



SETTINGS :

TAB 1

Depends on ENCODER-A,B Connection

MODE SELECTION	SW1-1	SW1-2	SW1-3	SW1-4	SW1-5	SW1-6
CURRENT MODE	ON/OFF	OFF	OFF	X	X	ON/OFF
ENCODER VELOCITY	ON/OFF	OFF	ON	X	ON/OFF	ON/OFF
VOLTAGE MODE	ON/OFF	OFF	ON	OFF	X	ON/OFF
OPEN LOOP MODE	ON/OFF	OFF	ON	ON	X	ON/OFF

← P1-11 = LOW
← P1-11 = HIGH or NC

↑ ON - Only for Test Reason
Depending on the Load Impedance
ON - Ramp / OFF - No Ramp

TAB 2

STATUS	SW2-1	SW2-2	SW2-3	SW2-4	SW2-5	SW2-6
OFF	INHIBIT if (P1-7)=HIGH or NC	60°	CURRENT MODE	SWITCHING MODE	INH+ if (SW2-1)=ON	INH- if (SW2-1)=ON
ON	INHIBIT if (P1-7)=LOW	120°	VELOCITY MODE	LATCH MODE	INH+ if (SW2-1)=OFF	INH- if (SW2-1)=OFF

↑ LED is RED ↑

↑ LED is GREEN ↑

NOTES :

LED GREEN- NORMAL OPERATION, RED- FAULT or INHIBIT (See TAB 2)

RECOMMENDED SETTINGS FOR CURRENT MODE - POT1 FULLY CCW / POT2,3,4,FULLY CW

- P1 - VELOCITY LOOP GAIN (DEPENDS ON THE CHOSEN VELOCITY MODE)
- P2 - COMMON (PEAK-CONTINUOUS) CURRENT SCALING (Maximum At CW)
- P3 - REFERENCE VOLTAGE SCALING (Maximum At CW)
- P4 - (+/-) or ZERO OFFSET SET-UP (See TAB 1)

FAULT OUT - DEFAULT VALUE: CLOW @ FAULT RE187=NI
- DEFAULT VALUE CHANGE TO CHIGH RE187=0E

INH+ and INH- IN TAB 2 MEANS INHIBITED (+) or (-) OUTPUT CURRENT

POT5 and POT6 ARE INDEPENDENT POTs FOR RAMPING TIME UP and DOWN
CW - MINIMUM AVG. RAMPING TIME: 1.9s

CRJ - RESISTOR VALUE IN IKR COMPENSATION IS SUBJECT OF MOTOR'S PARAMETERS