	Relay 4 Dim 01.4	Full scale		Occ-On/Off On-50%/PC1	Vacancy-off	Occ-On 100 / 50%		PB:4-on/off Ramp Up/Dn						PB:1-on/off Ramp Up/Dn
		Occ (8.1)		Open=100/50%		Closed=100/Off		PB:5-Off R1-4	PB:4-Off R1-3	OCC Combine	PB:3-Off R1,2			

LightSync Ceiling Sensors , Additional G3 switch addresses for 3-Way operation

Node	Output:	LSCS Occupancy On-50%		LSCS Vacancy		LSCS Occ-Dim /Off		Additional G3 Switches for 3-Way operation (Duplicate devices)							
Address:	Relay #							LSG3 4-MZD	LSG3 3-MZD	LSG3 2-MZD	LSG3 2-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD
F 1	Dimmer #	LSCS:0F OCC	LSCS:10 OCC	LSCS:11 VAC	LSCS:12 VAC	LSCS:13	LSCS:23	LS: 14/15	LS: 16/17	LS: 29/2A	LS: 19/1A	LS: 1B	LS: 1C	LS: 1D	LS:1E
	Relay 1 Dim 01.1	Occ-On/Off On-50%	Occ-On/Off On-50%	Vacancy-off	Vacancy-off	Occ-On 100 / 50%	Occ-On 100 / 50%	PB:1-on/off Ramp Up/Dn	PB:1-on/off Ramp Up/Dn		PB:1-on/off Ramp Up/Dn	PB:1-on/off Ramp Up/Dn			
	Relay 2 Dim 01.2	Occ-On/Off On-50%	Occ-On/Off On-50%	Vacancy-off	Vacancy-off	Occ-On 100 / 50%	Occ-On 100 / 50%	PB:2-on/off Ramp Up/Dn	PB:2-on/off Ramp Up/Dn		PB:2-on/off Ramp Up/Dn		PB:1-on/off Ramp Up/Dn		
	Relay 3 Dim 01.3	Occ-On/Off On-50%/PC2	Occ-On/Off On-50%/PC2	Vacancy-off	Vacancy-off	Occ-On 100 / 50%	Occ-On 100 / 50%	PB:3-on/off Ramp Up/Dn	PB:3-on/off Ramp Up/Dn	PB:1-on/off Ramp Up/Dn				PB:1-on/off Ramp Up/Dn	
MSB / LSB	Relay 4 Dim 01.4	Occ-On/Off On-50%/PC1	Occ-On/Off On-50%/PC1	Vacancy-off	Vacancy-off	Occ-On 100 / 50%	Occ-On 100 / 50%	PB:4-on/off Ramp Up/Dn		PB:2-on/off Ramp Up/Dn					PB:1-on/off Ramp Up/Dn
	Occ (8.1)		Occ (8.1)	Vac (8.2)	Vac (8.2)	Occ/Dim(08.3)	Occ/Dim(08.3)	PB:5-Off R1-4	PB:4-Off R1-3	PB:3-Off R3,4	PB:3-Off R1,2				
Open=100/50, Closed=100/Off															

4 Zone General Room - EVO Pre-Program: F2

General Room, 3 or 4-Zone, 2-independent Daylight Zones, MZD4, MZD3, MZD2, MZD1

Photo sensor inputs for 2 independent daylight zones with individual sensors, motion sensor inputs for Occupancy-On 50%, Vacancy control or Occupancy On at 100%/Off 50%

Remote digital CAT-5 LightSync G3 MZD or standard button switches for local room control w/3-ways, 1- Zone switch w/dimming

Node	Output:	EVO Photocells		EVO Inputs - 24V Motion Sensor				Remote LightSync G3 Input Devices							
Address:	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LSG3 4-MZD	LSG3 3-MZD	Virtual	LSG3 2-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04/05	LS: 06/07	LS: 08	LS: 09/0A	LS: 0B	LS: 0C	LS: 0D	LS: 0E
F 2	Relay 1 Dim 01.1			Occ-On/Off On-50%	Vacancy-off	Occ-On 100 / 50%		PB:1-on/off Ramp Up/Dn	PB:1-on/off Ramp Up/Dn	IN-1 OCC 50% LS:03, 0F, 10	PB:1-on/off Ramp Up/Dn	PB:1-on/off Ramp Up/Dn			
	Relay 2 Dim 01.2			Occ-On/Off On-50%	Vacancy-off	Occ-On 100 / 50%		PB:2-on/off Ramp Up/Dn	PB:2-on/off Ramp Up/Dn	IN-2 -Vacancy LS: 11, 12	PB:2-on/off Ramp Up/Dn		PB:1-on/off Ramp Up/Dn		
	Relay 3 Dim 01.3	-10% scale		Occ-On/Off On-50%/PC2	Vacancy-off	Occ-On 100 / 50%		PB:3-on/off Ramp Up/Dn	PB:3-on/off Ramp Up/Dn	IN-3Occ.Dim.Off LS: 13, 23				PB:1-on/off Ramp Up/Dn	
	Relay 4 Dim 01.4	Full scale		Occ-On/Off On-50%/PC1	Vacancy-off	Occ-On 100 / 50%		PB:4-on/off Ramp Up/Dn							PB:1-on/off Ramp Up/Dn
		Occ (8.1)		Open=100/50% Closed=100/Off				PB:5-Off R1-4	PB:4-Off R1-3	OCC Combine	PB:3-Off R1,2				

LightSync Ceiling Sensors , Additional G3 switch addresses for 3-Way operation

Node Address:	Output:	LSCS Occupancy On-50%		LSCS Vacancy		LSCS Occ-Dim /Off		Additional G3 Switches for 3-Way operation (Duplicate devices)							
	Relay # Dimmer #							LSG3 4-MZD	LSG3 3-MZD	LSG3 2-MZD	LSG3 2-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD
F 2		LSCS:0F OCC	LSCS:10 OCC	LSCS:11 VAC	LSCS:12 VAC	LSCS:13	LSCS:23	LS: 14/15	LS: 16/17	LS: 29/2A	LS: 19/1A	LS: 1B	LS: 1C	LS: 1D	LS:1E
	Relay 1 Dim 01.1	Occ-On/Off On-50%	Occ-On/Off On-50%	Vacancy-off	Vacancy-off	Occ-On 100 / 50%	Occ-On 100 / 50%	PB:1-on/off Ramp Up/Dn	PB:1-on/off Ramp Up/Dn		PB:1-on/off Ramp Up/Dn	PB:1-on/off Ramp Up/Dn			
	Relay 2 Dim 01.2	Occ-On/Off On-50%	Occ-On/Off On-50%	Vacancy-off	Vacancy-off	Occ-On 100 / 50%	Occ-On 100 / 50%	PB:2-on/off Ramp Up/Dn	PB:2-on/off Ramp Up/Dn		PB:2-on/off Ramp Up/Dn		PB:1-on/off Ramp Up/Dn		
	Relay 3 Dim 01.3	Occ-On/Off On-50%/PC2	Occ-On/Off On-50%/PC2	Vacancy-off	Vacancy-off	Occ-On 100 / 50%	Occ-On 100 / 50%	PB:3-on/off Ramp Up/Dn	PB:3-on/off Ramp Up/Dn	PB:1-on/off Ramp Up/Dn				PB:1-on/off Ramp Up/Dn	
MSB / LSB	Relay 4 Dim 01.4	Occ-On/Off On-50%/PC1	Occ-On/Off On-50%/PC1	Vacancy-off	Vacancy-off	Occ-On 100 / 50%	Occ-On 100 / 50%	PB:4-on/off Ramp Up/Dn		PB:2-on/off Ramp Up/Dn					PB:1-on/off Ramp Up/Dn
		Occ (8.1)	Occ (8.1)	Vac (8.2)	Vac (8.2)	Occ/Dim(O8.3)	Occ/Dim(O8.3)	PB:5-Off R1-4	PB:4-Off R1-3	PB:3-Off R3,4	PB:3-Off R1,2				
						Open=100/50, Closed=100/Off									

2-Rooms , 2-Zone each - EVO Pre-Program: F3

Two Office, 1 or 2-Zone, 1-Daylight Zones, MZD1, MZD2

Photo sensor inputs for 1 daylight zone per room, motion sensor inputs for Occupancy On at 50% or Vacancy control,

Remote digital CAT-5 LightSync G3 MZD-2 or MZD-1 per room, standard button switches for local room control

Node	Output:	EVO Photocells		EVO Hardwire Inputs - 24V Motion Sensor				Remote LightSync Input Devices						
Address:	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	Virtual	LSG3 2-MZD	LSG3 2-MZD
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04	LS: 05	LS: 06	LS: 07	LS: 08	LS: 09/0A	LS: 0B/0C
F 3	Relay 1 Dim 01.1			Occ-on/off On-50%	Vacancy-off			PB:1-on/off Ramp Up/Dn				IN-1 Occ-R1,2 LS:03, 0D, 0F	PB:1-on/off Ramp Up/Dn	
	Relay 2 Dim 01.2	Full scale		Occ-on/off On-50%/PC1	Vacancy-off				PB:1-on/off Ramp Up/Dn			IN-2 Vac-R1,2 LS: 10	PB:2-on/off Ramp Up/Dn	
	Relay 3 Dim 01.3					Occ-on/off On-50%	Vacancy-off			PB:1-on/off Ramp Up/Dn		IN-3 Occ-R3,4 LS:11, 13		PB:1-on/off Ramp Up/Dn
	Relay 4 Dim 01.4		Full Scale			Occ-on/off On-50%/PC2	Vacancy-off				PB:1-on/off Ramp Up/Dn	IN-4 Vac-R3,4 LS: 18		PB:2-on/off Ramp Up/Dn
Occ (8.1)												OCC Combine	PB:3-Off R1,2	PB:3-Off R3,4

Additional G3 switch addresses for 3-Way operation

Node	Output:	LightSync Digital Wall Sensors switches or Ceiling Sensors						Duplicate / Additional G3 Switches for 3-Way operation						
Address:	Relay #	LSWS -2-MZD	LSCS -Occ	LSCS-Vac	LSWS - 2-MZD	LSCS-Occ	LSCS-Vac	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD		LSG3 2-MZD	LSG3 2-MZD
	Dimmer #	LS:0D/0E	LS:0F	LS:10	LS:11/12	LS:13	LS:18	LS: 14	LS: 15	LS: 16	LS: 17		LS: 19/1A	LS: 1B/1C
F 3	Relay 1 Dim 01.1	PB:3-on/off On-50%	Occ-on/off On-50%	Vacancy-off				PB:1-on/off Ramp Up/Dn					PB:1-on/off Ramp Up/Dn	
	Relay 2 Dim 01.2	PB:4-on/off On-50%/PC1	Occ-on/off On-50%/PC1	Vacancy-off					PB:1-on/off Ramp Up/Dn				PB:2-on/off Ramp Up/Dn	
	Relay 3 Dim 01.3				PB:3-on/off Ramp Up/Dn	Occ-on/off On-50%	Vacancy-off			PB:1-on/off Ramp Up/Dn				PB:1-on/off Ramp Up/Dn
	Relay 4 Dim 01.4				PB:4-on/off Ramp Up/Dn	Occ-on/off On-50%/PC2	Vacancy-off				PB:1-on/off Ramp Up/Dn			PB:2-on/off Ramp Up/Dn
		Occ (8.1)	Occ (8.1)	Vac (8.2)	Occ (8.3)	Occ (8.3)	Vac (8.4)							PB:3-Off R1,2 PB:3-Off R3,4

2-Rooms , 2-Zone each - EVO Pre-Program: F4

Two Office, 1 or 2-Zone, 1-Daylight Zones, MZD1, MZD2

Photo sensor inputs for 1 daylight zone per room, motion sensor inputs for Occupancy On at 50% or Vacancy control,

Remote digital CAT-5 LightSync G3 MZD-2 or MZD-1 per room, standard button switches for local room control

Node	Output:	EVO Photocells		EVO Hardwire Inputs - 24V Motion Sensor				Remote LightSync Input Devices						
Address:	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	Virtual	LSG3 2-MZD	LSG3 2-MZD
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04	LS: 05	LS: 06	LS: 07	LS: 08	LS: 09/0A	LS: 0B/0C
F 4	Relay 1 Dim 01.1	-10% scale		Occ-on/off On-50%	Vacancy-off			PB:1-on/off Ramp Up/Dn				IN-1 Occ-R1,2 LS:03, 0D, 0F	PB:1-on/off Ramp Up/Dn	
	Relay 2 Dim 01.2	Full scale		Occ-on/off On-50%/PC1	Vacancy-off				PB:1-on/off Ramp Up/Dn			IN-2 Vac-R1,2 LS: 10	PB:2-on/off Ramp Up/Dn	
	Relay 3 Dim 01.3		-10% scale			Occ-on/off On-50%	Vacancy-off			PB:1-on/off Ramp Up/Dn		IN-3 Occ-R3,4 LS:11, 13		PB:1-on/off Ramp Up/Dn
	Relay 4 Dim 01.4		Full Scale			Occ-on/off On-50%/PC2	Vacancy-off				PB:1-on/off Ramp Up/Dn	IN-4 Vac-R3,4 LS: 18		PB:2-on/off Ramp Up/Dn
Occ (8.1)												OCC Combine	PB:3-Off R1,2	PB:3-Off R1,2

Additional G3 switch addresses for 3-Way operation

Node	Output:	LightSync Digital Ceiling or Wall Sensors - SEE LS:08 Combine inputs						Duplicate / Additional G3 Switches for 3-Way operation						
Address:	Relay #	LSWS -2-MZD	LSCS -Occ	LSCS-Vac	LSWS - 2-MZD	LSCS-Occ	LSCS-Vac	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD		LSG3 2-MZD	LSG3 2-MZD
	Dimmer #	LS:0D/0E	LS:0F	LS:10	LS:11/12	LS:13	LS:18	LS: 14	LS: 15	LS: 16	LS: 17		LS: 19/1A	LS: 1B/1C
F 4	Relay 1 Dim 01.1	PB:3-on/off On-50%	Occ-on/off On-50%	Vacancy-off				PB:1-on/off Ramp Up/Dn					PB:1-on/off Ramp Up/Dn	
	Relay 2 Dim 01.2	PB:4- on/off On-50%/PC1	Occ-on/off On-50%/PC1	Vacancy-off					PB:1-on/off Ramp Up/Dn				PB:2-on/off Ramp Up/Dn	
	Relay 3 Dim 01.3				PB:3-on/off Ramp Up/Dn	Occ-on/off On-50%	Vacancy-off			PB:1-on/off Ramp Up/Dn				PB:1-on/off Ramp Up/Dn
	Relay 4 Dim 01.4				PB:4-on/off Ramp Up/Dn	Occ-on/off On-50%/PC2	Vacancy-off				PB:1-on/off Ramp Up/Dn			PB:2-on/off Ramp Up/Dn
		Occ (8.1)	Occ (8.1)	Vac (8.2)	Occ (8.3)	Occ (8.3)	Vac (8.4)							PB:3-Off R1,2
													PB:3-Off R1,2	PB:3-Off R1,2

2-Rooms , 3-Zone/1-Zone - EVO Pre-Program: F5

Two Room, 3-Zone, 2 Daylight Zone & 1-Zone, 1-Daylight Zone

Photo sensor inputs for 2 daylight zone in the 3-zone room and 1 daylight sensor in the 1-zone room, motion sensor inputs for Occupancy on at 50% or Vacancy control,

Remote digital CAT-5 LightSync G3 MZD or standard button switches for local room control

Node	Output:	EVO Photocells		EVO Inputs - 24V Motion Sensor				Remote LightSync Input Devices								
Address:	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LSG3 3-MZD	LSG3 2-MZD	Virtual	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSCS-Occ	
F 5	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04/05	LS: 06/07	LS: 08	LS: 09	LS: 0A	LS: 0B	LS: 0C	LS: 0D	
	Relay 1			Occ-on/off	Vacancy-off			PB:1-on/off	PB:1-on/off	IN-1 Occ-R1,2,3	PB:1-on/off				Occ-on/off	
	Dim 01.1			On-50%				Ramp Up/Dn	Ramp Up/Dn	LS:03, 0D,0E,10	Ramp Up/Dn				On-50%	
	Relay 2			Occ-on/off	Vacancy-off			PB:2-on/off	PB:2-on/off	IN-2 Vac-R1,2,3		PB:1-on/off			Occ-on/off	
	Dim 01.2			On-50%				Ramp Up/Dn	Ramp Up/Dn	LS: 11,12		Ramp Up/Dn			On-50%	
MSB / LSB	Relay 3			Occ-on/off	Vacancy-off			PB:3 on/off		IN-3 Occ-R4			PB:1-on/off		Occ-on/off	
	Dim 01.3	Full scale		On-50%/PC1				Ramp Up/Dn		LS:18,1A			Ramp Up/Dn		On-50%/PC1	
	Relay 4					Occ-on/off	Vacancy-off			IN-4 Vac-R4				PB:1-on/off		
	Dim 01.4		Full Scale			On-50%/PC2				LS: 1D				Ramp Up/Dn		
Occ (08.1)								PB:4-Off R1-3	PB:3-Off R1,2	OCC Combine	Occ (8.1)					

LightSync Digittal Ceiling Snesor and Duplicate devices

Node	Output:	Additional Ceiling Sensor devices						Duplicate 3-Ways G3's		LS Wall Sensor and LS Ceiling Sensor devices and LSG3-1MZD for Zone 4					
Address:	Relay #	LSCS-Occ	LSCS-Occ	LSCS-Vac	LSCS-Vac			LSG3 MZD3	LSG3 MZD2	LSWS 1-MZD	LSCS-Occ		LSG3 1-MZD	LSCS-Vac	
	Dimmer #	LS: 0E	LS: 0F	LS: 10	LS: 11	LS: 12	LS: 13	LS: 14/15	LS: 16/17	LS: 18/19	LS: 1A	LS: 1B	LS: 1C	LS: 1D	
F 5	Relay 1	Occ-on/off		Occ-on/off	Vacancy-off	Vacancy-off		PB:1-on/off	PB:1-on/off						
	Dim 01.1	On-50%		On-50%				Ramp Up/Dn	Ramp Up/Dn						
	Relay 2	Occ-on/off		Occ-on/off	Vacancy-off	Vacancy-off		PB:2-on/off	PB:2-on/off						
	Dim 01.2	On-50%		On-50%				Ramp Up/Dn	Ramp Up/Dn						
MSB / LSB	Relay 3	Occ-on/off		Occ-on/off	Vacancy-off	Vacancy-off		PB:3-on/off							
	Dim 01.3	On-50%/PC1		On-50%/PC1				Ramp Up/Dn							
	Relay 4									PB:3 on/off	Occ-on/off		PB:3 on/off	Vacancy-off	
	Dim 01.4									Ramp Up/Dn	On-50%		Ramp Up/Dn		
Occ (08.1)		Occ (08.1)		Vac (08.2)		Vac (08.2)		PB:4-Off R1-3	PB:3-Off R1,2	Occ (08.3)	Occ (08.3)	Vac (08.4)			

2-Rooms , 3-Zone/1-Zone - EVO Pre-Program: F6

Two Room, 3-Zone, 2 Daylight Zone & 1-Zone, 1-Daylight Zone

Photo sensor inputs for 2 daylight zone in the 3-zone room and 1 daylight sensor in the 1-zone room, motion sensor inputs for Occupancy on at 50% or Vacancy control,

Remote digital CAT-5 LightSync G3 MZD or standard button switches for local room control

Node	Output:	EVO Photocells		EVO Inputs - 24V Motion Sensor				Remote LightSync Input Devices							
Address:	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LSG3 3-MZD	LSG3 2-MZD	Virtual	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSCS-Occ
F 6	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04/05	LS: 06/07	LS: 08	LS: 09	LS: 0A	LS: 0B	LS: 0C	LS: 0D
	Relay 1 Dim 01.1			Occ-on/off On-50%	Vacancy-off			PB:1-on/off Ramp Up/Dn	PB:1-on/off Ramp Up/Dn	IN-1 Occ-R1,2,3 LS:03, 0D,0E,10	PB:1-on/off Ramp Up/Dn				Occ-on/off On-50%
	Relay 2 Dim 01.2	-10% scale		Occ-on/off On-50%	Vacancy-off			PB:2-on/off Ramp Up/Dn	PB:2-on/off Ramp Up/Dn	IN-2 Vac-R1,2,3 LS: 11,12		PB:1-on/off Ramp Up/Dn			Occ-on/off On-50%
	Relay 3 Dim 01.3	Full scale		Occ-on/off On-50%/PC1	Vacancy-off			PB:3 on/off Ramp Up/Dn		IN-3 Occ-R4 LS:18,1A			PB:1-on/off Ramp Up/Dn		Occ-on/off On-50%/PC1
	Relay 4 Dim 01.4		Full Scale			Occ-on/off On-50%/PC2	Vacancy-off			IN-4 Vac-R4 LS: 1D				PB:1-on/off Ramp Up/Dn	
Occ (08.1)								PB:4-Off R1-3	PB:3-Off R1,2	OCC Combine	Occ (8.1)				

LightSync Digittal Ceiling Snesor and Duplicate devices

Node	Output:	Additional Ceiling Sensor devices						Duplicate 3-Ways G3's		LS Wall Sensor and LS Ceiling Sensor devices and LSG3-1MZD for Zone 4					
Address:	Relay #	LSCS-Occ		LSCS-Occ	LSCS-Vac	LSCS-Vac		LSG3 MZD3	LSG3 MZD2	LSWS 1-MZD	LSCS-Occ		LSG3 1-MZD	LSCS-Vac	
F 6	Dimmer #	LS: 0E	LS: 0F	LS: 10	LS: 11	LS: 12	LS: 13	LS: 14/15	LS: 16/17	LS: 18/19	LS: 1A	LS: 1B	LS: 1C	LS: 1D	
	Relay 1 Dim 01.1	Occ-on/off On-50%		Occ-on/off On-50%	Vacancy-off	Vacancy-off		PB:1-on/off Ramp Up/Dn	PB:1-on/off Ramp Up/Dn						
	Relay 2 Dim 01.2	Occ-on/off On-50%		Occ-on/off On-50%	Vacancy-off	Vacancy-off		PB:2-on/off Ramp Up/Dn	PB:2-on/off Ramp Up/Dn						
	Relay 3 Dim 01.3	Occ-on/off On-50%/PC1		Occ-on/off On-50%/PC1	Vacancy-off	Vacancy-off		PB:3-on/off Ramp Up/Dn							
	Relay 4 Dim 01.4									PB:3 on/off Ramp Up/Dn	Occ-on/off On-50%		PB:3 on/off Ramp Up/Dn	Vacancy-off	
MSB / LSB		Occ (08.1)		Occ (08.1)		Vac (08.2)		Vac (08.2)		PB:4-Off R1-3		PB:3-Off R1,2		Occ (08.3) Occ (08.3) Vac (08.4)	

4-Rooms, 1-Zone Each (Occupancy) - EVO Pre-Program: F7

Four Office, 1-Zone each, Occupancy, 1-Daylight Zone, MZD1, 2-Scene

Photo sensor inputs for daylight zones (PC1 & PC2), motion sensor inputs for Occupancy On at 50%, auxiliary Photo Sensor controller inputs (PC3 & PC4)

Remote digital CAT-5 LightSync G3 MZD On-50%/Off, 1-button Non-Dim switches for local room control, G3 2-Scene, Dim to 0%-Off + Raise/Lower

Node Address:	Output:	EVO Hardwire Photocells		EVO Inputs - 24V Motion Sensor				Remote LightSync Input Devices				G3 2-Scene, Dim to Off and Raise/Lower			
Relay #		PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	Virtual	LSG3 2-Sene	LSG3 2-Sene	LSG3 2-Sene
Dimmer #		LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04	LS: 05	LS: 06	LS: 07	LS: 08	LS: 09/0A	LS: 0B/0C	LS: 0D/0E
F 7	Relay 1			Occ-on/off				On/Off				IN-1 Occ-R1	S:1,2,3-Off		
	Dim 01.1	Full scale		On-50%/PC1				Ramp Up/Dn				LS:03,21,29	Ramp Up/Dn		
	Relay 2				Occ-on/off				On/Off			IN-2 Occ-R2		S:4,5,6-Off	
	Dim 01.2		Full scale		On-50%/PC2				Ramp Up/Dn			LS: 23,2B	Ramp Up/Dn		
MSB / LSB	Relay 3					Occ-on/off				On/Off		IN-3 Occ-R3			S:7,8,9-Off
	Dim 01.3					On-50%/PC3				Ramp Up/Dn		LS: 25,2D			Ramp Up/Dn
	Relay 4						Occ-on/off				On/Off	IN-4 Occ-R4			
	Dim 01.4						On-50%/PC4				Ramp Up/Dn	LS: 27,2F			

Occ (08.1)

OCC Combine

Duplicate or Additional G3 switch addresses for 3-Way operation

Node Address:	Output:	Remote Photo Sensors Inputs					Duplicate G3 Switches for 3-Way operation				G3 2-Scene, Dim to Off and Raise/Lower			
Relay #		LSG3 2-Sene	LSPSC -3	LSPSC -4			LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD		LSG3 2-Sene	LSG3 2-Sene	LSG3 2-Sene
Dimmer #		LS: 0F/10	LS: 11	LS: 12	LS:13		LS: 14	LS: 15	LS: 16	LS: 17	LS: 18	LS: 19/1A	LS: 1B/1C	LS: 1D/1E
F 7	Relay 1						On/Off					S:1,2,3-Off		
	Dim 01.1						Ramp Up/Dn					Ramp Up/Dn		
	Relay 2							On/Off					S:4,5,6-Off	
	Dim 01.2							Ramp Up/Dn					Ramp Up/Dn	
MSB / LSB	Relay 3								On/Off					S:7,8,9-Off
	Dim 01.3		Full scale						Ramp Up/Dn					Ramp Up/Dn
	Relay 4	S:10,11,12-Off								On/Off				
	Dim 01.4	Ramp Up/Dn		Full Scale						Ramp Up/Dn				

Node Address:	Output:	LightSync Wall Sensors - 1-MZD					LightSync Ceiling Sensors								
Relay #		LSG3 2-Sene	LSWS-Occ	LSWS-Occ	LSWS-Occ	LSWS-Occ	LSCS-Occ		LSCS-Occ		LSCS-Occ		LSCS-Occ		
Dimmer #		LS: 1F/20	LS: 21/22	LS: 23/24	LS: 25/26	LS: 27/28	LS:29	LS: 2A	LS: 2B	LS: 2C	LS:2D	LS:2E	LS: 2F	LS: 30	LS: 31
F 7	Relay 1		On-50%/Off				On/Off								
	Dim 01.1		Ramp Up/Dn				On-50%/PC1								
	Relay 2			On-50%/Off					On/Off						
	Dim 01.2			Ramp Up/Dn					On-50%/PC2						
MSB / LSB	Relay 3				On-50%/Off						On/Off				
	Dim 01.3				Ramp Up/Dn						On-50%/PC3				
	Relay 4	S:10,11,12-Off				On-50%/Off							On/Off		
	Dim 01.4	Ramp Up/Dn				Ramp Up/Dn							On-50%/PC4		

Occ (08.1)

Occ (08.2)

Occ (08.3)

Occ (08.4)

Occ (08.1)

Occ (08.2)

Occ (08.3)

Occ (08.4)

4-Rooms, 1-Zone Each (Vacancy) - EVO Pre-Program: F8

Four Office, 1-Zone each, Vacancy sensor, 1-Daylight Zone, MZD1, 2-Scene

Photo sensor inputs for daylight zones (PC1 & PC2), motion sensor inputs for Vacancy Off, auxiliary Photo Sensor controller inputs (PC3 & PC4)

Remote digital CAT-5 LightSync G3 MZD On-50%/Off, 1-button Non-Dim switches for local room control, G3 2-Scene, Dim to 0%-Off + Raise/Lower

Node	Output:	EVO Hardwire Photocells		EVO Inputs - 24V Motion Sensor				Remote LightSync Input Devices					G3 2-Scene, Dim to Off and Raise/Lower		
Address:	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	Virtual	LSG3 2-Sene	LSG3 2-Sene	LSG3 2-Sene
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04	LS: 05	LS: 06	LS: 07	LS: 08	LS: 09/0A	LS: 0B/0C	LS: 0D/0E
F 8	Relay 1			Vacancy Off				On/Off				IN-1 Occ-R1	S:1,2,3-Off		
	Dim 01.1	Full scale		On-50%/PC1				Ramp Up/Dn				LS:03,21,29	Ramp Up/Dn		
	Relay 2				Vacancy Off				On/Off			IN-2 Occ-R2		S:4,5,6-Off	
	Dim 01.2		Full scale		On-50%/PC2				Ramp Up/Dn			LS: 23,2B		Ramp Up/Dn	
	Relay 3					Vacancy Off				On/Off		IN-3 Occ-R3			S:7,8,9-Off
MSB / LSB	Dim 01.3					On-50%/PC3				Ramp Up/Dn		LS: 25,2D			Ramp Up/Dn
	Relay 4						Vacancy Off				On/Off	IN-4 Occ-R4			
	Dim 01.4						On-50%/PC4				Ramp Up/Dn	LS: 27,2F			

Occ (08.1)

OCC Combine

Duplicate or Additional G3 switch addresses for 3-Way operation

Node	Output:		Remote Photo Sensors Inputs				Duplicate G3 Switches for 3-Way operation					G3 2-Scene, Dim to Off and Raise/Lower		
Address:	Relay #	LSG3 2-Sene	LSPSC -3	LSPSC -4			LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD		LSG3 2-Sene	LSG3 2-Sene	LSG3 2-Sene
	Dimmer #	LS: 0F/10	LS: 11	LS: 12	LS: 13		LS: 14	LS: 15	LS: 16	LS: 17	LS: 18	LS: 19/1A	LS: 1B/1C	LS: 1D/1E
F 8	Relay 1						On/Off					S:1,2,3-Off		
	Dim 01.1						Ramp Up/Dn					Ramp Up/Dn		
	Relay 2							On/Off					S:4,5,6-Off	
	Dim 01.2							Ramp Up/Dn					Ramp Up/Dn	
	Relay 3								On/Off					S:7,8,9-Off
MSB / LSB	Dim 01.3		Full scale						Ramp Up/Dn					Ramp Up/Dn
	Relay 4	S:10,11,12-Off								On/Off				
	Dim 01.4	Ramp Up/Dn		Full Scale						Ramp Up/Dn				

Node	Output:		LightSync Wall Sensors - 1-MZD				LightSync Ceiling Sensors							
Address:	Relay #	LSG3 2-Sene	LSWS-Vac	LSWS-Vac	LSWS-Vac	LSWS-Vac	LSCS-Vac		LSCS-Vac		LSCS-Vac		LSCS-Vac	
	Dimmer #	LS: 1F/20	LS: 21/22	LS: 23/24	LS: 25/26	LS: 27/28	LS: 29	LS: 2A	LS: 2B	LS: 2C	LS: 2D	LS: 2E	LS: 2F	LS: 30
F 8	Relay 1		Vac -Off				Vac -Off							
	Dim 01.1		Ramp Up/Dn											
	Relay 2			Vac -Off					Vac -Off					
	Dim 01.2			Ramp Up/Dn							Vac -Off			
	Relay 3				Vac -Off									
MSB / LSB	Dim 01.3				Ramp Up/Dn									
	Relay 4	S:10,11,12-Off				Vac -Off							Vac -Off	
	Dim 01.4	Ramp Up/Dn				Ramp Up/Dn								

Occ (08.1)

Occ (08.2)

Occ (08.3)

Occ (08.4)

Occ (08.1)

Occ (08.2)

Occ (08.3)

Occ (08.4)

Corridor/Stairwell-EVO Pre-Program: F9

Corridor/Stairwell, 1 or 2-Zone, Occupancy High/Low Dim, 1 Daylight Zone

Photo sensor inputs for 1 daylight zone(PC-1), Motion sensor inputs for Occupancy On-High/Off or Dim level control with Building Open/Closed change of sequence

Remote digital CAT-5 LightSync G3 control On-Off(Open)/Timed On-2Hr (Closed) Key switch or 1-Button switch's, and Optional hardwired key switch input (OSC: 03.4)

Node	Output:	Photosensor	EVO Inputs - 4-input, 24VDC Motion Sensor 200mA				Relay 1 & 2 Remote LightSync Input Devices (6 possible)				Combine			
Address:	Relay #	PC-1	IN-1	IN-2	IN-3*	IN-4	LSG3 1ZND	Duplicate LS	LSCS	LSCS	LS: 03.1, 0A-0E, 10	Combine LS 1A-1F		
	Dimmer #	LS: 01	LS: 03.1 (0F.1)	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04	LS: 05 to 09	LS:0A to 0E+10	LS: 1A to 1F	LS: 0F.1	LS: 0F.2	LS: 11	LS: 12
F 9	Relay 1		A = PB-On	A = PB-On	A = PB-On	A = PB-On	A = PB-On	A = PB-On	See LS: 0F.1	See LS: 0F.2	A = PB-On	A = PB-On		
	Dim 01.1		On 100/open 50%	On 100/open 50%	On 100/open 50%	On 100%	On 100%	On 100%	"	"	On 100/open 50%	On 100/open 50%		
MSB / LSB	"		B = PB-On	B = Timed On	B = PB-On	B = Timed On	B = Timed ON	B = Timed ON	"	"	B = PB-On	B = PB-On		
R1 & 2	"		On 100/open 30%	On 100%/+2hr Off	On 100/open 50%	On 100%	On 100%/+2hr	On 100%/+2hr	"	"	On 100/open 30%	On 100%/+2hr Off		
	Relay 2		A = PB-On	A = PB-On	A = PB-On	A = PB-On	A = PB-On	A = PB-On	"	"	A = PB-On	A = PB-On		
	Dim 01.2	Full Scale	On 100/open 50%	On 100/open 50%	On 100/open 50%	On 100%	On 100%	On 100%	"	"	On 100/open 50%	On 100/open 50%		
	Daylight		B = PB-On	B = Timed On	B = PB-On	B = Timed On	B = Timed ON	B = Timed ON	"	"	B = PB-On	B = PB-On		
	Zone 1	"	On 100/open 30%	On 100%/+2hr Off	On 100/open 50%	On 100%	On 100%/+2hr	On 100%/+2hr	"	"	On 100/open 30%	On 100%/+2hr Off		

Alternate/Adder (F9) start at 13 and use a LSOSI module for 800mA power - supporting 1 Corridor or Stairwell using Relay 3 & 4 for 2 relay power circuits as 1-zone.

Photo sensor inputs for 1 daylight zone (PC-2), motion sensor inputs for Occupancy on/off control or Occupancy On + dimming ON (High/Low)

Remote digital CAT-5 LightSync (14-19 6-addresses) for local control On-Off/Timed On-2Hr. (Closed) Key switch or 1-Button switches, and Optional key switch (OSC: 13.4)

Node	Output:	Photosensor	LightSync: 13 = LSOSI - 8-input, 24V Motion Sensor 800mA				Relay 3 & 4 Remote LightSync Input Devices (6 possible)							
Address:	Relay #	PC-2	IN-1	IN-2	IN-3*	IN-4	LSG3 1ZND	Duplicate LS	LSCS	LSCS	Combine LS 2A-2F	Combine LS 3A-3F		
	Dimmer #	LS: 02	LS: 13.1	LS: 13.2	LS: 13.3	LS: 13.4	LS: 14	LS: 15 to 19	LS: 2A to 2F	LS: 3A to 3F	LS: 0F.3	LS: 0F.4		
F 9	Relay 3		A = PB-On	A = PB-On	A = PB-On	A = PB-On	A = PB-On	A = PB-On	See LS: 0F.3	See LS: 0F.4	A = PB-On	A = PB-On		
	Dim 01.3		On 100/open 50%	On 100/open 50%	On 100/open 50%	On 100%	On 100%	On 100%	"	"	On 100/open 50%	On 100/open 50%		
MSB / LSB	"		B = PB-On	B = Timed On	B = PB-On	B = Timed On	B = Timed ON	B = Timed ON	"	"	B = PB-On	B = PB-On		
R3 & 4	"		On 100/open 30%	On 100%/+2hr Off	On 100/open 50%	On 100%	On 100%/+2hr	On 100%/+2hr	"	"	On 100/open 30%	On 100%/+2hr Off		
	Relay 4		A = PB-On	A = PB-On	A = PB-On	A = PB-On	A = PB-On	A = PB-On	"	"	A = PB-On	A = PB-On		
	Dim 01.4	Full Scale	On 100/open 50%	On 100/open 50%	On 100/open 50%	On 100%	On 100%	On 100%	"	"	On 100/open 50%	On 100/open 50%		
	Daylight		B = PB-On	B = Timed On	B = PB-On	B = Timed On	B = Timed ON	B = Timed ON	"	"	B = PB-On	B = PB-On		
	Zone 2	"	On 100/open 30%	On 100%/+2hr Off	On 100/open 50%	On 100%	On 100%/+2hr	On 100%/+2hr	"	"	On 100/open 30%	On 100%/+2hr Off		

This panel requires the Occupancy sensor to be wired to Inputs 1 or 2 for Day/Night operation

The 2 Inputs become Enabled/Disabled by the Open/Close timer 7 Days a week

Input 1 operates the load 1&2 for Occupied ON at 100%, and Unoccupied to 50% Open hours / 30% Closed hours

Input 2 operates the load 1&2 for Occupied ON at 100%, and Unoccupied Off after 2 hour delay (+20 min sensor time)

* Input 3 is used for a Maintained Key True-Override switch and will Force the relays 1&2 ON at 100%

This input is a "Conditional Relay ON" and "Conditional; Input Disable" Forcing On relays and disabeling other inputs until the Mnt. Input 3 is released

Input 4 and the 6 LightSync digital switch addresses are used for a Momentary key, PB or Toggle switch's as a local On station

"A" operation is during the building Open time or Day cycle time period

"B" operation is during the building Closed time or Night cycle time period

These operations are the same for Relay/Dimmer outputs 3&4 using a remote LSOSI at LS:13 and up to 6 LS Digital switches at LS:14-19

Open/Closer - Time setting		
Days	Open	Close
Sunday	6:00 AM	10:00 PM
Monday	6:00 AM	10:00 PM
Thursday	6:00 AM	10:00 PM
Wednesday	6:00 AM	10:00 PM
Thursday	6:00 AM	10:00 PM
Friday	6:00 AM	10:00 PM
Saturday	6:00 AM	10:00 PM

This EVO Panel *must have* an Internal Clock (EVO-TC) for timer operation or be networked

If No clock is present the panel will remain at 12:00 Midnight in the Closed "B" operation

4-Rooms, 1-Zone Each (Occupancy) - EVO Pre-Program: FA

Four Office, 1-Zone each, Occupancy, 1-Daylight Zone, MZD1, 2-Scene

Remote Photo sensor inputs for daylight zones (PC1 to 4 LS: 2A, 2C, 2D, 30), Motion sensor inputs for Occupancy On at 50%

Remote digital CAT-5 LightSync G3 MZD On-50%/Off, 1-button Non-Dim switches for local room control, G3 2-Scene, Dim to 0%-Off + Raise/Lower

Node	Output:	EVO Photocells		EVO Inputs - 24V Motion Sensor				Remote LightSync Input Devices					G3 2-Scene, Dim to Off and Raise/Lower		
Address:	Relay #	Not-Used	Not-Used	IN-1	IN-2	IN-3	IN-4	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	Virtual	LSG3 2-Sene	LSG3 2-Sene	LSG3 2-Sene
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04	LS: 05	LS: 06	LS: 07	LS: 08	LS: 09/0A	LS: 0B/0C	LS: 0D/0E
F A	Relay 1 Dim 01.1			Occ-on/off On-50%/PC1				On/Off Ramp Up/Dn				IN-1 Occ-R1 LS:03,21,29	S:1,2,3-Off Ramp Up/Dn		
	Relay 2 Dim 01.2				Occ-on/off On-50%/PC2				On/Off Ramp Up/Dn			IN-2 Occ-R2 LS: 23,2B		S:4,5,6-Off Ramp Up/Dn	
	Relay 3 Dim 01.3					Occ-on/off On-50%/PC3				On/Off Ramp Up/Dn		IN-3 Occ-R3 LS: 25,2D			S:7,8,9-Off Ramp Up/Dn
	Relay 4 Dim 01.4						Occ-on/off On-50%/PC4				On/Off Ramp Up/Dn	IN-4 Occ-R4 LS: 27,2F			
Occ (08.1)												OCC Combine			

Additional G3 switch addresses for 3-Way operation

Node	Output:						Duplicate G3 Switches for 3-Way operation					G3 2-Scene, Dim to Off and Raise/Lower		
Address:	Relay #	LSG3 2-Sene					LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD		LSG3 2-Sene	LSG3 2-Sene	LSG3 2-Sene
	Dimmer #	LS: 0F/10	LS: 11	LS: 12	LS:13		LS: 14	LS: 15	LS: 16	LS: 17	LS: 18	LS: 19/1A	LS: 1B/1C	LS: 1D/1E
F A	Relay 1 Dim 01.1						On/Off Ramp Up/Dn					S:1,2,3-Off Ramp Up/Dn		
	Relay 2 Dim 01.2							On/Off Ramp Up/Dn					S:4,5,6-Off Ramp Up/Dn	
	Relay 3 Dim 01.3								On/Off Ramp Up/Dn					S:7,8,9-Off Ramp Up/Dn
	Relay 4 Dim 01.4	S:10,11,12-Off Ramp Up/Dn								On/Off Ramp Up/Dn				

Node	Output:		LightSync Wall Sensors - 1-MZD				LightSync Ceiling Sensors with Active Photosensor using 2 consecutive addresses								
Address:	Relay #	LSG3 2-Sene	LSWS-Occ	LSWS-Occ	LSWS-Occ	LSWS-Occ	LSCS-Occ	LSCS PC-1	LSCS-Occ	LSCS PC-2	LSCS-Occ	LSCS PC-3	LSCS-Occ	LSCS PC-4	
	Dimmer #	LS: 1F/20	LS: 21/22	LS: 23/24	LS: 25/26	LS: 27/28	LS:29	LS: 2A	LS: 2B	LS: 2C	LS:2D	LS:2E	LS: 2F	LS: 30	LS: 32
F A	Relay 1 Dim 01.1		On-50%/Off Ramp Up/Dn				On/Off On-50%/PC1	Full Scale							
	Relay 2 Dim 01.2			On-50%/Off Ramp Up/Dn					On/Off On-50%/PC2	Full Scale					
	Relay 3 Dim 01.3				On-50%/Off Ramp Up/Dn						On/Off On-50%/PC3	Full Scale			
	Relay 4 Dim 01.4	S:10,11,12-Off Ramp Up/Dn				On-50%/Off Ramp Up/Dn							On/Off On-50%/PC4	Full Scale	

Occ (08.1)

Occ (08.2)

Occ (08.3)

Occ (08.4)

Occ (08.1)

Occ (08.2)

Occ (08.3)

Occ (08.4)

4-Rooms, 1-Zone Each (Vacancy) - EVO Pre-Program: FB

Four Office, 1-Zone each, Vacancy sensor, 1-Daylight Zone, MZD1, 2-Scene Remote Photo sensor inputs for daylight zones (PC1 to 4 LS: 2A, 2C, 2D, 30), Motion sensor inputs for Vacancy Off & Dimming on at 50% Remote digital CAT-5 LightSync G3 MZD On/Off, 1-button Non-Dim switches for local room control, G3 2-Scene, Dim to 0%-Off + Raise/Lower															
Node	Output:	EVO Photocells		EVO Inputs - 24V Motion Sensor				Remote LightSync Input Devices					G3 2-Scene, Dim to Off and Raise/Lower		
Address:	Relay #	Not-Used	Not-Used	IN-1	IN-2	IN-3	IN-4	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	Virtual	LSG3 2-Sene	LSG3 2-Sene	LSG3 2-Sene
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04	LS: 05	LS: 06	LS: 07	LS: 08	LS: 09/0A	LS: 0B/0C	LS: 0D/0E
F B	Relay 1 Dim 01.1			Vacancy Off On-50%/PC1				On/Off Ramp Up/Dn				IN-1 Vac-R1 LS:03,21,29	S:1,2,3-Off Ramp Up/Dn		
	Relay 2 Dim 01.2				Vacancy Off On-50%/PC2				On/Off Ramp Up/Dn			IN-2 Vac-R2 LS: 23,2B		S:4,5,6-Off Ramp Up/Dn	
	Relay 3 Dim 01.3					Vacancy Off On-50%/PC3				On/Off Ramp Up/Dn		IN-3 Vac-R3 LS: 25,2D			S:7,8,9-Off Ramp Up/Dn
	Relay 4 Dim 01.4						Vacancy Off On-50%/PC4				On/Off Ramp Up/Dn	IN-4 Vac-R4 LS: 27,2F			
	MSB / LSB														
Vac (08.1)								OCC Combine							

Additional G3 switch addresses for 3-Way operation

Node	Output:							Duplicate G3 Switches for 3-Way operation					G3 2-Scene, Dim to Off and Raise/Lower		
Address:	Relay #	LSG3 2-Sene						LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD		LSG3 2-Sene	LSG3 2-Sene	LSG3 2-Sene
	Dimmer #	LS: 0F/10	LS: 11	LS: 12	LS:13			LS: 14	LS: 15	LS: 16	LS: 17	LS: 18	LS: 19/1A	LS: 1B/1C	LS: 1D/1E
F B	Relay 1 Dim 01.1							On/Off Ramp Up/Dn					S:1,2,3-Off Ramp Up/Dn		
	Relay 2 Dim 01.2								On/Off Ramp Up/Dn					S:4,5,6-Off Ramp Up/Dn	
	Relay 3 Dim 01.3									On/Off Ramp Up/Dn					S:7,8,9-Off Ramp Up/Dn
	Relay 4 Dim 01.4	S:10,11,12-Off Ramp Up/Dn									On/Off Ramp Up/Dn				
	MSB / LSB														

Node	Output:		LightSync Wall Sensors - 1-MZD				LightSync Ceiling Sensors with Active Photosensor using 2 consecutive addresses								
Address:	Relay #	LSG3 2-Sene	LSWS-Vac	LSWS-Vac	LSWS-Vac	LSWS-Vac	LSCS-Vac	LSCS PC-1	LSCS-Vac	LSCS PC-2	LSCS-Vac	LSCS PC-3	LSCS-Vac	LSCS - PC-4	
	Dimmer #	LS: 1F/20	LS: 21/22	LS: 23/24	LS: 25/26	LS: 27/28	LS:29	LS: 2A	LS: 2B	LS: 2C	LS:2D	LS:2E	LS: 2F	LS: 30	LS: 31
F B	Relay 1 Dim 01.1		Vac -Off Ramp Up/Dn				Vac -Off								
	Relay 2 Dim 01.2			Vac -Off Ramp Up/Dn					Vac -Off						
	Relay 3 Dim 01.3				Vac -Off Ramp Up/Dn						Vac -Off	Full scale			
	Relay 4 Dim 01.4	S:10,11,12-Off Ramp Up/Dn				Vac -Off Ramp Up/Dn							Vac -Off	Full scale	
	MSB / LSB														

Vac (08.1)

Vac (08.2)

Vac (08.3)

Vac (08.4)

Vac (08.1)

Vac (08.2)

Vac (08.3)

Vac (08.4)

2-Rooms , 2-Zone each (Occupancy) - EVO Pre-Program: FC

Two Office, 1 or 2-Zone, 1-Daylight Zones, MZD1, MZD2

Photo sensor inputs for 1 daylight zone per room, motion sensor inputs for Occupancy On at 50% control

Remote digital CAT-5 LightSync G3 MZD-2 or MZD-1 per room, standard button switches for local room control

Node	Output:	EVO Photocells		EVO Hardwire Inputs - 24V Motion Sensor				Remote LightSync Input Devices						
Address:	Relay #	Not-Used	Not-Used	IN-1	IN-2	IN-3	IN-4	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	Virtual	LSG3 2-MZD	LSG3 2-MZD
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04	LS: 05	LS: 06	LS: 07	LS: 08	LS: 09/0A	LS: 0B/0C
FC	Relay 1 Dim 01.1			Occ-on/off On-50%				PB:1-on/off Ramp Up/Dn				IN-1 Occ-R1,2 LS:03, 0D,0F,2F	PB:1-on/off Ramp Up/Dn	
	Relay 2 Dim 01.2			Occ-on/off On-50%/PC1					PB:1-on/off Ramp Up/Dn				PB:2-on/off Ramp Up/Dn	
	Relay 3 Dim 01.3					Occ-on/off On-50%				PB:1-on/off Ramp Up/Dn		IN-3 Occ-R3,4 LS:11, 13,23		PB:1-on/off Ramp Up/Dn
	Relay 4 Dim 01.4					Occ-on/off On-50%/PC2					PB:1-on/off Ramp Up/Dn			PB:2-on/off Ramp Up/Dn
OCC Combine													PB:3-Off R1,2	PB:3-Off R1,2

Additional G3 switch addresses for 3-Way operation

Node	Output:	LightSync Digital Wall or Ceiling Sensors				Duplicate G3 Switches for 3-Way operation						LightSync Ceiling Sensor with Active Phototocel		
Address:	Relay #	LSWS 2-MZD	LSCS -Occ	LSWS 2-MZD	LSCS -Occ	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 2-MZD	LSG3 2-MZD	LSCS -Occ	LSCS PC-1	LSCS -Occ
	Dimmer #	LS: 0D/0E	LS: 0F	LS: 11/12	LS: 13	LS: 14	LS: 15	LS: 16	LS: 17	LS: 19/1A	LS: 1B/1C	LS: 2F	LS: 30	LS: 23
FC	Relay 1 Dim 01.1	PB:3-on/off On-50%	Occ-on/off On-50%			PB:1-on/off Ramp Up/Dn				PB:1-on/off Ramp Up/Dn		Occ-on/off On-50%		
	Relay 2 Dim 01.2	PB:4- on/off On-50%/PC1	Occ-on/off On-50%/PC1				PB:1-on/off Ramp Up/Dn			PB:2-on/off Ramp Up/Dn		Occ-on/off On-50%/PC1	Full scale	
	Relay 3 Dim 01.3			PB:3-on/off Ramp Up/Dn	Occ-on/off On-50%			PB:1-on/off Ramp Up/Dn			PB:1-on/off Ramp Up/Dn			Occ-on/off On-50%
	Relay 4 Dim 01.4			PB:4-on/off Ramp Up/Dn	Occ-on/off On-50%/PC2				PB:1-on/off Ramp Up/Dn		PB:2-on/off Ramp Up/Dn			Occ-on/off On-50%/PC2
		Occ (8.1)	Occ (8.1)	Occ (8.3)	Occ (8.3)					PB:3-Off R1,2	PB:3-Off R1,2	Occ (8.1)	Occ (8.3)	

II
LSCS PC-2
LS: 24
Full scale

2-Rooms , 2-Zone each (Vacancy) - EVO Pre-Program: FD

Two Office, 1 or 2-Zone, 1-Daylight Zones, MZD1, MZD2

Photo sensor inputs for 1 daylight zone per room, motion sensor inputs for Vacancy control,

Remote digital CAT-5 LightSync G3 MZD-2 or MZD-1 per room, standard button switches for local room control

Node	Output:	EVO Photocells		EVO Hardwire Inputs - 24V Motion Sensor				Remote LightSync Input Devices							
Address:	Relay #	Not-Used	Not-Used	IN-1	IN-2	IN-3	IN-4	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	Virtual	LSG3 2-MZD	LSG3 2-MZD	
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04	LS: 05	LS: 06	LS: 07	LS: 08	LS: 09/0A	LS: 0B/0C	
FD	Relay 1			Vacanny				PB:1-on/off				IN-1 Vac-R1,2	PB:1-on/off		
	Dim 01.1							Ramp Up/Dn				LS:03, 0D, 0F,2F	Ramp Up/Dn		
	Relay 2			Vacanny					PB:1-on/off				PB:2-on/off		
	Dim 01.2								Ramp Up/Dn				Ramp Up/Dn		
MSB / LSB	Relay 3					Vacanny				PB:1-on/off		IN-3 Vac-R3,4		PB:1-on/off	
	Dim 01.3									Ramp Up/Dn		LS:11, 13,23		Ramp Up/Dn	
	Relay 4					Vacanny					PB:1-on/off			PB:2-on/off	
	Dim 01.4										Ramp Up/Dn			Ramp Up/Dn	
OCC Combine													PB:3-Off R1,2	PB:3-Off R1,2	

Additional G3 switch addresses for 3-Way operation

Node	Output:	LightSync Digital Ceiling or Wall Sensors				Duplicate G3 Switches for 3-Way operation						LightSync Ceiling Sensor with Active Phototocell			
Address:	Relay #	LSWS 2-MZD	LSCS -Vac	LSWS 2-MZD	LSCS-Vac	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 1-MZD	LSG3 2-MZD	LSG3 2-MZD	LSCS -Vac	LSCS PC-1	LSCS-Vac	LSCS PC-2
	Dimmer #	LS:0D/0E	LS:0F	LS:11/12	LS:13	LS: 14	LS: 15	LS: 16	LS: 17	LS: 19/1A	LS: 1B/1C	LS:2F	LS: 30	LS: 23	LS: 24
FD	Relay 1	Vacancy	Vacancy			PB:1-on/off				PB:1-on/off		Vacancy			
	Dim 01.1	PB:3-on/off				Ramp Up/Dn				Ramp Up/Dn					
	Relay 2	Vacancy	Vacancy				PB:1-on/off			PB:2-on/off		Vacancy			
	Dim 01.2	PB:4- on/off					Ramp Up/Dn			Ramp Up/Dn			Full scale		
MSB / LSB	Relay 3			Vacancy	Vacancy			PB:1-on/off			PB:1-on/off			Vacancy	
	Dim 01.3			PB:3-on/off				Ramp Up/Dn			Ramp Up/Dn				
	Relay 4			Vacancy	Vacancy				PB:1-on/off		PB:2-on/off			Vacancy	
	Dim 01.4			PB:4- on/off					Ramp Up/Dn		Ramp Up/Dn				Full scale
		Vac (8.1)	Vac (8.1)	Vac (8.3)	Vac (8.3)					PB:3-Off R1,2	PB:3-Off R1,2	Vac (8.1)	Vac (8.3)		

MZD Switches only control the individual room and do not combine

4-Zone, Open Office Open/Close Timer Sweeps - EVO Pre-Program: FE

Open Office, 3 or 4-Zone Open/Close Timer sweep, 2-independent Daylight Zones

Photo sensor inputs for 1 or 2 daylight zones, Timer 1 Open - 6:00am ON / Timer 2 Close - 10:00pm - Off sweep repeated every 2 hours w/Blink Alert

Remote digital CAT-5 LightSync G3 MZD4 or MZD3, standard button switches for local room control

Node	Output:	EVO Photocells		EVO Inputs - 24V Motion Sensor				LightSync Switches			Individual zone stations				
Address:	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LSG3 4-MZD	LSG3 3-MZD	Virtual	LSG3 1-MZD1	LSG3 1-MZD1	LSG3 1-MZD1	LSG3 1-MZD1	
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04/05	LS: 06/07	LS: 08	LS: 09	LS: 0A	LS: 0B	LS: 0C	LS: 0D
FE	Relay 1			Occ-on/off	Vacancy-off	Occ-On		PB:1-on/off	PB:1-on/off	IN-1 Occ-R1-4	On/Off				
	Dim 01.1			On-50%		100 / 50%		Ramp Up/Dn	Ramp Up/Dn	LS:03, 0E,0F,10	Ramp Up/Dn				
	Relay 2			Occ-on/off	Vacancy-off	Occ-On		PB:2-on/off	PB:2-on/off	IN-3 Occ-R1-4		On/Off			
	Dim 01.2			On-50%		100 / 50%		Ramp Up/Dn	Ramp Up/Dn	LS:12,13,18		Ramp Up/Dn			
	Relay 3			Occ-on/off	Vacancy-off	Occ-On		PB:3-on/off	PB:3-on/off	IN-3 Occ-R1-4			On/Off		
MSB / LSB	Dim 01.3		Full Scale	On-50%		100 / 50%		Ramp Up/Dn	Ramp Up/Dn	LS:18,19,1A			Ramp Up/Dn		
	Relay 4			Occ-on/off	Vacancy-off	Occ-On		PB:4-on/off						On/Off	
	Dim 01.4	Full Scale		On-50%		100 / 50%		Ramp Up/Dn						Ramp Up/Dn	

Occ (08.1)

Open=100/50%

PB:5-Off R1-4

PB:4-Off R1-4

OCC Combine

Closed=100/Off

Node	Output:	LightSync Ceiling Sensor						3-Way LS switches							
Address:	Relay #	LSCS - Occ	LSCS -Occ	LSCS - Occ		LSCS - Vac	LSCS - Vac	LS-G3 MZD4	LS-G3 MZD3	LSCS - Vac	LSCS - Occ	LSCS - Occ	LSCS - Occ		
	Dimmer #	LS: 0E	LS: 0F	LS: 10		LS: 11	LS: 12	LS: 13	LS: 14/15	LS: 16/17	LS: 18	LS: 19	LS: 1A	LS: 1B	LS: 1C
FE	Relay 1	Occ-on/off	Occ-on/off	Occ-on/off			Vacancy-off	Vacancy-off	PB:1-on/off	PB:1-on/off	Vacancy-off	Occ-On	Occ-On	Occ-On	
	Dim 01.1	On-50%	On-50%	On-50%					Ramp Up/Dn	Ramp Up/Dn		100 / 50%	100 / 50%	100 / 50%	
	Relay 2	Occ-on/off	Occ-on/off	Occ-on/off			Vacancy-off	Vacancy-off	PB:2-on/off	PB:2-on/off	Vacancy-off	Occ-On	Occ-On	Occ-On	
	Dim 01.2	On-50%	On-50%	On-50%					Ramp Up/Dn	Ramp Up/Dn		100 / 50%	100 / 50%	100 / 50%	
	Relay 3	Occ-on/off	Occ-on/off	Occ-on/off			Vacancy-off	Vacancy-off	PB:3-on/off	PB:3-on/off	Vacancy-off	Occ-On	Occ-On	Occ-On	
MSB / LSB	Dim 01.3	On-50%	On-50%	On-50%					Ramp Up/Dn	Ramp Up/Dn		100 / 50%	100 / 50%	100 / 50%	
	Relay 4	Occ-on/off	Occ-on/off	Occ-on/off			Vacancy-off	Vacancy-off	PB:4-on/off		Vacancy-off	Occ-On	Occ-On	Occ-On	
	Dim 01.4	On-50%	On-50%	On-50%					Ramp Up/Dn			100 / 50%	100 / 50%	100 / 50%	

Occ (08.1)

Occ (08.1)

Occ (08.1)

Occ (08.2)

Occ (08.2)

PB:5-Off R1-4

PB:4-Off R1-4

Occ (08.2)

Occ (08.3)

Occ (08.3)

Occ (08.3)

Occ (08.3)

Open=100/50% - Closed=100/Off

Open/Closer - timer setting		
Days	Open	Close
Sunday	6:00 AM	10:00 PM
Monday	6:00 AM	10:00 PM
Thursday	6:00 AM	10:00 PM
Wednesday	6:00 AM	10:00 PM
Thursday	6:00 AM	10:00 PM
Friday	6:00 AM	10:00 PM
Saturday	6:00 AM	10:00 PM

This EVO Panel *must have* an Internal Clock (EVO-TC) for timer operation or be networked

If No clock is present the panel will remain at 12:00 Midnight in the Closed "B" operation

Timer Operation:	
Timer 1	Timer 2
Open 6am	Close 10pm
R1 On	R1 Off
50%	2hr. Sweep
R2 On	R2 Off
50%	2hr. Sweep
R3 On	R3 Off
50%	2hr. Sweep
R4 On	R4 Off
50%	2hr. Sweep

T1 - Open: Mo / Tu / We / Th / Fr

T2 - Close: Su / Mo / Tu / We / Th / Fr / Sa

Blink Alert at Timer Off cycle R1-4

4-Zone, Open Office - EVO Pre-Program: FE

Open Office, 3 or 4-Zone Motion-On (Open) On/Off (Close time), 2-independent Daylight.

Photo sensor inputs for 1 or 2 daylight zones, Timer 1 Open 6:00am ON / Timer 2 Close - 10:00pm - Off sweep repeated every 2 hours

Remote digital CAT-5 LightSync G3 MZD4, or MZD3, standard button switches for local room control, Occupancy Sensor Inputs change from "On Only" during the day to ON/Off at night

Node Address:	Output:	EVO Photocells		EVO Inputs - 24V Motion Sensor				LightSync Switches			Individual zone stations				
	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LSG3 4-MZD	LSG3 3-MZD	Virtual	LSG3 1-MZD1	LSG3 1-MZD1	LSG3 1-MZD1	LSG3 1-MZD1	
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04/05	LS: 06/07	LS: 08	LS: 09	LS: 0A	LS: 0B	LS: 0C	LS: 0D
FF	Relay 1			Occ-on/off	Vacancy-off	Occ-On		PB:1-on/off	PB:1-on/off	IN-1 Occ-R1-4	On/Off				
	Dim 01.1			On-50%		100 / 50%		Ramp Up/Dn	Ramp Up/Dn	LS:03, 0E,0F,10	Ramp Up/Dn				
	Relay 2			Occ-on/off	Vacancy-off	Occ-On		PB:2-on/off	PB:2-on/off	IN-3 Occ-R1-4		On/Off			
	Dim 01.2			On-50%		100 / 50%		Ramp Up/Dn	Ramp Up/Dn	LS:12,13,18		Ramp Up/Dn			
MSB / LSB	Relay 3			Occ-on/off	Vacancy-off	Occ-On		PB:3-on/off	PB:3-on/off	IN-3 Occ-R1-4			On/Off		
	Dim 01.3		Full Scale	On-50%		100 / 50%		Ramp Up/Dn	Ramp Up/Dn	LS:19,1A,1B			Ramp Up/Dn		
	Relay 4			Occ-on/off	Vacancy-off	Occ-On		PB:4-on/off						On/Off	
	Dim 01.4	Full Scale		On-50%		100 / 50%		Ramp Up/Dn						Ramp Up/Dn	

Occ (08.1)

Open=100/50%

Closed=100/Off

PB:5-Off R1-4

PB:4-Off R1-4

OCC Combine

Node Address:	Output:	LightSync Ceiling Sensor						3-Way LS switches							
	Relay #	LSCS - Occ	LSCS - Occ	LSCS - Occ		LSCS - Vac	LSCS - Vac	LS-G3 MZD4	LS-G3 MZD3	LSCS - Vac	LSCS - Occ	LSCS - Occ	LSCS - Occ		
	Dimmer #	LS: 0E	LS: 0F	LS: 10	LS: 11	LS: 12	LS: 13	LS: 14/15	LS: 16/17	LS: 18	LS: 19	LS: 1A	LS: 1B	LS: 1C	LS: 1D
FF	Relay 1	Occ-on/off	Occ-on/off	Occ-on/off		Vacancy-off	Vacancy-off	PB:1-on/off	PB:1-on/off	Vacancy-off	Occ-On	Occ-On	Occ-On		
	Dim 01.1	On-50%	On-50%	On-50%				Ramp Up/Dn	Ramp Up/Dn		100 / 50%	100 / 50%	100 / 50%		
	Relay 2	Occ-on/off	Occ-on/off	Occ-on/off		Vacancy-off	Vacancy-off	PB:2-on/off	PB:2-on/off	Vacancy-off	Occ-On	Occ-On	Occ-On		
	Dim 01.2	On-50%	On-50%	On-50%				Ramp Up/Dn	Ramp Up/Dn		100 / 50%	100 / 50%	100 / 50%		
MSB / LSB	Relay 3	Occ-on/off	Occ-on/off	Occ-on/off		Vacancy-off	Vacancy-off	PB:3-on/off	PB:3-on/off	Vacancy-off	Occ-On	Occ-On	Occ-On		
	Dim 01.3	On-50%	On-50%	On-50%				Ramp Up/Dn	Ramp Up/Dn		100 / 50%	100 / 50%	100 / 50%		
	Relay 4	Occ-on/off	Occ-on/off	Occ-on/off		Vacancy-off	Vacancy-off	PB:4-on/off		Vacancy-off	Occ-On	Occ-On	Occ-On		
	Dim 01.4	On-50%	On-50%	On-50%				Ramp Up/Dn			100 / 50%	100 / 50%	100 / 50%		

Occ (08.1)

Occ (08.1)

Occ (08.1)

Occ (08.2)

Occ (08.2)

PB:5-Off R1-4

PB:4-Off R1-4

Occ (08.2)

Occ (08.3)

Occ (08.3)

Occ (08.3)

Open=100/50% - Closed=100/Off

Open/Closer - timer setting		
Days	Open	Close
Sunday	6:00 AM	10:00 PM
Monday	6:00 AM	10:00 PM
Thursday	6:00 AM	10:00 PM
Wednesday	6:00 AM	10:00 PM
Thursday	6:00 AM	10:00 PM
Friday	6:00 AM	10:00 PM
Saturday	6:00 AM	10:00 PM

This EVO Panel *must have* an Internal Clock (EVO-TC) for timer operation or be networked

If No clock is present the panel will remain at 12:00 Midnight in the Closed "B" operation

Default Program - EVO Programmable Mode

EVO Panels are shipped with a Default Program in the main memory, this program is active when the *Mode Select Jumper* is removed
 Hardwire Occupancy inputs and LSCS, LSWS devices are a Timed-On type giving a total 30/40 Minute duration (10 or 20 minute sensor + 20min. EVO Timed-On)
 Set a G3 switch for address 04 to 0F or 14 to 1F for basic On/Off test control from button 1, Device address 40 is a MZD-1 switch with dimming

Node Address:	Output:	Photo	EVO Inputs - 24V Motion Sensor (Timed On 20 Min)				Remote LightSync G3 Input Devices (04 to 0F) Button 1 will Toggle the All 12 Loads ON/Off							
ME	Relay #	PS-1/2	IN-1	IN-2	IN-3	IN-4	LSG3	LSG3 *	LSCS LightSync Ceiling Sensor			LSWS LightSync Wall Sensor **		
	Dimmer #	LS: 01/02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04	Dup: 05 to 0F	LS: 10	LS:11, 12, 13		LS: 24	LS:26,28,2A,2C,2E	
	Relay 1	Unused	Timed-ON(+20)	Timed-ON(+20)	Timed-ON(+20)	Timed-ON(+20)	PB Toggle	Duplicate of 04	Timed-ON(+20)	Duplicate of 10		IN-1:Timed-ON(+20)	Duplicate of 24	
	Relay 2		"	"	"	"	"	"	"	Timed-ON(+20)		IN-3: Togg R1-12	"	
	Relay 3		"	"	"	"	"	"	"	"		"	"	
	Relay 4		"	"	"	"	"	"	"	"		"	"	
	Relay 5		"	"	"	"	"	"	"	"		"	"	
	Relay 6		"	"	"	"	"	"	"	"		"	"	
	Relay 7		"	"	"	"	"	"	"	"		"	"	
	Relay 8		"	"	"	"	"	"	"	"		"	"	
	Relay 9		"	"	"	"	"	"	"	"		"	"	
	Relay 10		"	"	"	"	"	"	"	"		"	"	
Relay 11		"	"	"	"	"	"	"	"		"	"		
Relay 12		"	"	"	"	"	"	"	"		"	"		
Dimmer 01 to 03. 1-4		Start-Up = 100%, Occupancy closure 1,2,3,4 = 100%, (LS40, MZD1 type Button 2&3 = Ramp-UP/Ramp-Down)										LSWS devices always occupy 2 LS addresses		
Dimmer 01 to 03. 1-4		Power Loss = 100%, Fade Rate 5 sec., Minimum dimming level 5%												

Node Address:	Output:	Additional Duplicate G3 switches, LSCS-Ceiling Saensors and LSWS Wall Sensor stations											
	Relay #												
	Dimmer #												
ME	Relay 1							LSG3 *	LSCS LightSync Ceiling Sensor				LSWS **
	Relay 2							LS: 14 to 1F	LS:20,21,22,23	LS:30,31,32,33			LS:34,36,38,3A,3C,3E
	Relay 3							Duplicate of 04	Duplicate of 10	Duplicate of 10			Duplicate of 24
	Relay 4							"	Timed-ON(+20)	Timed-ON(+20)			"
	Relay 5							"	"	"			"
	Relay 6							"	"	"			"
	Relay 7							"	"	"			"
	Relay 8							"	"	"			"
	Relay 9							"	"	"			"
	Relay 10							"	"	"			"
	Relay 11							"	"	"			"
	Relay 12							"	"	"			"

When the panel is in Programmable Mode by removing the Mode Select Jumper the Default program will be active (Factory configured for field testing)

24 LS Addresses (04 to 0F or 14 to 1F as show above) are configured to turn ON/Off the first 12 R20D relays connected to the EVO. These switches will not effect Dimming.

Dimming will be set for 100% at panel power-up or if the panel loses Power, Switch or Occupancy sensor actions also send dimming to 100% No other dimming control is provided from these switches.

The 4-Hardwire Occupancy sensor inputs and the 24-LSCS or 12-LSWS devices will control all 12 relays On/Off and are configured as a Timed-On for 20 minutes.

If any sensor input closes the relays will go "On" and 100%, when a sensor input opens (after the sensor internal 10 to 20-min. time delay) the EVO will start a internal 20-minute Timed-On cycle for the relays.

Each sensor input closure will reset the relay-ON action, and reset the Timed-On as each input opens. This Sensor time delay plus the EVO Timed-On will result in a 30 to 40 minute overall On duration.

The Default program is using the ME address reference that will adjust control inputs and status to any panel network address set in the field ("ME" being the reference to this panels current address)

* If Both Raise/Lower buttons are held on the G3 switch, it will change its internal address temporarily to be address LS:40

This device will be a MZD-1 and is a single On/Off button and Raise/Lower dimming control of all 12 dimmers

The switch will default back to original address after a unactive period

** LSWS stations with Raise/Lower buttons do not support address 40 feature and will not provide dimming control.

Holding the Raise/Lower buttons on a LSWS will set it for temorary occupancy sensor "Test Mode"