	A	B	C	D	E	F

DIP SW1:
OFF - 6 OUTPUT TRAFFIC DIRECTOR USING OUT PUT 2 TO OUTPUT 7
ON - 8 OUTPUT TRAFFIC DIRECTOR USING OUTPUT 1 TO OUTPUT 8

FPC8TL-PIC

12	OUTPUT 8 (+12V TO LED MODULES)
11	OUTPUT 7 (+12V TO LED MODULES)
10	OUTPUT 6 (+12V TO LED MODULES)
9	OUTPUT 5 (+12V TO LED MODULES)
8	OUTPUT 4 (+12V TO LED MODULES)
7	OUTPUT 3 (+12V TO LED MODULES)
6	OUTPUT 2 (+12V TO LED MODULES)
5	OUTPUT 1 (+12V TO LED MODULES)
4	GROUND (TO LED MODULES)
3	GROUND (TO LED MODULES)
2	GROUND (TO LED MODULES)
1	GROUND (TO LED MODULES)

10	INPUT 6 (DIMMER) (+12V ACTIVATED)
9	INPUT 5 (ACTIVATES OUT 1 TO 8 FLASHING) (+12V ACTIVE)
8	INPUT 4 (ACTIVATES OUT 1 & OUT 8 FLASH) (+12V ACTIVE) * SEE NOTE
7	INPUT 3 (ACTIVATES CENTER FLASH) (+12V ACTIVE)
6	INPUT 2 (ACTIVATES ARROW RIGHT) (+12V ACTIVE)
5	INPUT 1 (ACTIVATES ARROW LEFT) (+12V ACTIVE)
4	GROUND BATTERY
3	GROUND BATTERY
2	+ 12V BATTERY
1	+ 12V BATTERY

} INPUT 1 & 2 (ACTIVATES CENTER OUT) (+12V ACTIVE)

ON 1 2 3 4 OFF

TRAFFIC DIRECTOR AND FLASHER
POSITIVE CONTROL MODULE

PATTERN CHANGE DIP SWITCH SETTINGS:

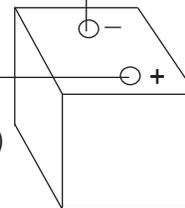| PATTERN	SW 2	SW 3	SW 4
3 FLASH FAST	OFF	OFF	OFF
2 FLASH FAST	ON	OFF	OFF
5 FLASH OVERLAP	OFF	ON	OFF
4 FLASH OVERLAP	OFF	OFF	ON
3 FLASH	ON	ON	OFF
DOUBLE FLASH	ON	OFF	ON
5 FLASH	OFF	ON	ON
4 FLASH	ON	ON	ON

NOTE: INPUT 4 WORKS ONLY IN 6OUT ARROW MODE.

INPUT 5 activates the outputs as follows:
GROUP 1 - OUT 1, OUT 2, OUT 3, OUT 4 together
GROUP 2 - OUT 5, OUT 6, OUT 7, OUT 8 together

FIRMWARE: FPC8TL-02BF

10 A FUSE
(NOT INCLUDED)

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8820 GEORGE BOLTON PKWY., BOLTON, ONTARIO

TITLE	FPC8TL-PIC ARROW & FLASH MODULE		
SIZE A3	NUMBER FPC8TL-PIC		REV 0
DATE APRIL 26th, 2016	DRAWN BY CRISTIAN		
FILENAME FPC8TL-PIC WIR DIAG	SHEET 1 OF 1		