EVO Lighting Application Control Mapping Matrix

EVO Lighting Application FO is used for a EVO panel supporting 2 rooms with 1 or 2 R20D relay zones per room.
Photo sensor inputs for 1 daylight zone per room, motion sensor inputs for Occupancy or Vacancy control,
Remote digital CAT-5 LightSync MZD or standard button switches for local room control

Node Address:	Output:	EVO Photocells		EVO Inputs - 24V Motion Sensor				Remote LightSync Input Devices							
	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LS-MZD1	LS-MZD1	LS-MZD1	LS-MZD1	LS-MZD2	LS-MZD2	LS-OCS8	LS-PC3/4
	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: 08/09	LS: 0A/0B	LS: OC .1-8	LS: 0D/0E
F 0	Relay 1 Dim 01.1	Full scale		Occ-on/off	Vacancy-off			PB:1-on/off Ramp Up/Dn				PB:1-on/off Ramp Up/Dn		1-Occ, 5-Vac	
MSB / LSB	Relay 2 Dim 01.2			Occ-on/off	Vacancy-off				PB:1-on/off Ramp Up/Dn			PB:2-on/off Ramp Up/Dn		2-Occ, 6-Vac	0D-Full Scale
	Relay 3 Dim 01.3		Full scale			Occ-on/off	Vacancy-off			PB:1-on/off Ramp Up/Dn			PB:1-on/off Ramp Up/Dn	3-Occ, 7-Vac	
	Relay 4 Dim 01.4					Occ-on/off	Vacancy-off				PB:1-on/off Ramp Up/Dn		PB:2-on/off Ramp Up/Dn	4-Occ, 8-Vac	0E-Full scale

EVO Lighting Application F1 is used for a EVO panel supporting 1 room with 1 to 4 R20D relay zones.
Photo sensor inputs for 1 daylight zones, motion sensor inputs for Occupancy or Vacancy control,
Remote digital CAT-5 LightSync MZD or standard button switches for local room control

Node Address:	Output:	EVO Photocells		EVO Inputs - 24V Motion Sensor				Remote LightSync Input Devices							
	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LS-MZD1	LS-MZD2	LS-MZD3	LS-MZD4	LS-	LS-	LS-	LS-
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04	LS: 05/06	LS: 07/08	LS: 09/0A	LS:	LS:	LS:	LS:
F 1	Relay 1 Dim 01.1	Full scale	n/a	Occ-on/off	Vacancy-off	Occ-on/off On-50%/PC1	Vacancy-off	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				
MSB / LSB	Relay 2 Dim 01.2			Occ-on/off	Vacancy-off	Occ-on/off On-50%	Occ-on/off On-50%		PB:2-on/off Ramp Up/Dn	PB:2-on/off Ramp Up/Dn	PB:2-on/off Ramp Up/Dn				
	Relay 3 Dim 01.3			Occ-on/off	Vacancy-off	Occ-on/off 50%	Vacancy-off			PB:3-on/off Ramp Up/Dn	PB:3-on/off Ramp Up/Dn				
	Relay 4 Dim 01.4			Occ-on/off	Vacancy-off	Occ-on/off On-50%	Occ-on/off On-50%				PB:4-on/off Ramp Up/Dn				

EVO Lighting Application F2 is used for a EVO panel supporting 1 room with 1 to 4 R20D relay zones.
Photo sensor inputs for 2 daylight zones, motion sensor inputs for Occupancy or Vacancy control,
Remote digital CAT-5 LightSync MZD or standard button switches for local room control

Node Address:	Output:	EVO Photocells		EVO Inputs - 24V Motion Sensor				Remote LightSync Input Devices							
	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LS-MZD1	LS-MZD2	LS-MZD3	LS-MZD4	LS-	LS-	LS-	LS-
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04	LS: 05/06	LS: 07/08	LS: 09/0A	LS: 0B/0C	LS:	LS:	LS:
F 2	Relay 1 Dim 01.1	Full scale		Occ-on/off	Vacancy-off	Occ-on/off On-50%/PC1	Vacancy-off	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				
MSB / LSB	Relay 2 Dim 01.2	-10% scale		Occ-on/off	Vacancy-off	Occ-on/off On-50%/PC1	Occ-on/off On-50%/PC1		PB:2-on/off Ramp Up/Dn	PB:2-on/off Ramp Up/Dn	PB:2-on/off Ramp Up/Dn				
	Relay 3 Dim 01.3			Occ-on/off	Vacancy-off	Occ-on/off On-50%	Vacancy-off			PB:3-on/off Ramp Up/Dn	PB:3-on/off Ramp Up/Dn	PB:3-on/off Ramp Up/Dn			
	Relay 4 Dim 01.4			Occ-on/off	Vacancy-off	Occ-on/off On-50%	Occ-on/off On-50%				PB:4-on/off Ramp Up/Dn	PB:4-on/off Ramp Up/Dn			

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EVO Lighting Application Control Mapping Matrix

EVO Lighting Application F3 is used for a EVO panel supporting 2 rooms with 1 or 2 R20D relays zones per room.
Photo sensor inputs for 1 daylight zone per room, motion sensor inputs for Occupancy or Vacancy control,
Remote digital CAT-5 LightSync 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	LS-MZD1	LS-MZD1	LS-MZD1	LS-MZD1	LS-MZD2	LS-MZD2	LS-	LS-
	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: 08/09	LS: 0A/0B	LS:	LS:
F 3	Relay 1 Dim 01.1	Full scale		Occ-on/off On-50%/PC1	Vacancy-off			PB:1-on/off Ramp Up/Dn				PB:1-on/off Ramp Up/Dn			
MSB / LSB	Relay 2 Dim 01.2			Occ-on/off On-50%	Vacancy-off				PB:1-on/off Ramp Up/Dn			PB:2-on/off Ramp Up/Dn			
	Relay 3 Dim 01.3		Full scale			Occ-on/off On-50%/PC2	Vacancy-off			PB:1-on/off Ramp Up/Dn			PB:1-on/off Ramp Up/Dn		
	Relay 4 Dim 01.4					Occ-on/off On-50%	Vacancy-off				PB:1-on/off Ramp Up/Dn		PB:2-on/off Ramp Up/Dn		

EVO Lighting Application F4 is used for a EVO panel supporting 2 room with 1 to 2 R20D relay zones per room.
Photo sensor inputs for 2 daylight zones, motion sensor inputs for Occupancy or Vacancy control,
Remote digital CAT-5 LightSync 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	LS-MZD1	LS-MZD1	LS-MZD2	LS-MZD2	LS-	LS-	LS-	LS-
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04	LS: 05	LS: 06/07	LS: 08/09	LS:	LS:	LS:	LS:
F 4	Relay 1 Dim 01.1	Full scale		Occ-on/off On-50%/PC1	Vacancy-off			PB:1-on/off Ramp Up/Dn		PB:1-on/off Ramp Up/Dn					
MSB / LSB	Relay 2 Dim 01.2	-10% scale		Occ-on/off On-50%/PC1	Vacancy-off					PB:2-on/off Ramp Up/Dn					
	Relay 3 Dim 01.3		Full scale			Occ-on/off On-50%/PC2	Vacancy-off		PB:1-on/off Ramp Up/Dn		PB:1-on/off Ramp Up/Dn				
	Relay 4 Dim 01.4		-10% scale			Occ-on/off On-50%/PC2	Vacancy-off				PB:2-on/off Ramp Up/Dn				

EVO Lighting Application F5 is used for a EVO panel supporting 2 rooms, one with 1 to 3 R20D relay zones and one with 1 R20D relay zone.
Photo sensor inputs for 1 daylight zone per room, motion sensor inputs for Occupancy or Vacancy control,
Remote digital CAT-5 LightSync 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	LS-MZD1	LS-MZD1	LS-MZD2	LS-MZD3	LS-	LS-	LS-	LS-
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04	LS: 05	LS: 06/07	LS: 08/09	LS:	LS:	LS:	LS:
F 5	Relay 1 Dim 01.1	Full scale		Occ-on/off On-50%/PC1	Vacancy-off			PB:1-on/off Ramp Up/Dn		PB:1-on/off Ramp Up/Dn	PB:1-on/off Ramp Up/Dn				
MSB / LSB	Relay 2 Dim 01.2			Occ-on/off On-50%	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%	Vacancy-off						PB:3-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						

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EVO Lighting Application Control Mapping Matrix

EVO Lighting Application F6 is used for a EVO panel supporting 2 rooms, one with 1 to 3 R20D relay zones and one with 1 R20D relay zone.
Photo sensor inputs for 2 daylight zones - Two in 3-zone room and One in singe zone room, motion sensor inputs for Occupancy or Vacancy control,
Remote digital CAT-5 LightSync 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	LS-MZD1	LS-MZD1	LS-MZD2	LS-MZD3	LS-	LS-	LS-	LS-
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04	LS: 05	LS: 06/07	LS: 08/09	LS:	LS:	LS:	LS:
F 6	Relay 1 Dim 01.1	Full scale		Occ-on/off On-50%/PC1	Vacancy-off			PB:1-on/off Ramp Up/Dn		PB:1-on/off Ramp Up/Dn	PB:1-on/off Ramp Up/Dn				
MSB / LSB	Relay 2 Dim 01.2	-10% scale		Occ-on/off On-50%/PC1	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%	Vacancy-off						PB:3-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						

EVO Lighting Application F7 is used for a EVO panel supporting 4 rooms with 1 R20D relay zone each.
Photo sensor inputs for 2 daylight zones, motion sensor inputs for Occupancy control, auxillary inputs for 2 additional daylight zone photo sensors controllers
Remote digital CAT-5 LightSync MZD or standard button switches for local room control

Node	Output:	EVO Photocells		EVO Inputs - 24V Motion Sensor				Remote LightSync Input Devices				Auxillary remote mount Photo Sensors Controller			
Address:	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LS-MZD1	LS-MZD1	LS-MZD1	LS-MZD1	LS- PSC-3	LS- PSC-4	LS-	LS-
	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	LS:	LS:
F 7	Relay 1 Dim 01.1	Full scale		Occ-on/off On-50%/PC1				PB:1-on/off Ramp Up/Dn							
MSB / LSB	Relay 2 Dim 01.2		Full scale		Occ-on/off On-50%/PC2				PB:1-on/off Ramp Up/Dn						
	Relay 3 Dim 01.3					Occ-on/off On-50%/PC3				PB:1-on/off Ramp Up/Dn		Full scale			
	Relay 4 Dim 01.4						Occ-on/off On-50%/PC4				PB:1-on/off Ramp Up/Dn		Full Scale		

EVO Lighting Application F8 is used for a EVO panel supporting 4 room with 1 R20D relay zone each.
Photo sensor inputs for 2 daylight zones, motion sensor inputs for Vacancy control, Auxillary inputs for 2 additional daylight zone photo sensor controllers
Remote digital CAT-5 LightSync MZD or standard button switches for local room control

Node	Output:	EVO Photocells		EVO Inputs - 24V Motion Sensor				Remote LightSync Input Devices				Auxillary remote mount Photo Sensors Controller			
Address:	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LS-MZD1	LS-MZD1	LS-MZD1	LS-MZD1	LS- PSC-3	LS- PSC-4	LS-	LS-
	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	LS:	LS:
F 8	Relay 1 Dim 01.1	Full scale		Vacancy-off				PB:1-on/off Ramp Up/Dn							
MSB / LSB	Relay 2 Dim 01.2		Full scale		Vacancy-off				PB:1-on/off Ramp Up/Dn						
	Relay 3 Dim 01.3					Vacancy-off				PB:1-on/off Ramp Up/Dn		Full scale			
	Relay 4 Dim 01.4						Vacancy-off				PB:1-on/off Ramp Up/Dn		Full Scale		

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EVO Lighting Application Control Mapping Matrix

EVO Lighting Application F9 is used for a EVO panel supporting 1 room with 1 to 4 R20D relay zones. Occupancy driven dimmer levels
Photo sensor inputs for 1 daylight zone, motion sensor inputs for Occupancy control of dimming (ON-Hight/Low)
Remote digital CAT-5 LightSync standard button switches for local room control On/Off

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	LS-MZD4	LS-MZD4	LS-MZD4	LS-	LS-	LS-	LS-	LS-
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04/05	LS: 06/07	LS: 08/09	LS:	LS:	LS:	LS:	LS:
F 9	Relay 1			Occupancy-On	Occupancy-On	Occupancy-On	Occupancy-On	PB:1-on/off	PB:1-on/off	PB:1-on/off					
	Dim 01.1	Full scale		On100/Off50%	On100/Off20%	On80%/Off20%	On50%/Off10%	Ramp Up/Dn	Ramp Up/Dn	Ramp Up/Dn					
MSB / LSB	Relay 2			Occupancy-On	Occupancy-On	Occupancy-On	Occupancy-On	PB:2-on/off	PB:2-on/off	PB:2-on/off					
	Dim 01.2			On100/Off50%	On100/Off20%	On80%/Off20%	On50%/Off10%	Ramp Up/Dn	Ramp Up/Dn	Ramp Up/Dn					
	Relay 3			Occupancy-On	Occupancy-On	Occupancy-On	Occupancy-On	PB:3-on/off	PB:3-on/off	PB:3-on/off					
	Dim 01.3			On100/Off50%	On100/Off20%	On80%/Off50%	On50%/Off10%	Ramp Up/Dn	Ramp Up/Dn	Ramp Up/Dn					
	Relay 4			Occupancy-On	Occupancy-On	Occupancy-On	Occupancy-On	PB:4-on/off	PB:4-on/off	PB:4-on/off					
	Dim 01.4			On100/Off50%	On100/Off20%	On80%/Off20%	On50%/Off10%	Ramp Up/Dn	Ramp Up/Dn	Ramp Up/Dn					

EVO Lighting Application FA is used for a EVO panel supporting 1 Classroom with 1 to 4 R20D relay zones. (a,b,c,d zones) - Daylighting at back of room in zone 4
Photo sensor inputs for 1 daylight zone, motion sensor inputs for Occupancy or Vacancy control,
Remote digital CAT-5 LightSync 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	LS-G2-2	LS-MZD4	LS-MZD3	LS-	LS-	LS-	LS-	LS-
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04	LS: 05/06	LS: 07/08	LS:	LS:	LS:	LS:	LS:
F A	Relay 1			Occ-on/off	Vacancy-off	Occ-on/off	Occ-on/off	PB:1-on/2-off	PB:1-on/off	PB:1-on/off					
	Dim 01.1			On-50%			On-50%	On-50%	Ramp Up/Dn	Ramp Up/Dn					
MSB / LSB	Relay 2			Occ-on/off	Vacancy-off	Occ-on/off	Vacancy-off	PB:1-on/2-off	PB:2-on/off	PB:2-on/off					
	Dim 01.2			On-50%				On-50%	Ramp Up/Dn	Ramp Up/Dn					
	Relay 3			Occ-on/off	Vacancy-off	Occ-on/off	Vacancy-off	PB:1-on/2-off	PB:3-on/off	PB:2-on/off					
	Dim 01.3			On-50%				On-50%	Ramp Up/Dn	Ramp Up/Dn					
	Relay 4			Occ-on/off	Vacancy-off	Occ-on/off	Vacancy-off	PB:1-on/2-off	PB:4-on/off	PB:3-on/off					
	Dim 01.4	Full scale		On-50%/PC1				On-50%/PC1	Ramp Up/Dn	Ramp Up/Dn					

EVO Lighting Application FB is used for a EVO panel supporting 1 Classroom with 1 to 4 R20D relay zones. (a, b, & overlap ac, bd daylight zones of lighting with dimmi
Photo sensor inputs for 2 daylight zones (ac, bd), motion sensor inputs for Occupancy or Vacancy control,
Remote digital CAT-5 LightSync 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	LS-G2-2	LS-MZD2	LS-MZD4	LS-	LS-	LS-	LS-	LS-
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04	LS: 05/06	LS: 07/08	LS:	LS:	LS:	LS:	LS:
F B	(a)Relay 1			Occ-on/off	Vacancy-off	Occ-on/off	Occ-on/off	PB:1-on/2-off	PB:1-on/off	PB:1-on/off					
	Dim 01.1			On-50%			On-50%	On-50%	Ramp Up/Dn	Ramp Up/Dn					
MSB / LSB	(b)Relay 2			Occ-on/off	Vacancy-off	Occ-on/off	Vacancy-off	PB:1-on/2-off	PB:1-on/off	PB:2-on/off					
	Dim 01.2			On-50%				On-50%	Ramp Up/Dn	Ramp Up/Dn					
	(ac)Relay 3			Occ-on/off	Vacancy-off	Occ-on/off	Vacancy-off	PB:1-on/2-off	PB:2-on/off	PB:3-on/off					
	Dim 01.3	Full scale		On-50%/PC1				On-50%/PC1	Ramp Up/Dn	Ramp Up/Dn					
	(bd)Relay 4			Occ-on/off	Vacancy-off	Occ-on/off	Vacancy-off	PB:1-on/2-off	PB:2-on/off	PB:4-on/off					
	Dim 01.4	Full scale		On-50%/PC1				On-50%/PC1	Ramp Up/Dn	Ramp Up/Dn					

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EVO Lighting Application Control Mapping Matrix

EVO Lighting Application FC is used for a EVO panel supporting a Conference room with 1 to 4 R20D relay zones.
Photo sensor inputs for 1 daylight zones, Motion sensor inputs for Occupancy or Vacancy control,
Remote digital CAT-5 LightSync MZD or standard button switches for local room control, 5-button Preset station - P1:40%, P2:20%, P3:60%, P4:100%, P5:0%

Node	Output:	EVO Photocells		EVO Inputs - 24V Motion Sensor				Remote LightSync Input Devices			A/V 232				
Address:	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LS-MZD4	LS-G2-5	LS-G2-2B	LS ISSCM	LS-	LS-	LS-	LS-
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04/05	LS: 06	LS: 07	LS: 08	LS:	LS:	LS:	LS:
F C	Relay 1			Occ-on/off	Vacancy-off	Occ-on/off	Vacancy-off	PB:1-on/off	P:1,2,3,4 On	PB:1-on/2-off	P:1,2,3,4 On				
	Dim 01.1					On-50%		Ramp Up/Dn	P:1,2,3,4,5 %	On-50%	P:1,2,3,4,5 %				
MSB / LSB	Relay 2			Occ-on/off	Vacancy-off	Occ-on/off	Occ-on/off	PB:2-on/off	P:1,2,3,4 On	PB:1-on/2-off	P:1,2,3,4 On				
	Dim 01.2					On-50%	On-50%	Ramp Up/Dn	P:1,2,3,4,5 %	On-50%	P:1,2,3,4,5 %				
	Relay 3			Occ-on/off	Vacancy-off	Occ-on/off	Occ-on/off	PB:3-on/off	P:1,2,3,4 On	PB:1-on/2-off	P:1,2,3,4 On				
	Dim 01.3					50%	On-50%	Ramp Up/Dn	P:1,2,3,4,5 %	On-50%	P:1,2,3,4,5 %				
	Relay 4			Occ-on/off	Vacancy-off	Occ-on/off	Vacancy-off	PB:4-on/off	P:1,2,3,4 On	PB:1-on/2-off	P:1,2,3,4 On				
	Dim 01.4	Full Scale				On-50%/PC1		Ramp Up/Dn	P:1,2,3,4,5 %	On-50%/PC1	P:1,2,3,4,5 %				

EVO Lighting Application FD is used for a EVO panel supporting Open Office with 1 to 4 R20D relay zones.
Photo sensor inputs for 1 daylight zones, Open Timer 6:00am ON / Close Timer 10:00pm - Off sweep repeated every 2 hours
Remote digital CAT-5 LightSync MZD or standard button switches for local room control (7-day Open/Close Timer schedule)

Node	Output:	EVO Photocells		EVO Inputs - 24V Motion Sensor				Remote LightSync Input Devices						Timer Operation:	
Address:	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LS-MZD4	LS-MZD4	LS-	LS-	LS-	LS-	Timer 1	Timer 2
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04/05	LS: 06/07	LS:	LS:	LS:	LS:	Open 6am	Close 10pm
F D	Relay 1			Occ-on/off	Vacancy-off			PB:1-on/off	PB:1-on/off					R1 On	R1 Off
	Dim 01.1	Full Scale						Ramp Up/Dn	Ramp Up/Dn					D1 50%	2hr. Sweep
MSB / LSB	Relay 2			Occ-on/off	Vacancy-off			PB:2-on/off	PB:2-on/off					R2 On	R2 Off
	Dim 01.2							Ramp Up/Dn	Ramp Up/Dn					D2 50%	2hr. Sweep
	Relay 3			Occ-on/off	Vacancy-off			PB:3-on/off	PB:3-on/off					R3 On	R3 Off
	Dim 01.3							Ramp Up/Dn	Ramp Up/Dn					D3 50%	2hr. Sweep
	Relay 4			Occ-on/off	Vacancy-off			PB:4-on/off	PB:4-on/off					R4 On	R4 Off
	Dim 01.4							Ramp Up/Dn	Ramp Up/Dn					D4 50%	2hr. Sweep

EVO Lighting Application FE is used for a EVO panel supporting Open Office with 1 to 4 R20D relay zones.
Photo sensor inputs for 1 daylight zones, Open Timer 6:00am motion sensor ON-Only (type A)/ Close Timer 10:00pm motion sensor inputs for Occupancy On/Off (typ
Remote digital CAT-5 LightSync MZD or standard button switches for local room control (7-day Open/Close Timer schedule)

Node	Output:	EVO Photocells		EVO Inputs - 24V Motion Sensor				Remote LightSync Input Devices						Timer Operation:	
Address:	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LS-MZD4	LS-MZD4	LS-MZD4	LS-MZD4	LS-	LS-	Timer 1	Timer 2
	Dimmer #	LS: 01	LS: 02	LS: 03.1 (A)	LS: 03.1 (B)	LS: 03.2 (A)	LS: 03.2 (B)	LS: 04/05	LS: 06/07	LS: 08/09	LS: 0A/0B	LS:	LS:	Open 6am	Close 10pm
F E	Relay 1			Occ-on	Occ-on/off	Occ-on	Occ-on/off	PB:1-on/off	PB:1-on/off	PB:1-on/off	PB:1-on/off			Type A	Type B
	Dim 01.1	Full Scale				On-50%	On-50%	Ramp Up/Dn	Ramp Up/Dn	Ramp Up/Dn	Ramp Up/Dn			On-50%	
MSB / LSB	Relay 2			Occ-on	Occ-on/off	Occ-on	Occ-on/off	PB:2-on/off	PB:2-on/off	PB:2-on/off	PB:2-on/off			Type A	Type B
	Dim 01.2					On-50%	On-50%	Ramp Up/Dn	Ramp Up/Dn	Ramp Up/Dn	Ramp Up/Dn			On-50%	
	Relay 3			Occ-on	Occ-on/off	Occ-on	Occ-on/off	PB:3-on/off	PB:3-on/off	PB:3-on/off	PB:3-on/off			Type A	Type B
	Dim 01.3					On-50%	On-50%	Ramp Up/Dn	Ramp Up/Dn	Ramp Up/Dn	Ramp Up/Dn			On-50%	
	Relay 4			Occ-on	Occ-on/off	Occ-on	Occ-on/off	PB:4-on/off	PB:4-on/off					Type A	Type B
	Dim 01.4					On-50%	On-50%	Ramp Up/Dn	Ramp Up/Dn					On-50%	

Note: Motion sensors must be landed at inputs 1 & 2 or 3 & 4 as a combined set for porper Open/Close timer operation

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EVO Lighting Application Control Mapping Matrix

EVO Lighting Application FF is used for a EVO panel supporting 1-rooms with 4 R20D relay zones.
Photo sensor inputs for 1 daylight zones, motion sensor inputs for Occupancy timed on 30 Minutes (sensor set for Minimal time duration in field)
Remote digital CAT-5 MZD or standard button switches for local room control, Off operation of each zones gives a 3-33 secound Off with revert to Occupancy ON

Node Address:	Output:	EVO Photocells		EVO Inputs - 24V Motion Sensor				Remote LightSync Input Devices							
	Relay #	PC-1	PC-2	IN-1	IN-2	IN-3	IN-4	LS-MZD4	LS-MZD4	LS-MZD3	LS-MZD3	LS-	LS-	LS-	LS-
	Dimmer #	LS: 01	LS: 02	LS: 03.1	LS: 03.2	LS: 03.3	LS: 03.4	LS: 04/05	LS: 07/08	LS: 0A/0B	LS: 0D/0E	LS:	LS:	LS:	LS:
F F	Relay 1			Timed On 20min				PB:1-on/off	PB:1-on/off	PB:1-on/off	PB:1-on/off				
	Dim 01.1	Full Scale						Ramp Up/Dn	Ramp Up/Dn	Ramp Up/Dn	Ramp Up/Dn				
MSB / LSB	Relay 2				Timed On 20min			PB:2-on/off	PB:2-on/off	PB:2-on/off	PB:2-on/off				
	Dim 01.2							Ramp Up/Dn	Ramp Up/Dn	Ramp Up/Dn	Ramp Up/Dn				
	Relay 3					Timed On 20min		PB:3-on/off	PB:3-on/off	PB:3-on/off	PB:3-on/off				
	Dim 01.3							Ramp Up/Dn	Ramp Up/Dn	Ramp Up/Dn	Ramp Up/Dn				
	Relay 4						Timed On 20min	PB:4-on/off	PB:4-on/off						
	Dim 01.4							Ramp Up/Dn	Ramp Up/Dn						

Note: This panel Lighting Application requires the addition of a LS-RSR for the Aux status points in order to get the sequence of operations required

Relay Simulator Regestry (RSR)
RSR Adress: 2 1
06.1, 09.1 , 0C.1, 0F.1- R5 On/Alarm Off 1 Sec. R5 used to Disable OSC input 03.1
06.2, 09.2, 0C.1, 0F.1 - R6 On/Alarm Off 1 Sec. R6 used to Disable OSC input 03.2
06.3, 09.3, 0A.1, 0F.1 - R7 On/Alarm Off 1 Sec. R7 used to Disable OSC input 03.3
06.4 , 09.4 - R8 On/Alarm Off 1 Sec. R8 used to Disable OSC input 03.4

LS-Echo Device	LS-Echo Device	LS-Echo Device	LS-Echo Device
LS:06/Echo: O4	LS:09/Echo: O7	LS:0C/Echo: OA	LS:0F/Echo: OD
PB:1 R5 On/Off	PB:1 R5 On/Off	PB:1 R5 On/Off	PB:1 R5 On/Off
PB:2 R6 On/Off	PB:2 R6 On/Off	PB:2 R6 On/Off	PB:2 R6 On/Off
PB:3 R7 On/Off	PB:3 R7 On/Off	PB:3 R7 On/Off	PB:3 R7 On/Off
PB:4 R8 On/Off	PB:4 R8 On/Off		

Available power for Occupancy sensor is effected by the number of LightSync CAT-5 devices connected
4 CAT-5 devices, 400' accumulative feet, 200mA occupancy sensor power from EVO inputs 1-4
5 CAT-5 devices, 500' accumulative feet, 160mA occupancy sensor power from EVO inputs 1-4
6 CAT-5 devices, 600' accumulative feet, 120mA occupancy sensor power from EVO inputs 1-4
7 CAT-5 devices, 700' accumulative feet, 90mA occupancy sensor power from EVO inputs 1-4
8 CAT-5 devices, 800' accumulative feet, 60mA occupancy sensor power from EVO inputs 1-4
Additional CAT-5 devices can be supported using a PSR (Power Supply Repeater)
one PSR provides power for every 20 devices, EVO supports a total of 61 remote devices addresses

R20/R20D relays connection using CAT-5 cable supported over 100' distance each from EVO panel

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