U-5797 |Sig. 13.2

OUTPUT CHANNEL CONFIGURATION

Front Panel

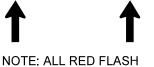
Main Menu >Controller >More>Channels>Channels Config

Web Interface

Home >Controller >Advanced IO>Channels>Channels Configuration

Channel Configuration

Channel	Control Type	Control Source	Flash Yellow	Flash Red	Flash Alt	MMU Channe
1	Phase Vehicle	1	·	Χ	Х	1
2	Phase Vehicle	2	·	Х		2
3	Phase Vehicle	3	·	Х	Χ	3
4	Phase Vehicle	4	·	Х		4
5	Phase Vehicle	5	·	Х		5
6	Phase Vehicle	6	·	Х	Х	6
7	Phase Vehicle	7	·	Х		7
8	Phase Vehicle	8	·	X	Х	8
9	Overlap	1	·	Х	Х	9
10	Overlap	2	·	Х	Х	10
11	Overlap	3	·	Х		11
12	Overlap	4	·	Х		12
13	Phase Ped	2	·			13
14	Phase Ped	4	·	·		14
15	Phase Ped	6				15
16	Phase Ped	8				16
17	Overlap	5		Х	Х	1.7
18	Overlap	6	·	Х		18



MAXTIME OVERLAP PROGRAMMING DETAIL

Front Panel

Main Menu >Controller >Overlap >Overlap Parameters/Overlap Timings

Web Interface

Home >Controller >Overlap Configuration >Overlaps

Overlap Plan 1

Overlap	2	3	4	6		
Type	FYA 4 - Section					
Included Phases	4	6	8	2		
Modifier Phases	3	5	<u> </u>	<u>-</u>		
Modifier Overlaps	4	4	4	-		
Trail Green	0	0	0	0		
Trail Yellow	0.0	0.0	0.0	0:0		
Trail Red	0.0	0.0	0.0	0:0		

FLASHER CIRCUIT MODIFICATION DETAIL

IN ORDER TO INSURE THAT SIGNALS FLASH CONCURRENTLY ON THE SAME APPROACH, MAKE THE FOLLOWING FLASHER CIRCUIT CHANGES:

1. ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-4 AND TERMINATE ON T2-2.

2. ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-5 AND TERMINATE ON T2-3.

3. REMOVE FLASHER UNIT 2.

THE CHANGES LISTED ABOVE TIES ALL PHASES AND OVERLAPS TO FLASHER UNIT 1.

LOGIC PROCESSOR PROGRAMMING

Front Panel

Main Menu >Controller >More >User Programs >Definition

Web Interface

Home >Controller >User Programs Configuration >User Programs Definition

Program 1

Statement	Result	Index	Operation	Parameter A	Index	Parameter B	Index	Delay	Ext
1	Phase Phase Omit	3	Result=!A	Preempt Input	2	None	0	0:0	0.0
2	Global Variable	33	Result=(A OR B)	Preempt Input	2	Preempt Status	2	0:0	0:0

LOGIC STATEMENT DESCRIPTION

Statement 1 Description: Omits Phase 3 while not in preemption.

Statement 2 Description: Turns Pilot Light on when button is pushed.

MAXTIME STARTUP AND SOFTWARE FLASH PROGRAMMING DETAIL

Front Panel

Main Menu >Controller >Unit

Web Interface

Home >Controller >Unit

Modify parameters as shown below and save changes.

Start Up Parameters

StartUp Clearance Hold

Unit Flash Parameters All Red Flash Exit Time

OUTPUT POINTS PROGRAMMING

Front Panel

Main Menu >Controller >More>Advanced IO >Output Points

Web Interface

Home >Controller >Advanced IO >Cabinet Configuration >Output Points

IO Module 1

Output Point	Descripton	Output Control Type	Index
33	C1-35	Global Variable	33

BACKUP PREVENTION **PROGRAMMING**

Front Panel

Main Menu >Controller >Sequence & Phs Config >Backup Prevention > Backup Protection Plan

Web Interface

Home >Controller> Backup Prevention >Backup Protection Plan

Sequence 1

•								
No Backup Phase	1	2	3	4	5	6	7	8
Serve Phase 1		-	÷	÷	÷	÷	÷	÷
Serve Phase 2	÷	÷	4	1	4	4	4	÷
Serve Phase 3	÷	-	÷	÷	÷	÷	÷	÷
Serve Phase 4	-	_	÷	÷	4	4	4	÷
Serve Phase 5	÷	-	÷	÷	÷	÷	÷	÷
Serve Phase 6	÷	-	÷	÷	Х	÷	÷	÷
Serve Phase 7	÷	<u> -</u>	÷	÷	÷	÷	÷	÷
Serve Phase 8	÷	-	-	÷	1	1	1	÷

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0897T3 DESIGNED: Feb 2025 SEALED: 03/19/2025 **REVISED:**



ALL RED BACKUP **PROGRAMMING**

Front Panel

Main Menu > Controller > Sequence & Phs Config>Backup Prevention > Backup Through Red

Web Interface

Home >Controller >Backup Prevention >Backup Calls Phase Plans > (scroll down) to Backup Through Red

Backup Through All Red

Sequence	Backup Through All Re
1	YES

Temporary Design 3 - TMP Phase VI, Step 1 Electrical Detail - Sheet 2 of 3

ELECTRICAL AND PROGRAMMING DETAILS FOR: Prepared for the Offices of: Division 6

750 N.Greenfield Pkwy,Garner,NC 27529

NC 211 (N. Roberts Avenue) Walnut Street

Robeson County Lumberton Feb 2025 REVIEWED BY: H.M. Surti PREPARED BY: R.L. Aristondo | REVIEWED BY: T.M. Moody REVISIONS INIT. DATE

DOCUMENT NOT CONSIDERED

FINAL UNLESS ALL

SIGNATURES COMPLETED

Trent Moody 03/19/2025 SIG. INVENTORY NO. 06-0897T3