NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
KC KANSAS CITY	CLAY	MO	1	Kendallwood	3.44000

SHIP TO:

MARK DURHAM	9101 EAST 40TH TERRACE	KANSAS CITY, MO	64133

SIGNAL ID 224

CABINET TYPE NEMA/PT STANDARD EV

CABINET TS1/TS2 TS2

CONTROLLER TS2/Type 1

CONTROLLER TYPE ACTUATED

CABINET DESCRIPTION This local controller shall be Eagle Epac with internal modem for closed loop system

SYSTEM MASTER none

DETECTION TYPE INDUCTION

INTERCONNECT TYPE SERIAL CLOSED LOOP

VIDEO SYSTEM INTERFACE

PRE-EMPT

BACKPANEL 16-POSITION-TS2

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

☐ **D PLUG**

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8				

☐ **EXCLUSIVE PED PHASE**

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16
2p	4p	6p	8p

NEMA

 # OF STANDARD 2-CHANNEL DETECTOR 6

 # OF DELAY/EXT 2-CHANNEL DETECTOR 6

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
5	2	2	0	3	4	4	0
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
1	6	6	0	7	8	8	0

DELAY/EXTEND	DET ☒	DET ☒	DET ☒	DET ☐	DET ☒	DET ☒	DET ☒	DET ☐
VIDEO	V DET ☐	V DET 2 ☐	V DET 3 ☐	V DET 4 ☐	V DET 5 ☐	V DET 6 ☐	V DET 7 ☐	V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
KC KANSAS CITY	CLAY	MO	1	I-35	5.26000

SHIP TO:			
MARK DURHAM	9101 EAST 40TH TERRACE	KANSAS CITY, MO	64133

SIGNAL ID: 228

CABINET TYPE: NEMA/PT STANDARD EV

CABINET TS1/TS2: TS2

CONTROLLER: TS2/Type 1

CONTROLLER TYPE: ACTUATED

CABINET DESCRIPTION: This local controller shall be Eagle Epac with internal modem for closed loop system

SYSTEM MASTER:

DETECTION TYPE: INDUCTION

INTERCONNECT TYPE: SERIAL CLOSED LOOP

VIDEO SYSTEM INTERFACE:

PRE-EMPT:

BACKPANEL: 16-POSITION-TS2

VIDEO SYSTEM TYPE:

PRE-EMPT INFORMATION:

☐ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8				

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16
2p	4p	6p	8p

NEMA

OF STANDARD 2-CHANNEL DETECTOR: 7

OF DELAY/EXT 2-CHANNEL DETECTOR: 7

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
5	6	6	6	3	3	7	0
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
1	2	2	2	7	7	7	0

	DET	DET	DET	DET	DET	DET	DET	DET
DELAY/EXTEND	☑	☑	☑	☑	☑	☑	☑	☐

	V DET	V DET 2	V DET 3	V DET 4	V DET 5	V DET 6	V DET 7	V DET 8
VIDEO	☐	☐	☐	☐	☐	☐	☐	☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
KC KANSAS CITY	CLAY	MO	1	Chouteau/Englewood	3.83000

SHIP TO:			
MARK DURHAM	9101 EAST 40TH TERRACE	KANSAS CITY, MO	64133

SIGNAL ID: 225

CABINET TYPE: OTHER (AS SPECIFIED)

CABINET TS1/TS2: TS2

CONTROLLER: TS2/Type 1

CONTROLLER TYPE: ACTUATED

CABINET DESCRIPTION: Double Full Depth cabinet with two local controllers, two back panels and shall be Eagle Epacs with internal modems for closed loop system

SYSTEM MASTER:

DETECTION TYPE: INDUCTION

INTERCONNECT TYPE: SERIAL CLOSED LOOP

VIDEO SYSTEM INTERFACE:

PRE-EMPT:

BACKPANEL: 12-POSITION-TS2

VIDEO SYSTEM TYPE:

PRE-EMPT INFORMATION:

☐ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8				

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

OF STANDARD 2-CHANNEL DETECTOR: 6

OF DELAY/EXT 2-CHANNEL DETECTOR: 6

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
5	6	6	0	3	4	4	0
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
1	2	2	0	7	8	8	0

	DET	DET	DET	DET	DET	DET	DET	DET
DELAY/EXTEND	☑	☑	☑	☐	☑	☑	☑	☐

	V DET	V DET 2	V DET 3	V DET 4	V DET 5	V DET 6	V DET 7	V DET 8
VIDEO	☐	☐	☐	☐	☐	☐	☐	☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Both sides of this cabinet shall be set up this way

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SL - ST. LOUIS	ST. CHARLES	MO	94	Wolfrum	24.26500

SHIP TO:

WILLIAM MARSHALL	2309 A BARRETT STATION ROAD	BALLWIN, MO	63021

SIGNAL ID 10

CABINET TYPE NEMA/PT STANDARD EV

CABINET TS1/TS2 TS1

CONTROLLER TS2/Type2

CONTROLLER TYPE ACTUATED

CABINET DESCRIPTION TS1

SYSTEM MASTER

DETECTION TYPE INDUCTION AND VIDEO

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE INDUCTION DETECTOR PANEL

PRE-EMPT

BACKPANEL 12-POSITION-TS1

VIDEO SYSTEM TYPE Traficon

PRE-EMPT INFORMATION

☐ **D PLUG**

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
EBL	WB	NBL	SB	WBL	EB	SBL	NB				

☐ **EXCLUSIVE PED PHASE**

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

 # OF STANDARD 2-CHANNEL DETECTOR 5

 # OF DELAY/EXT 2-CHANNEL DETECTOR 2

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
1	2	2	0	1	6	0	0
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
1	0	0	0	5	6	0	0

	DET	DET	DET	DET	DET	DET	DET	DET
DELAY/EXTEND	☐	☑	☐	☐	☐	☑	☐	☐

	V DET	V DET 2	V DET 3	V DET 4	V DET 5	V DET 6	V DET 7	V DET 8
VIDEO	☑	☑	☑	☑	☑	☑	☑	☑

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Siemens ACTRA compatible controller with internal RJ45 port, Include MMU with ethernet port, Include SDLC panel.

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SL- ST. LOUIS	ST. LOUIS	IS	55	Butler Hill SB Ramp	1.57000

SHIP TO:			
WILLIAM MARSHALL	2309 A BARRETT STATION ROAD	BALLWIN, MO	63021

SIGNAL ID: 650

CABINET TYPE: NEMA/PT STANDARD EV

CABINET TS1/TS2: TS1

CONTROLLER: TS2/Type2

CONTROLLER TYPE: ACTUATED

CABINET DESCRIPTION: TS1 Cabinet

SYSTEM MASTER:

DETECTION TYPE: INDUCTION

INTERCONNECT TYPE:

VIDEO SYSTEM INTERFACE:

PRE-EMPT:

BACKPANEL: 12-POSITION-TS1

VIDEO SYSTEM TYPE:

PRE-EMPT INFORMATION:

☑ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
WBLT	EB	SB			WB						

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

OF STANDARD 2-CHANNEL DETECTOR: 7

OF DELAY/EXT 2-CHANNEL DETECTOR: 0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
1	3	3	0	0	0	0	0
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
0	2	2	2	2	0	6	6

DELAY/EXTEND	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐
VIDEO	V DET ☐	V DET 2 ☐	V DET 3 ☐	V DET 4 ☐	V DET 5 ☐	V DET 6 ☐	V DET 7 ☐	V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Siemens ACTRA compatible with internal RJ45 port Include MMU with ethernet port Include SDLC panel

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SL- ST. LOUIS	ST. LOUIS	IS	55	Butler Hill NB Ramp	1.68000

SHIP TO:			
WILLIAM MARSHALL	2309 A BARRETT STATION ROAD	BALLWIN, MO	63021

SIGNAL ID: 651

CABINET TYPE: NEMA/PT STANDARD EV

CABINET TS1/TS2: TS1

CONTROLLER: TS2/Type2

CONTROLLER TYPE: ACTUATED

CABINET DESCRIPTION: TS1 Cabinet

SYSTEM MASTER:

DETECTION TYPE: INDUCTION

INTERCONNECT TYPE:

VIDEO SYSTEM INTERFACE:

PRE-EMPT:

BACKPANEL: 12-POSITION-TS1

VIDEO SYSTEM TYPE:

PRE-EMPT INFORMATION:

☑ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
	EB	NB		EBLT	WB						

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

OF STANDARD 2-CHANNEL DETECTOR: 5

OF DELAY/EXT 2-CHANNEL DETECTOR: 0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
2	2	3	3	0	0	2	0
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
6	6	6	2	0	0	0	0

DELAY/EXTEND	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐
VIDEO	V DET ☐	V DET 2 ☐	V DET 3 ☐	V DET 4 ☐	V DET 5 ☐	V DET 6 ☐	V DET 7 ☐	V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Siemens ACTRA compatible with RJ45 port Include MMU with ethernet port Include SDLC panel

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
5L: ST. LOUIS	ST. LOUIS	MO	141	Hawkins	11.34000

SHIP TO:

WILLIAM MARSHALL	2309 A BARRETT STATION ROAD	BALLWIN, MO	63021

SIGNAL ID 689

CABINET TYPE NEMA/PT STANDARD EV

CABINET TS1/TS2 TS1

CONTROLLER TS2/Type2

CONTROLLER TYPE ACTUATED

CABINET DESCRIPTION TS1 Cabinet

SYSTEM MASTER

DETECTION TYPE INDUCTION

INTERCONNECT TYPE FIBER CLOSED LOOP

VIDEO SYSTEM INTERFACE

PRE-EMPT FIRE STATION PRE-EMPT

BACKPANEL 12-POSITION-TS1

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION Optical - A 4-preempt relay is required

☑ **D PLUG**

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
EBLT	WB	SBLT	NB	WBLT	EB	NBLT	SB	NBRT	NBPED	EBPED	

☐ **EXCLUSIVE PED PHASE**

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

 # OF STANDARD 2-CHANNEL DETECTOR 8

 # OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
1	6	6	0	3	0	8	8
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
5	5	2	2	0	2	4	4

DELAY/EXTEND	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐
VIDEO	V DET ☐	V DET 2 ☐	V DET 3 ☐	V DET 4 ☐	V DET 5 ☐	V DET 6 ☐	V DET 7 ☐	V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

8-CH2 = OLA Must be Siemens ACTRA compatible with RJ45 port Include MMU with ethernet port Include SDLC panel. Fiber modem - MM

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SL- ST. LOUIS	ST. LOUIS	IS	44	Big Bend	7.30000

SHIP TO:

WILLIAM MARSHALL	2309 A BARRETT STATION ROAD	BALLWIN, MO	63021

SIGNAL ID 1433

CABINET TYPE NEMA/PT STANDARD EV

CABINET TS1/TS2 TS1

CONTROLLER TS2/Type2

CONTROLLER TYPE ACTUATED

CABINET DESCRIPTION TS1 Cabinet

SYSTEM MASTER

DETECTION TYPE VIDEO W/CARD RACK

INTERCONNECT TYPE FIBER CLOSED LOOP

VIDEO SYSTEM INTERFACE INDUCTION DETECTOR PANEL

PRE-EMPT

BACKPANEL 12-POSITION-TS1

VIDEO SYSTEM TYPE Iteris

PRE-EMPT INFORMATION

☑ **D PLUG**

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
OLA FYA	NB (Send)	EB	SB(Send	OLC FYA	SB(Nend	WB	NB(Nend	Ph 1 SBL		Ph 5 NBL	

☐ **EXCLUSIVE PED PHASE**

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

 # OF STANDARD 2-CHANNEL DETECTOR 0

 # OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
0	0	0	0	0	0	0	0
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
0	0	0	0	0	0	0	0

DELAY/EXTEND	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐
VIDEO	V DET ☑	V DET 2 ☑	V DET 3 ☑	V DET 4 ☑	V DET 5 ☑	V DET 6 ☑	V DET 7 ☑	V DET 8 ☑

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Siemens ACTRA compatible with internal RJ45 port Include FYA ready MMU with ethernet port Include SDLC panel. OLA = FYA for Phase 1, OLC = FYA for Phase 5. LS 9 = Phase 1 Green Arrow, LS 11 = Phase 5 Green Arrow.

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SL: ST. LOUIS	ST. LOUIS	MO	100	Strecker/Ruck	98.34000

SHIP TO:

WILLIAM MARSHALL	2309 A BARRETT STATION ROAD	BALLWIN, MO	63021

SIGNAL ID 1495

CABINET TYPE NEMA/PT STANDARD EV

CABINET TS1/TS2 TS1

CONTROLLER TS2/Type2

CONTROLLER TYPE ACTUATED

CABINET DESCRIPTION TS1 Cabinet

SYSTEM MASTER

DETECTION TYPE INDUCTION

INTERCONNECT TYPE FIBER CLOSED LOOP

VIDEO SYSTEM INTERFACE

PRE-EMPT FIRE STATION PRE-EMPT

BACKPANEL 12-POSITION-TS1

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION Optical - A 4-preempt relay is required

☑ **D PLUG**

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
EBLT	WB		SB	WBLT	EB		NB				

☐ **EXCLUSIVE PED PHASE**

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

 # OF STANDARD 2-CHANNEL DETECTOR 6

 # OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
1	6	6	6	6	8	0	0
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
5	2	0	0	0	0	0	0

DELAY/EXTEND	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐
VIDEO	V DET ☐	V DET 2 ☐	V DET 3 ☐	V DET 4 ☐	V DET 5 ☐	V DET 6 ☐	V DET 7 ☐	V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Siemens ACTRA compatible with internal RJ45 port Include MMU with ethernet port Include SDLC panel MMU to be compatible with FYA operation

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SL ST. LOUIS	JEFFERSON	RT	Z	County Rd.	5.84000

SHIP TO:

WILLIAM MARSHALL	2309 A BARRETT STATION ROAD	BALLWIN, MO	63021

SIGNAL ID 1509

CABINET TYPE POLE MOUNT E

CABINET TS1/TS2 TS1

CONTROLLER TS2/Type2

CONTROLLER TYPE ACTUATED

CABINET DESCRIPTION Pole mounted, separate cabinet for ITS devices

SYSTEM MASTER

DETECTION TYPE INDUCTION

INTERCONNECT TYPE FIBER CLOSED LOOP

VIDEO SYSTEM INTERFACE INDUCTION DETECTOR PANEL

PRE-EMPT

BACKPANEL 12-POSITION-TS1

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

☐ **D PLUG**

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
	EB		NB		WB		SB				

☐ **EXCLUSIVE PED PHASE**

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

 # OF STANDARD 2-CHANNEL DETECTOR 3

 # OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
0	6	0	0	0	8	0	0
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
0	2	0	0	0	4	4	0

DELAY/EXTEND	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐
VIDEO	V DET ☐	V DET 2 ☐	V DET 3 ☐	V DET 4 ☐	V DET 5 ☐	V DET 6 ☐	V DET 7 ☐	V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Siemens ACTRA compatible controller with RJ45 port. Include FYA MMU with ethernet port. Include SDLC panel.

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SL ST. LOUIS	FRANKLIN	MO	47	Route TT	71.10000

SHIP TO:

WILLIAM MARSHALL	2309 A BARRETT STATION ROAD	BALLWIN, MO	63021

SIGNAL ID: 1514

CABINET TYPE: NEMA/PT STANDARD EV

CABINET TS1/TS2: TS1

CONTROLLER: TS2/Type2

CONTROLLER TYPE: ACTUATED

CABINET DESCRIPTION:

SYSTEM MASTER:

DETECTION TYPE: INDUCTION

INTERCONNECT TYPE:

VIDEO SYSTEM INTERFACE: INDUCTION DETECTOR PANEL

PRE-EMPT:

BACKPANEL: 12-POSITION-TS1

VIDEO SYSTEM TYPE:

PRE-EMPT INFORMATION:

☑ D PLUG

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
EBL/ SBR	WB		SB		EB		NB				

☐ EXCLUSIVE PED PHASE

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

OF STANDARD 2-CHANNEL DETECTOR: 4

OF DELAY/EXT 2-CHANNEL DETECTOR: 0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
1	6	6	0	0	8	0	0
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
1	5	2	0	0	4	0	0

DELAY/EXTEND	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐
VIDEO	V DET ☐	V DET 2 ☐	V DET 3 ☐	V DET 4 ☐	V DET 5 ☐	V DET 6 ☐	V DET 7 ☐	V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Siemens ACTRA compatible controller with RJ45 port. Include FYA MMU with ethernet port. Include SDLC panel.

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SL ST. LOUIS	ST. LOUIS	CST	Des Peres (270 W	MO 100 EB Ramps	1.89100

SHIP TO:

WILLIAM MARSHALL	2309 A BARRETT STATION ROAD	BALLWIN, MO	63021

SIGNAL ID 4069

CABINET TYPE NEMA/PT STANDARD EV

CABINET TS1/TS2 TS1

CONTROLLER TS2/Type2

CONTROLLER TYPE ACTUATED

CABINET DESCRIPTION TS1 Cabinet

SYSTEM MASTER

DETECTION TYPE INDUCTION

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE

PRE-EMPT

BACKPANEL 12-POSITION-TS1

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

☑ **D PLUG**

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
	NBT		EB	NBL	SBT						

☐ **EXCLUSIVE PED PHASE**

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

 # OF STANDARD 2-CHANNEL DETECTOR 2

 # OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
6	6	0	0	0	0	0	0
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
5	2	0	0	0	0	0	0

DELAY/EXTEND	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐
VIDEO	V DET ☐	V DET 2 ☐	V DET 3 ☐	V DET 4 ☐	V DET 5 ☐	V DET 6 ☐	V DET 7 ☐	V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Siemens ACTRA compatible controller with internal RJ45 port. Include SDLC panel. Include MMU with ethernet port. MMU to be compatible with FYA operation.

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SL ST. LOUIS	ST. LOUIS	CST	Des Peres (270 W	Movie Dr	1.71500

SHIP TO:

WILLIAM MARSHALL	2309 A BARRETT STATION ROAD	BALLWIN, MO	63021

SIGNAL ID 4070

CABINET TYPE NEMA/PT STANDARD EV

CABINET TS1/TS2 TS1

CONTROLLER TS2/Type2

CONTROLLER TYPE ACTUATED

CABINET DESCRIPTION TS1 Cabinet

SYSTEM MASTER

DETECTION TYPE INDUCTION

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE

PRE-EMPT

BACKPANEL 12-POSITION-TS1

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

☑ **D PLUG**

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
SBL	NBT	EBL	WBT	NBL	SBT	WBL	EBT				

☐ **EXCLUSIVE PED PHASE**

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

 # OF STANDARD 2-CHANNEL DETECTOR 5

 # OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
1	0	6	6	3	0	8	0
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
5	0	2	2	7	0	4	0

DELAY/EXTEND	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐
VIDEO	V DET ☐	V DET 2 ☐	V DET 3 ☐	V DET 4 ☐	V DET 5 ☐	V DET 6 ☐	V DET 7 ☐	V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Siemens ACTRA compatible controller with internal RJ45 port. Include SDLC panel. Include MMU with ethernet port. MMU to be compatible with FYA operation.

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SL: ST. LOUIS	ST. LOUIS	OR	I-64 SOR	Maryville Centre Dr	0.67300

SHIP TO:

WILLIAM MARSHALL	2309 A BARRETT STATION ROAD	BALLWIN, MO	63021

SIGNAL ID 12226

CABINET TYPE NEMA/PT STANDARD EV

CABINET TS1/TS2 TS1

CONTROLLER TS2/Type2

CONTROLLER TYPE ACTUATED

CABINET DESCRIPTION TS1 Cabinet

SYSTEM MASTER

DETECTION TYPE VIDEO W/CARD RACK

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE NONE"

PRE-EMPT

BACKPANEL 12-POSITION-TS1

VIDEO SYSTEM TYPE Iteris Vantage Plus - Via RS-232

PRE-EMPT INFORMATION

☑ **D PLUG**

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
SBL	NBT		EB		NBT						

☐ **EXCLUSIVE PED PHASE**

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

 # OF STANDARD 2-CHANNEL DETECTOR 0

 # OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
0	0	0	0	0	0	0	0
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
0	0	0	0	0	0	0	0

DELAY/EXTEND	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐
VIDEO	V DET ☐	V DET 2 ☐	V DET 3 ☐	V DET 4 ☐	V DET 5 ☐	V DET 6 ☐	V DET 7 ☐	V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Siemens ACTRA compatible controller with internal RJ45 port. Include SDLC panel. Include MMU with ethernet port.

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NEMA TS1/TS2 Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SL ST. LOUIS	ST. LOUIS	MO	267	Lemay Plaza	3.00000

SHIP TO:

WILLIAM MARSHALL	2309 A BARRETT STATION ROAD	BALLWIN, MO	63021

SIGNAL ID 13246

CABINET TYPE NEMA/PT STANDARD EV

CABINET TS1/TS2 TS1

CONTROLLER TS2/Type2

CONTROLLER TYPE ACTUATED

CABINET DESCRIPTION TS1 Cabinet

SYSTEM MASTER

DETECTION TYPE VIDEO W/CARD RACK

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE INDUCTION DETECTOR PANEL

PRE-EMPT

BACKPANEL 12-POSITION-TS1

VIDEO SYSTEM TYPE Autoscope

PRE-EMPT INFORMATION

☑ **D PLUG**

NEMA TS1 LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
SBLT	NB	WB			SB						WBPED

☐ **EXCLUSIVE PED PHASE**

NEMA TS2 LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

 # OF STANDARD 2-CHANNEL DETECTOR 0

 # OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
0	0	0	0	0	0	0	0
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
0	0	0	0	0	0	0	0

DELAY/EXTEND	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐
VIDEO	V DET ☑	V DET 2 ☑	V DET 3 ☑	V DET 4 ☐	V DET 5 ☐	V DET 6 ☑	V DET 7 ☐	V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Siemens ACTRA compatible with internal RJ45 port Include FYA MMU with ethernet port Include SDLC panel

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Brand Specific Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SW JOPLIN	JASPER	BU	71	Mall	12.26000

SHIP TO:

KENNETH BLACK	2800 STEPHENS BLVD., BLDG. D	JOPLIN, MO	64804

SIGNAL ID: 1908

CABINET TYPE: NEMA/PT STANDARD EV

CABINET TS1/TS2: TS2

CONTROLLER: TS2/Type2

CONTROLLER TYPE: ACTUATED

CABINET DESCRIPTION: 8 phase quad left

SYSTEM MASTER:

DETECTION TYPE: VIDEO W/O CARD RACK

VIDEO SYSTEM INTERFACE:

INTERCONNECT TYPE: FIBER CLOSED LOOP

PRE-EMPT:

BACKPANEL: 12-POSITION-TS2

VIDEO SYSTEM TYPE: Travis/Insync

PRE-EMPT INFORMATION:

☑ D PLUG

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	PED2	PED4	PED6	PED8

☐ EXCLUSIVE PED PHASE

NEMA LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

OF STANDARD 2-CHANNEL DETECTOR: 0

OF DELAY/EXT 2-CHANNEL DETECTOR: 0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
0	0	0	0	0	0	0	0
1-CH2	2-CH2	3-CH2	4-CH2	5-CH2	6-CH2	7-CH2	8-CH2
0	0	0	0	0	0	0	0

DELAY/EXTEND	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐
VIDEO	V DET ☐	V DET 2 ☐	V DET 3 ☐	V DET 4 ☐	V DET 5 ☐	V DET 6 ☐	V DET 7 ☐	V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Eagle

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Brand Specific Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SW JOPLIN	JASPER	BU	71	4th	12.54000

SHIP TO:

KENNETH BLACK	2800 STEPHENS BLVD., BLDG. D	JOPLIN, MO	64804

SIGNAL ID: 1909

CONTROLLER: TS2/Type2

SYSTEM MASTER:

INTERCONNECT TYPE: FIBER CLOSED LOOP

BACKPANEL: 12-POSITION-TS2

☑ D PLUG

CONTROLLER TYPE: ACTUATED

DETECTION TYPE: VIDEO W/O CARD RACK

VIDEO SYSTEM INTERFACE:

VIDEO SYSTEM TYPE: Travis/Insync

CABINET TYPE: NEMA/PT STANDARD EV

CABINET TS1/TS2: TS2

CABINET DESCRIPTION: 8 phase quad left

PRE-EMPT:

PRE-EMPT INFORMATION:

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12

☐ EXCLUSIVE PED PHASE

NEMA LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

OF STANDARD 2-CHANNEL DETECTOR: 0

OF DELAY/EXT 2-CHANNEL DETECTOR: 0

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
0	0	0	0	0	0	0	0
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
0	0	0	0	0	0	0	0

DELAY/EXTEND	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐
VIDEO	V DET ☐	V DET 2 ☐	V DET 3 ☐	V DET 4 ☐	V DET 5 ☐	V DET 6 ☐	V DET 7 ☐	V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Eagle

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Brand Specific Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SW - JOPLIN	JASPER	RT	FF	71 NB ramp	5.01000

SHIP TO:

KENNETH BLACK	2800 STEPHENS BLVD., BLDG. D	JOPLIN, MO	64804

SIGNAL ID 2026

CABINET TYPE NEMA/PT STANDARD EV

CABINET TS1/TS2 TS2

CONTROLLER TS2/Type2

CONTROLLER TYPE ACTUATED

CABINET DESCRIPTION 8 phase quad left

SYSTEM MASTER

DETECTION TYPE INDUCTION

INTERCONNECT TYPE

VIDEO SYSTEM INTERFACE

PRE-EMPT

BACKPANEL 12-POSITION-TS2

VIDEO SYSTEM TYPE

PRE-EMPT INFORMATION

☑ **D PLUG**

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	PED2	PED4	PED6	PED8

☐ **EXCLUSIVE PED PHASE**

NEMA LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

 # OF STANDARD 2-CHANNEL DETECTOR 8

 # OF DELAY/EXT 2-CHANNEL DETECTOR 6

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
1	2	2	2	3	4	4	4
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
5	6	6	6	7	8	8	8

DELAY/EXTEND	DET ☑	DET ☑	DET ☑	DET ☐	DET ☑	DET ☑	DET ☑	DET ☐
VIDEO	V DET ☐	V DET 2 ☐	V DET 3 ☐	V DET 4 ☐	V DET 5 ☐	V DET 6 ☐	V DET 7 ☐	V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

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Brand Specific Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SW - JOPLIN	JASPER	RT	FF	71 SB ramp	4.80000

SHIP TO:			
KENNETH BLACK	2800 STEPHENS BLVD., BLDG. D	JOPLIN, MO	64804

SIGNAL ID: 2027

CONTROLLER: TS2/Type2

SYSTEM MASTER:

INTERCONNECT TYPE:

BACKPANEL: 12-POSITION-TS2

☑ D PLUG

CONTROLLER TYPE: ACTUATED

DETECTION TYPE: INDUCTION

VIDEO SYSTEM INTERFACE:

VIDEO SYSTEM TYPE:

CABINET TYPE: NEMA/PT STANDARD EV

CABINET TS1/TS2: TS2

CABINET DESCRIPTION: 8 phase quad left

PRE-EMPT:

PRE-EMPT INFORMATION:

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	PED2	PED4	PED6	PED8

☐ EXCLUSIVE PED PHASE

NEMA LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

OF STANDARD 2-CHANNEL DETECTOR: 8

OF DELAY/EXT 2-CHANNEL DETECTOR: 6

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
1	2	2	2	3	4	4	4
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
5	6	6	6	7	8	8	8

	DET	DET	DET	DET	DET	DET	DET	DET
DELAY/EXTEND	☑	☑	☑	☐	☑	☑	☑	☐
	V DET	**V DET 2**	**V DET 3**	**V DET 4**	**V DET 5**	**V DET 6**	**V DET 7**	**V DET 8**
VIDEO	☐	☐	☐	☐	☐	☐	☐	☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Eagle

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Brand Specific Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SW - JOPLIN	JASPER	MO	66	St. Louis	6.94000

SHIP TO:

KENNETH BLACK	2800 STEPHENS BLVD., BLDG. D	JOPLIN, MO	64804

SIGNAL ID 2504

CONTROLLER
TS2/Type2

SYSTEM MASTER

INTERCONNECT TYPE

BACKPANEL
12-POSTION-TS2

☑ D PLUG

CONTROLLER TYPE
ACTUATED

DETECTION TYPE
INDUCTION

VIDEO SYSTEM INTERFACE

VIDEO SYSTEM TYPE

CABINET TYPE
NEMA/PT STANDARD EV

CABINET TS1/TS2
TS2

CABINET DESCRIPTION
8 phase quad left

PRE-EMPT

PRE-EMPT INFORMATION

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	PED2	PED4	PED6	PED8

☐ **EXCLUSIVE PED PHASE**

NEMA LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

 # OF STANDARD 2-CHANNEL DETECTOR 8

 # OF DELAY/EXT 2-CHANNEL DETECTOR 6

CARD RACK CONFIGURATION
FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
1	2	2	2	3	4	4	4
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
5	6	6	6	7	8	8	8

DELAY/EXTEND	DET ☑	DET ☑	DET ☑	DET ☐	DET ☑	DET ☑	DET ☑	DET ☐
VIDEO	V DET ☐	V DET 2 ☐	V DET 3 ☐	V DET 4 ☐	V DET 5 ☐	V DET 6 ☐	V DET 7 ☐	V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Eagle

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Brand Specific Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SW - JOPLIN	JASPER	BU	71	Newman	11.77000

SHIP TO:

KENNETH BLACK	2800 STEPHENS BLVD., BLDG. D	JOPLIN, MO	64804

SIGNAL ID 2508

CONTROLLER
TS2/Type2

SYSTEM MASTER

INTERCONNECT TYPE
RADIO CLOSED LOOP

BACKPANEL
12-POSITION-TS2

☑ **D PLUG**

CONTROLLER TYPE
ACTUATED

DETECTION TYPE
VIDEO W/O CARD RACK

VIDEO SYSTEM INTERFACE

VIDEO SYSTEM TYPE
Travis/Insync

CABINET TYPE
NEMA/PT STANDARD EV

CABINET TS1/TS2
TS2

CABINET DESCRIPTION
8 phase qaud left

PRE-EMPT
FIRE STATION PRE-EMPT

PRE-EMPT INFORMATION
input through D panel

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	PED2	PED4	PED6	PED8

☐ **EXCLUSIVE PED PHASE**

NEMA LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

 # OF STANDARD 2-CHANNEL DETECTOR 0

 # OF DELAY/EXT 2-CHANNEL DETECTOR 0

CARD RACK CONFIGURATION
FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
0	0	0	0	0	0	0	0
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
0	0	0	0	0	0	0	0

DELAY/EXTEND	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐	DET ☐
VIDEO	V DET ☐	V DET 2 ☐	V DET 3 ☐	V DET 4 ☐	V DET 5 ☐	V DET 6 ☐	V DET 7 ☐	V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

must be eagle

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Brand Specific Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SW JOPLIN	BARRY	BU	60	13th st.	1.00000

SHIP TO:

KENNETH BLACK	2800 STEPHENS BLVD., BLDG. D	JOPLIN, MO	64804

SIGNAL ID: 2557

CONTROLLER: TS2/Type2

SYSTEM MASTER:

INTERCONNECT TYPE:

BACKPANEL: 12-POSITION-TS2

☑ D PLUG

CONTROLLER TYPE: ACTUATED

DETECTION TYPE: INDUCTION

VIDEO SYSTEM INTERFACE:

VIDEO SYSTEM TYPE:

CABINET TYPE: NEMA/PT STANDARD EV

CABINET TS1/TS2: TS2

CABINET DESCRIPTION: 8 phase quad left

PRE-EMPT:

PRE-EMPT INFORMATION:

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	PED2	PED4	PED6	PED8

☐ EXCLUSIVE PED PHASE

NEMA LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

OF STANDARD 2-CHANNEL DETECTOR: 8

OF DELAY/EXT 2-CHANNEL DETECTOR: 6

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
1	2	2	2	3	4	4	4
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
5	6	6	6	7	8	8	8

	DET	DET	DET	DET	DET	DET	DET	DET
DELAY/EXTEND	☑	☑	☑	☐	☑	☑	☑	☐

	V DET	V DET 2	V DET 3	V DET 4	V DET 5	V DET 6	V DET 7	V DET 8
VIDEO	☐	☐	☐	☐	☐	☐	☐	☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Eagle

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Brand Specific Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SW - JOPLIN	BARRY	BU	60	County rd.	0.24000

SHIP TO:			
KENNETH BLACK	2800 STEPHENS BLVD., BLDG. D	JOPLIN, MO	64804

SIGNAL ID: 2563

CABINET TYPE: NEMA/PT STANDARD EV

CABINET TS1/TS2: TS2

CONTROLLER: TS2/Type2

CONTROLLER TYPE: ACTUATED

CABINET DESCRIPTION: 8 phase quad left

SYSTEM MASTER:

DETECTION TYPE: INDUCTION

INTERCONNECT TYPE:

VIDEO SYSTEM INTERFACE:

PRE-EMPT:

BACKPANEL: 12-POSITION-TS2

VIDEO SYSTEM TYPE:

PRE-EMPT INFORMATION:

☑ D PLUG

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	PED2	PED4	PED6	PED8

☐ EXCLUSIVE PED PHASE

NEMA LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

OF STANDARD 2-CHANNEL DETECTOR: 8

OF DELAY/EXT 2-CHANNEL DETECTOR: 6

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
1	2	2	2	3	4	4	4
1-CH2	**2-CH2**	**3-CH2**	**4-CH2**	**5-CH2**	**6-CH2**	**7-CH2**	**8-CH2**
5	6	6	6	7	8	8	8

DELAY/EXTEND	DET ☑	DET ☑	DET ☑	DET ☐	DET ☑	DET ☑	DET ☑	DET ☐
VIDEO	V DET ☐	V DET 2 ☐	V DET 3 ☐	V DET 4 ☐	V DET 5 ☐	V DET 6 ☐	V DET 7 ☐	V DET 8 ☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Eagle

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Brand Specific Traffic Signal Controller Order Form

DISTRICT	COUNTY	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
SW - JOPLIN	BARRY	BU	60	Broadway	0.63000

SHIP TO:

KENNETH BLACK	2800 STEPHENS BLVD., BLDG. D	JOPLIN, MO	64804

SIGNAL ID: 2564

CONTROLLER: TS2/Type2

CONTROLLER TYPE: ACTUATED

CABINET TYPE: NEMA/PT STANDARD EV

CABINET TS1/TS2: TS2

CABINET DESCRIPTION: 8 phase quad left

SYSTEM MASTER:

DETECTION TYPE: INDUCTION

INTERCONNECT TYPE:

VIDEO SYSTEM INTERFACE:

PRE-EMPT:

BACKPANEL: 12-POSITION-TS2

VIDEO SYSTEM TYPE:

PRE-EMPT INFORMATION:

☑ D PLUG

NEMA LOAD SWITCH ASSIGNMENTS

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	PED2	PED4	PED6	PED8

☐ EXCLUSIVE PED PHASE

NEMA LOAD SWITCH ASSIGNMENTS

13	14	15	16

NEMA

OF STANDARD 2-CHANNEL DETECTOR: 8

OF DELAY/EXT 2-CHANNEL DETECTOR: 6

CARD RACK CONFIGURATION

FILL IN POSITIONS NEEDED WITH ASSOCIATED PHASE NUMBER

1-CH1	2-CH1	3-CH1	4-CH1	5-CH1	6-CH1	7-CH1	8-CH1
1	2	2	2	3	4	4	4
1-CH2	2-CH2	3-CH2	4-CH2	5-CH2	6-CH2	7-CH2	8-CH2
5	6	6	6	7	8	8	8

	DET	DET	DET	DET	DET	DET	DET	DET
DELAY/EXTEND	☑	☑	☑	☐	☑	☑	☑	☐

	V DET	V DET 2	V DET 3	V DET 4	V DET 5	V DET 6	V DET 7	V DET 8
VIDEO	☐	☐	☐	☐	☐	☐	☐	☐

OTHER INFORMATION OR SPECIAL REQUIREMENTS:

Must be Eagle

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