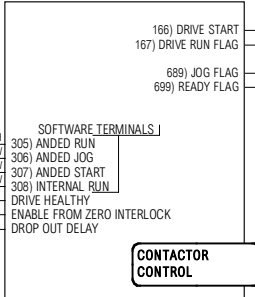
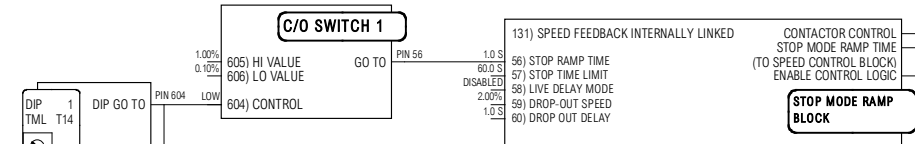
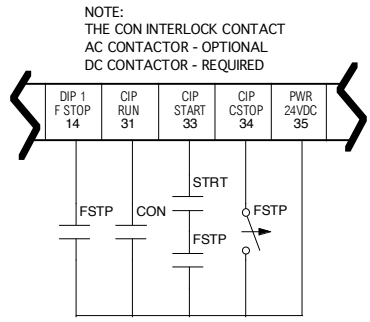


STOP RAMP TIME SET ON C/O SWITCH 1  
 0.10 % = 1 SECOND  
 PIN 605 = NORMAL STOP RAMP  
 PIN 606 = FAST STOP RAMP



JUMPER 1  
 GET FR 604  
 GO TO 306  
 JUMPER 2  
 GET FR 604  
 GO TO 307



NOTE:  
 THE CON INTERLOCK CONTACT  
 AC CONTACTOR - OPTIONAL  
 DC CONTACTOR - REQUIRED

ISS	DATE	APPROVED
A	15 FEB 02	T. COURNOW
B	24 AUG 04	T. COURNOW
C		
D		
E		

PROGRAMMING AND TEST PROCEDURE

Step 1 - Mode Change

Put the drive in program mode. Navigate to the Configuration Menu.

```
....CONFIGURATION 2
.....ENABLE GOTO,GETFROM = ENABLED
```

Step 2 - Programming

To program the functionality, navigate to the Digital Input Menu and then configure the Fast Stop Input.

```
....CONFIGURATION 2
.....DIGITAL INPUTS 3
.....DIP1 (T14) SETUP 4
.....GOTO = 604)C/O SW1 CONTROL
```

Next, navigate to the Jumper Connections Menu and setup Jumper 1 and Jumper 2.

```
....CONFIGURATION 2
.....JUMPER CONNECTIONS 3
.....JUMPER 1 4
.....GET FROM = 604)C/O SW1 CONTROL
.....GOTO = 306)ANDED JOG
.....JUMPER 2 4
.....GET FROM = 604)C/O SW1 CONTROL
.....GOTO = 307)ANDED START
```

Lastly, navigate to the Changeover Switch Menu and program the switching function and then set the Stop Ramp Times.

```
....APPLICATION BLOCKS 2
.....C/O SWITCH 1 3
.....605)C/O SW1 HI VALUE = 1.00 %
.....606)C/O SW1 LO VALUE = 0.10 %
.....GOTO = 56)STOP RAMP TIME
```

Step 3 - Mode Change

Put the drive back into normal run mode. Navigate to the Configuration Menu.

```
....CONFIGURATION 2
.....ENABLE GOTO,GETFROM = DISABLED
```

Step 4 - Test Your Program

To test your program, you need to monitor the Stop Ramp Time. Navigate to the Stop Mode Ramp Menu.

```
....CHANGE PARAMETERS 2
.....STOP MODE RAMP 3
.....56)STOP RAMP TIME = 10.0 SECS
```

When Terminal 14 is OFF, the Stop Ramp Time should be 1.0 seconds.

```
.....56)STOP RAMP TIME = 1.0 SECS
```

When Terminal 14 is ON, the Stop Ramp Time should be 10.0 seconds.

```
.....56)STOP RAMP TIME = 10.0 SECS
```

Step 5 - Adjust the Stop Ramp Times

If so desired, the Stop Ramp Time values: Normal Stop (PIN 605) and Fast Stop (PIN 606) may be adjusted without re-enabling Configuration Mode. Simply, adjust the times at the C/O SWITCH HI and LO VALUES (0.10 % = 1 second).

```
....APPLICATION BLOCKS 2
.....C/O SWITCH 1 3
.....605)C/O SW1 HI VALUE = 1.00 %
.....606)C/O SW1 LO VALUE = 0.10 %
```

Step 6 - Save Parameters

Once satisfied with the parameter settings, save your program to the drive's EEPROM.

```
....PARAMETER SAVE 2
.....UP KEY TO CONTINUE
```

Press the up key and the bottom line will indicate:

```
.....SAVING
```

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 email: info@bardac.com

SHT. TITLE	FAST STOP CONFIGURATION	CUST.	BARDAC CORPORATION	DRN.	T. COURNOW	DWG. NO.	APP01
DWG. TYPE	PLX APPLICATION NOTES	DIST.	N/A	DESIGN	T. COURNOW	DWG. ISS.	B
JOB TITLE	APPLICATION MANUAL	P.O.	N/A	SCALE	NONE	JOB NO.	APP01
LOCATION			USA	SIZE	A4	SHT.	1 OF 1