

## ***TYPICAL CONFIGURATIONS SD250***

### **TWO WIRE START/STOP WITH ANALOGUE SPEED REFERENCE**



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Date: **17/04/13**



NZ 0800 VSD HELP  
(0800 873 4357)  
AUS 1800 735 855

PARAMETER	DEFAULT	DESCRIPTION	SET VALUE
DRIVE GROUP			
ACC	5.0sec	Acceleration Time	Adjust accordingly
dEC	10.0sec	Deceleration Time	Adjust accordingly
Drv	1	Drive Mode	1:Start/stop by terminals FX-forward or Rx- reverse
Frq	0(Keypad)	Frequency Mode	Change to= 3: (0-10V) or 4: (0-20mA)
0.00	0.00Hz	Reference frequency	Reference by V1 or I will be displayed
FUNCTION GROUP 1 (F)			
F21	50.00Hz	Maximum frequency	50.00Hz Adjust if necessary
F22	50.00Hz	Base frequency	50.00Hz Adjust if necessary
F23	0.50Hz	Start frequency	xx (Minimum speed at starting)
F24	0	Frequency limits selec	0:No (Limits established by max.freq and start freq) 1: YES (Limits established by Hi and Low freq limits)
F25	50.00Hz	High Frequency	50.00Hz Set values required
F26	0.50Hz	Low frequency	0.50 Hz Set values required
F27	0	Torque boost selec	0:Man torque 1:Auto torque
FUNCTION GROUP 2 (H)			
H30	xx	Motor power setting	xxkW Set required kW rating
H31	4	Number of motor poles	4:1500rpm (set accordingly)
H33	xx	Motor rated current	xx Amps Set required current motor nameplate
I/O GROUP (I)			
0-10Volt Analogue			
I7	0V	Minimum voltage V1	0V (Adjust min voltage as necessary)
I8	0.00Hz	Min frequency for V1	0.00Hz (Adjust min freq as required)
I9	10.0V	Max voltage of V1	10V (Adjust max voltage as necessary)
I10	50.00Hz	Max frequency for V1	50.00Hz (Adjust max freq as required)
0-20mA Analogue			
I12	4.0mA	Minimum current of I	4.0mA (Adjust min current accordingly)
I13	0.00Hz	Min frequency for I	0.00Hz (Adjust min freq as required)
I14	20.0mA	Maximum current of I	20.0mA Adjust max current accordingly)
I15	50.0Hz	Max frequency for I	50.0Hz (Adjust max freq as required)
I17	0	Config Input P1	0: (FX Forward Run Command)

denotes minimum necessary adjustments.

Terminals CMP1: Run Command NO Status

Terminals I/CM: 4-20mA Analogue Input

Terminals VR/V1/CM: 0-10V Analogue Input

