

**MELDAS FR-SF Series**

**Procedure To Switch Between A-SEL  
& B-SEL Parameters On FR-SF**

USA-E99651 -003A

**MITSUBISHI ELECTRIC AUTOMATION**

**USA**

### List of Past Revisions

Suffix	Date of Revision	Detail
*	7/15/98	First edition created
A	4/6/99	Totally revised the entire procedure to make it easier to follow.

WHEN AN FR-SF IS USED TO CONTROL TWO MOTORS, OR 1 COIL SWITCHING MOTOR, IT NEEDS TO HAVE TWO SEPARATE SETS OF PARAMETERS. THE SPINDLE DRIVE IS CAPABLE OF STORING ON EEPROM 2 PAGES OF PARAMETERS TO USE TWO DIFFERENT SETS OF MOTOR CONSTANTS. THESE SETS ARE REFERRED TO AS THE A-SELV AND B-SELV PARAMETERS. TO DIFFERENTIATE BETWEEN THE TWO, THE B-SELV SET WILL HAVE ADDRESSES WITH PERIODS IN THEM LIKE THIS : 0.1. THE A-SELV SET WILL HAVE ADDRESSES WITH NO PERIODS OR FLASHING PERIODS.

THE FOLLOWING IS A PROCEDURE TO ACCESS THESE SETS.

1. MAKE SURE PARAMETER #04 HAS A 3,4, OR 6 IN IT ON THE SPINDLE DRIVE.
2. TURN OFF MACHINE.
3. ON THE SF-CA CARD, PUT SW5 BITS 2&3 IN THE UP POSITION.
4. TURN ON MACHINE.
5. PUSH THE MODE BUTTON UNTIL A-SELV OR B-SELV APPEARS IN THE DISPLAY OF THE CA-CARD.
6. TO SWITCH BETWEEN MODES, PUSH THE SET BUTTON. (YOU MAY GET AN ALARM. IT'S OK.)
7. THEN PUSH THE MODE BUTTON AND PROCEED TO VIEW AND SET THE PARAMETERS AS USUAL.
8. THEN CHANGE SW5 BITS 2&3 BACK DOWN.
9. HIT RESET BUTTON ON DRIVE.
10. CYCLE POWER ON MACHINE