

Signal Heads Wiring Connections to Controller Output File Terminal Board TB1.

Cable	Cond. #	Colour/Mark	External Wiring or From - To	TB1	External Wiring or From - To
	1		120 V.AC from Toggle Switch	CP	120 V.AC to DDAU
	2		120 V.AC from Breaker	CT	Upper Cabinet Breaker
	3		Ground Lug (neutral & common)	G	Neutral
	4		Ground Lug (neutral & common)	N	Neutral
	5		Ground Lug (neutral & common)	C	Neutral
	6			R1	Load Switch #1 Red
	7			Y1	Load Switch #1 Yellow
	8			G1	Load Switch #1 Green
	9			R2	Load Switch #2 Red
	10			Y2	Load Switch #2 Yellow
	11			G2	Load Switch #2 Green
	12			R3	Load Switch #3 Red
	13			Y3	Load Switch #3 Yellow
	14			G3	Load Switch #3 Green
	15			R4	Load Switch #4 Red
	16			Y4	Load Switch #4 Yellow
	17			G4	Load Switch #4 Green
	18			R5	Load Switch #5 Red
	19			Y5	Load Switch #5 Yellow
	20			G5	Load Switch #5 Green
	21			R6	Load Switch #6 Red
	22			Y6	Load Switch #6 Yellow
	23			G6	Load Switch #6 Green
	24		PB (B.L.I. Red)	A	P.A.D. Red
	25		PB (B.L.I. White)	A1	P.A.D. White
	26		Detector 2 OptoDiode Output	A2	Vehicle Detector Input
	27		Detector 3 OptoDiode Output	A3	Vehicle Detector Input (advance)
	28		Detector 4 OptoDiode Output	A4	Vehicle Detector Input (advance)
	29		Hold Relay Pin 10	F	Signal On/Off (police door 120 V.AC)
	30		120 V.AC from Hold Relay	E1	Computer Light
	31		Neutral from TB 1 - N	E2	Computer Light
	32		Logic Ground (from TB2,2&3)	SP	Hold Relay Pin 8
	33		Hold Relay Pin 12	D	Stop Time - Controller
	34		Hold Relay Pin 4	H	Auto/Hand Switch (police door)
	35		Hold Relay Pin 9	I	Internal Advance - Controller
	36		Hold Relay Pin 1	J	Manual PB (police door)

NOTES

1 For external wiring for conductors 6 to 23 refer, to contract documents.



SIGNAL WIRING CONNECTION TO TB1

SCALE
NOT TO SCALE

REVISION DATE
JANUARY, 2012

Traffic Plant Installation and Maintenance

APPROVED BY:
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DRAWN BY:
P. B.

PLAN No.
809.010