

Title: Schneider Inverter ATV12 Parameters Setup		Document #: PROC. ENG-E-053	Rev: 1.2
Author: Catherine	Checked By: Yu Binhua	Date Issued: February 3, 2012	Page: 1 of 7

Schneider Inverter ATV12 Parameters Setup

1. Purpose

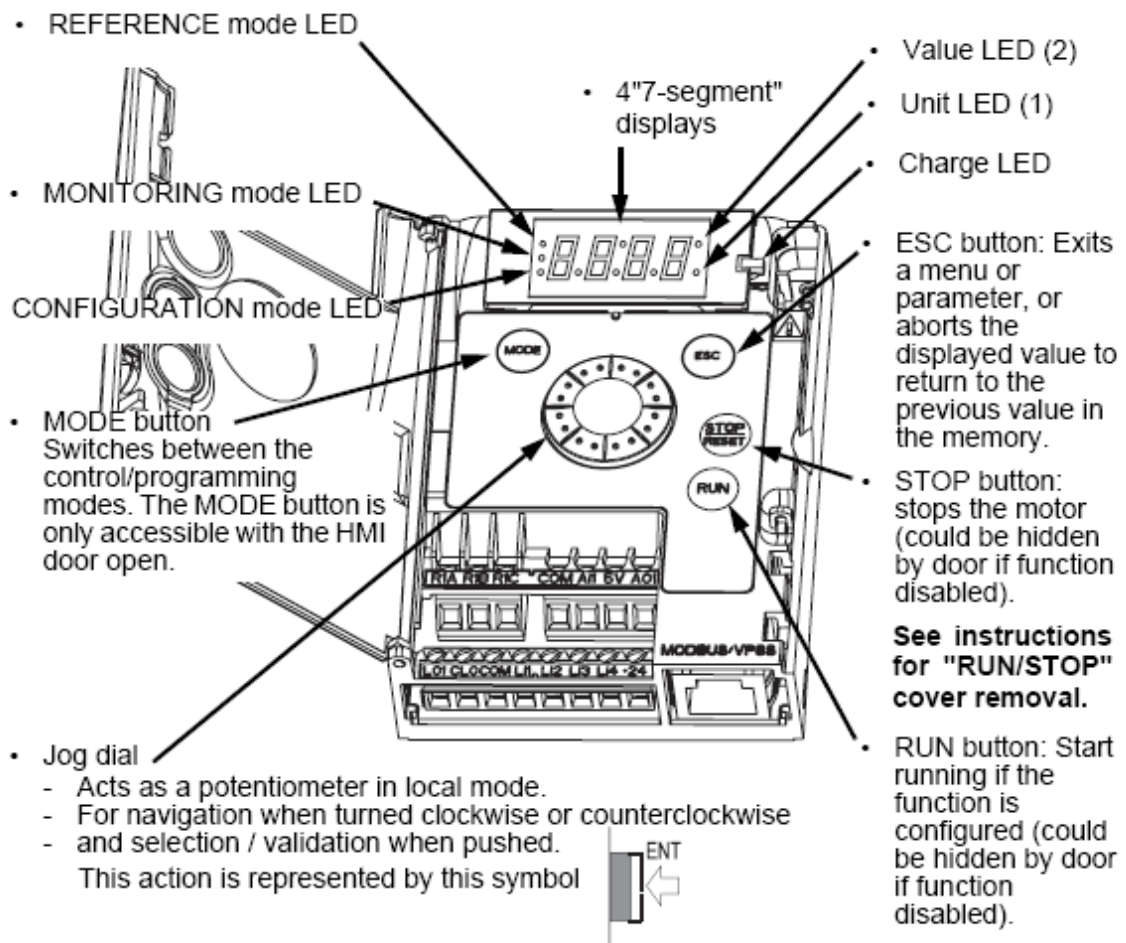
Instruction for Schneider ATV12 Parameters Setup

2. Apply Area

Applicable for all Schneider ATV12 frequency inverter which use on reflow machine in VSSZ plant.

3. Instructions:

1. Functions of the display and Keys:



(1) If illuminated, indicates that a unit is displayed, ex **A** **n** **P** displayed for "Amps"

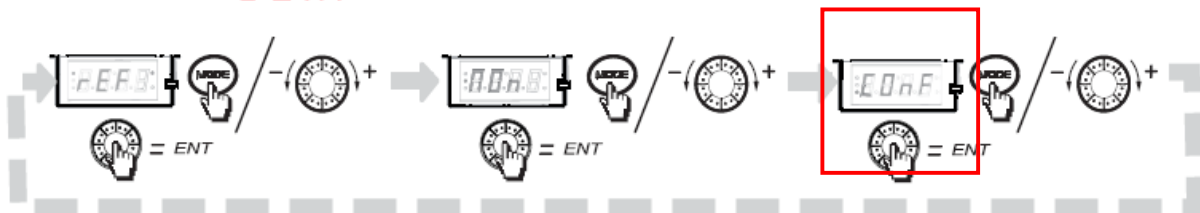
(2) If illuminated, indicates that a value is displayed, ex **0.** **5** displayed for "0.5"

Title: Schneider Inverter ATV12 Parameters Setup		Document #: PROC. ENG-E-053	Rev: 1.2
Author: Catherine	Checked By: Yu Binhua	Date Issued: February 3, 2012	Page: 2 of 7

2. Menus

Menus and parameters are classified in three branches:

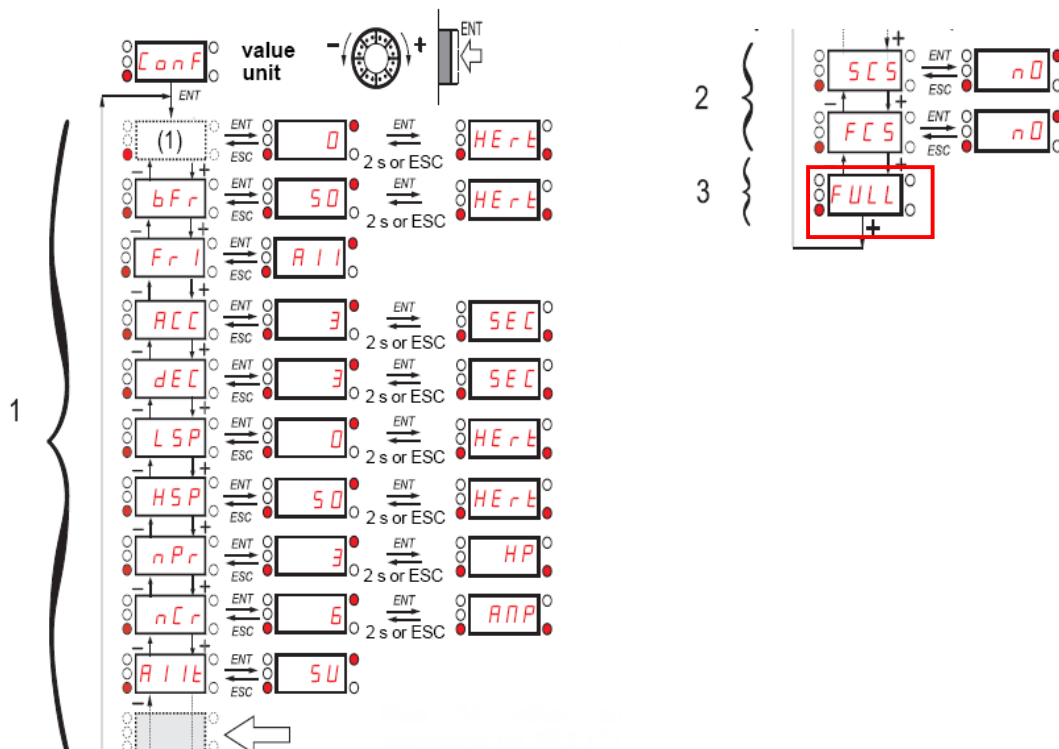
- a. Reference *rEF*
- b. Monitoring *nOn*
- c. Configuration *COnf*



3. Parameters Setup

3.1 All parameters setup are operating in 'Configuration' branch.

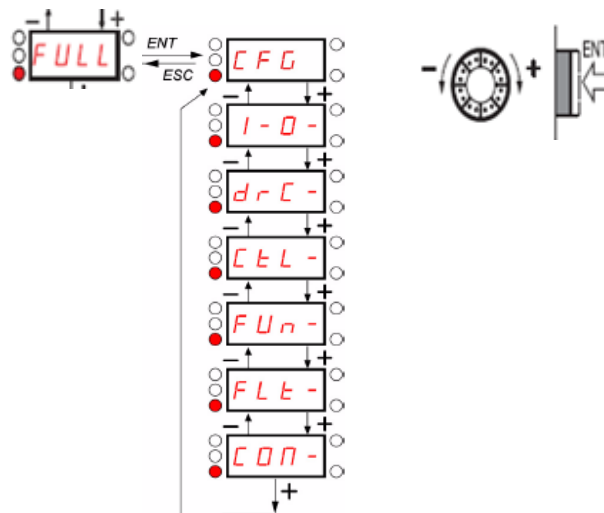
3.2 Organization tree of 'Configuration'.



Title: Schneider Inverter ATV12 Parameters Setup		Document #: PROC. ENG-E-053	Rev: 1.2
Author: Catherine	Checked By: Yu Binhua	Date Issued: February 3, 2012	Page: 3 of 7

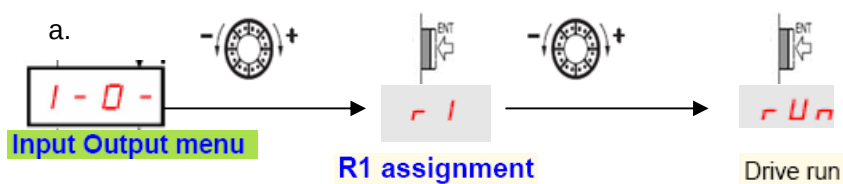
3.3 Parameters for VSSZ application

3.3.1 Organization tree of 'Full'.

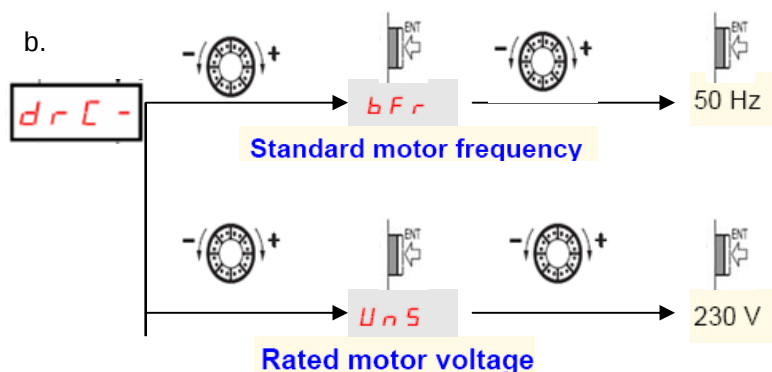


3.3.2 Setup. (The Inverter must in stop state before starting setup)

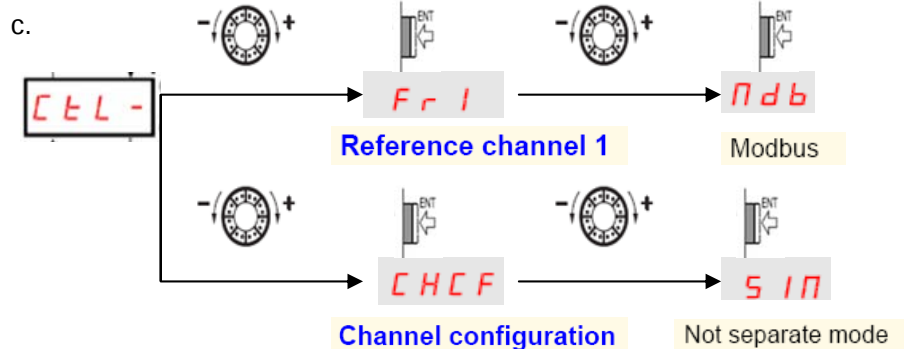
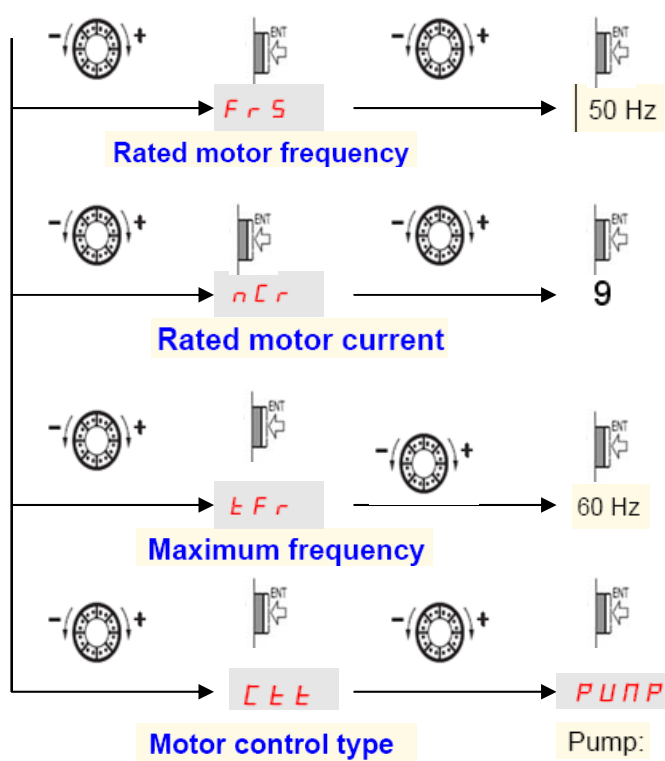
Sample:U1



Remark: After you finish the setting Push 'Ese' to exit



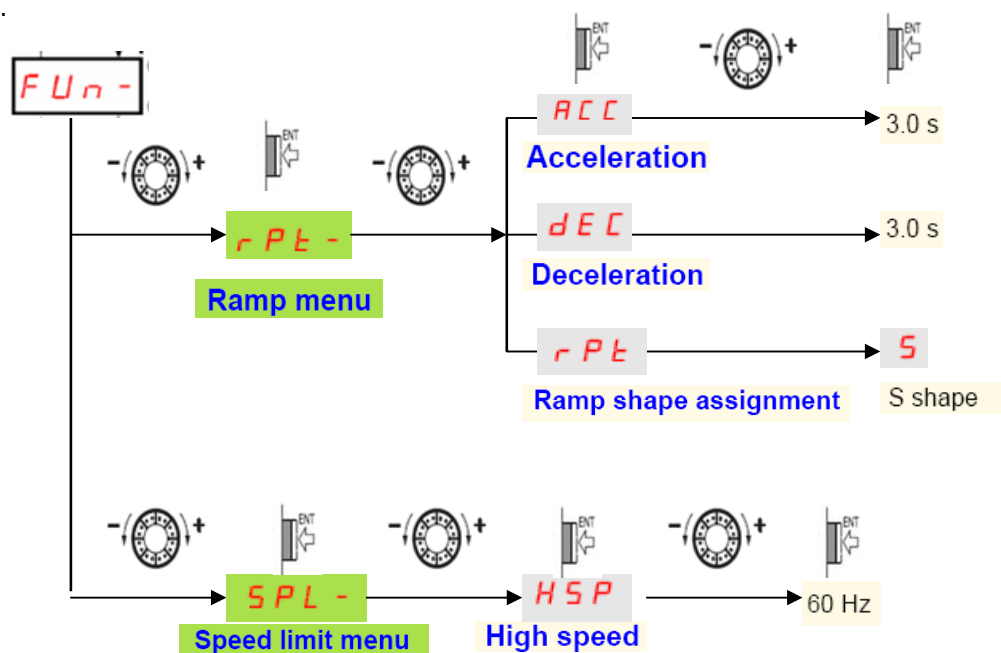
Title: Schneider Inverter ATV12 Parameters Setup		Document #: PROC. ENG-E-053	Rev: 1.2
Author: Catherine	Checked By: Yu Binhua	Date Issued: February 3, 2012	Page: 4 of 7



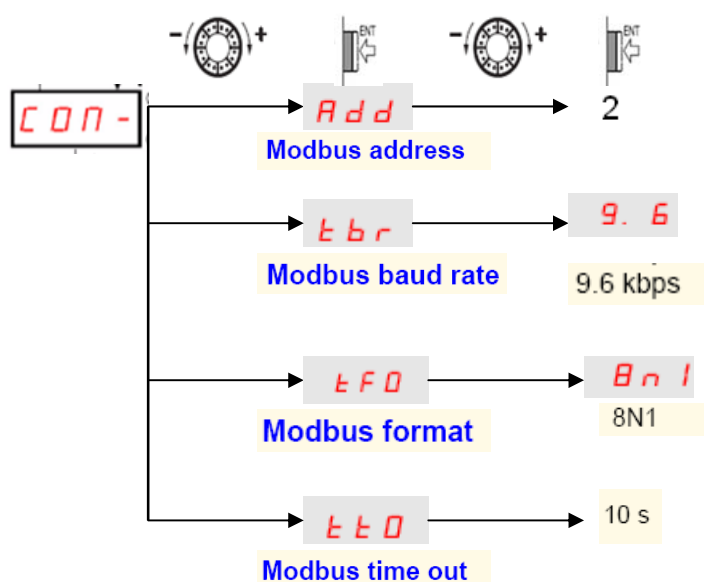
Remark: Keep 2s 'ENT' for save data

Title: Schneider Inverter ATV12 Parameters Setup		Document #: PROC. ENG-E-053	Rev: 1.2
Author: Catherine	Checked By: Yu Binhua	Date Issued: February 3, 2012	Page: 5 of 7

d.

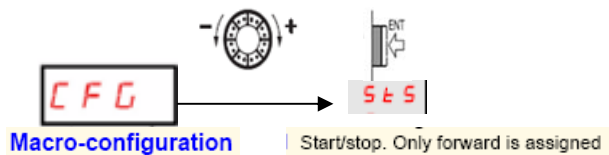


e.

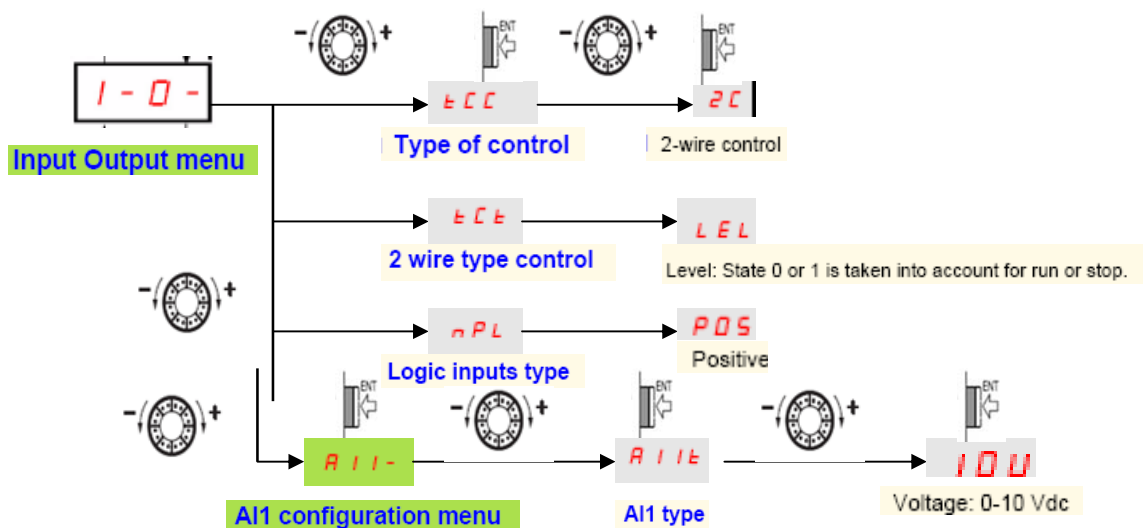


Title: Schneider Inverter ATV12 Parameters Setup		Document #: PROC. ENG-E-053	Rev: 1.2
Author: Catherine	Checked By: Yu Binhua	Date Issued: February 3, 2012	Page: 6 of 7

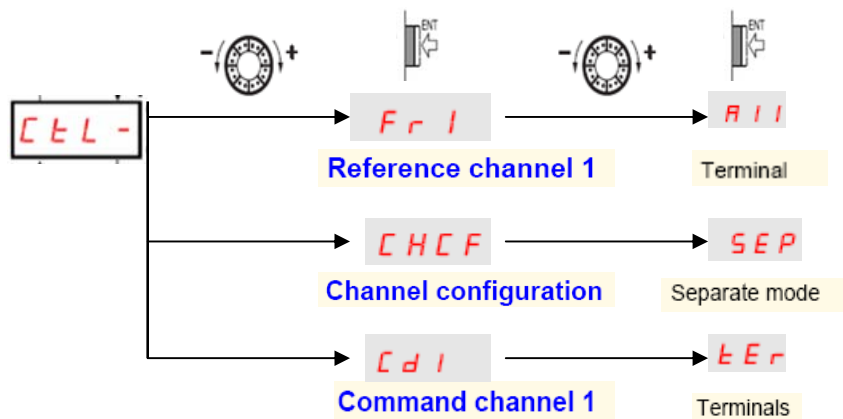
f.(Under setting for U91 only)



Remark: Keep 2s 'ENT' for save data



Remark: Keep 2s 'ENT' for save data



Remark: Keep 2s 'ENT' for save data

Title: Schneider Inverter ATV12 Parameters Setup		Document #: PROC. ENG-E-053	Rev: 1.2
Author: Catherine	Checked By: Yu Binhua	Date Issued: February 3, 2012	Page: 7 of 7

3.3.3 Parameter table

CODE	U1	U2	U3	U4	U5	U91	U6	U7	DESC
CFG	nil	nil	nil	nil	nil	StS	nil	nil	Macro-configuration
tCC	nil	nil	nil	nil	nil	2C	nil	nil	Type of control
tCt	nil	nil	nil	nil	nil	LEL	nil	nil	2 wire type control
nPL	nil	nil	nil	nil	nil	POS	nil	nil	Logic inputs type
AlIt	nil	nil	nil	nil	nil	IOU	nil	nil	AI1 type
r1	rUn	rUn	rUn	rUn	rUn	rUn	rUn	rUn	R1 assignment
bFr	50	50	50	50	50	50	50	50	Standard motor frequency
UnS	230	230	230	230	230	230	230	230	Rated motor voltage
Frs	50	50	50	50	50	50	50	50	Rated motor frequency
nCr	9	6	3.6	9	1.8	3.2	6/3.6	8	Rated motor current
Ctt	PUNP	PUNP	PUNP	PUNP	PUNP	PUNP	PUNP	PUNP	Motor control type
tFr	60	60	60	60	90	60	60	60	Maximum frequency
Fr1	Ndb	Ndb	Ndb	Ndb	Ndb	All	Ndb	Ndb	Reference channel 1
CHCF	SIN	SIN	SIN	SIN	SIN	SEP	SIN	SIN	Channel configuration
CdI	nil	nil	nil	nil	nil	tEr	nil	nil	Control menu
ACC	3	3	3	3	3	3	3	3	Acceleration
dEC	3	3	3	3	3	3	3	3	Deceleration
rPt	S	S	S	S	S	S	S	S	Ramp Shape assignment
HSP	60	60	60	60	90	60	60	60	High Speed
ADD	2	3	4	5	1	nil	7	8	Modbus address
tbr	8n1	8n1	8n1	8n1	8n1	nil	8n1	8n1	Modbus baud rate
ttO	30	30	30	30	30	nil	10	30	Modbus time out

End of upgrade.