

PARAMETER UNIT NAVIGATION



I. HOW TO CHANGE PARAMETERS:

Press **SET**. Enter a parameter number
 Press **READ**. Enter a new value. Press **WRITE**
 Wait for the completed signal from the display.

II. HOW TO READ (COPY) FROM THE DRIVE:

NOTE 1 : The parameter unit has stored 4 sets of default parameters and 1 set of working parameters. To copy a default set of parameters into the working set parameters, see item 8th of section VI.

NOTE 2 : To transfer data from one drive to another, users must, first, READ(COPY) from the first drive.

Press **SET**. Press **▲**
 Press **READ**
 Wait for the completed signal from the display.

III. HOW TO WRITE (DOWNLOAD) TO THE DRIVE:

Press **SET**. Press **▲**
 Press **WRITE**
 Wait for the completed signal from the display.



IV. DEFAULT SETTINGS FOR THE MOVFR DRIVE:

CLOSING	PARAMETER #		RANGE	DEFAULT VALUE								
	REG.	HVY.		STANDARD				WATERPROOF				
				C/P	S/O	C/P	S/O	C/P	S/O			
MAX. CLOSE SPEED	0	0	0-30	30	30	30	30	30	30	30	30	30
HOLDING TORQUE	1	11	0-30	3	3	3	3	3	3	3	3	3
HOLDING SPEED	2	12	0-400	2	2	2	2	1.5	1.5	1.5	1.5	1.5
CLOSE TORQUE	3	13	0-400	225	225	173	173	173	173	135	135	135
HIGH SPEED HSC	4	14	0-400	23	12	19	10	14	7	12	6	6
FINAL SPEED FSC	5	15	0-400	4	4	5	5	3	3	4	4	4
NUDGING SPD	6	16	0-400	8	8	9	9	5	5	6	6	6
ACCELERATION TIME	7	17	0-320	9	9	6	6	7	7	10	10	10
DECELERATION TIME	8	18	0-320	6	6	10	10	17	17	25	25	25
STALL REV. FORCE	9	19	0-2	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
OVERLOAD	99	99	0-5	3	3	3	3	3	3	3	3	3

OPENING	PARAMETER #		RANGE	DEFAULT VALUE								
	REG.	HVY.		STANDARD				WATERPROOF				
				C/P	S/O	C/P	S/O	C/P	S/O			
QUICK STOP ON REV.	21	31	0-6	2	2	2	2	2	2	2	2	2
SLOW START SSO	22	32	0-400	3	3	5	5	2	2	3	3	3
HIGH SPEED HSO	23	33	0-400	31	16	45	23	24	12	35	18	18
MEDIUM SPEED MSO	24	34	0-400	14	14	20	20	10	10	15	15	15
FINAL SPEED FSO	25	35	0-400	3	3	5	5	2	2	3	3	3
ACCELERATION TIME	26	36	0-320	6	6	4	4	6	6	6	6	6
DECELERATION TIME	27	37	0-320	6	6	10	10	9	9	10	10	10
SLOW SPD TORQUE	28	38	0-30	4	4	4	4	4	4	4	4	4
OPEN TORQUE	29	39	0-400	80	80	80	80	60	60	60	60	60

■ TO LOWER TORQUE, INCREASE TORQUE PARAMETER VALUE

OPENING AND CLOSING	PARAMETER #		RANGE	DEFAULT VALUE			
	C/P	S/O		STANDARD		WATERPROOF	
				C/P	S/O	C/P	S/O
CARRIER FREQUENCY	51		2-15	10	10	10	10

C/P = CENTER PARTING DOOR
 S/O = SIDE OPENING DOOR
 REG. = REGULAR DOOR
 HVY. = HEAVY DOOR

V. CONVENIENT KEYS:

Press **SPEED** to check the speed in Hz
 Example: Output Frequency
HSC 19Hz

Press **I/O** to check Input & Output Signals.

Inputs:

Z: (Reserved) **C:** Door Close **O:** Door Open
R: Reset **V:** Heavy Door **L:** Control Bit L
M: Control Bit M **H:** Control Bit H

Outputs:

S: Over Speed **T:** Over Torque **F:** Fault

Example: ZCORVLMH STF
010001000000

Press **FAULT** to check the recent faults.

Press **▲** or **▼** to view all the faults.

Example: Present Fault
Under Voltage

Press **V** to check the Output Voltage.

Example: Output Voltage
132.00V

Press **A** to check the Output Current.

Example: Output Current
0.78V

Press **RESET** to reset the drive.

VI. THE **VIEW** KEY:

Press the **VIEW** key will allow users to view, change, and reset to GAL default parameters.

Press **▲** or **▼** to navigate through all the items in the VIEW section.

Press **READ** to view an item. At any time, press **ESC** to get back to the previous display.

1st. **V/I/H** Displays the Output Voltage, Output Current, Command Speed, and Actual Speed.

2nd. **I/O** Displays the Input and Output Signals
ZCORVLMH STF 1= Activate 0= Deactivate
 (See the CONVENIENT KEYS in part V)

3rd. **Faults.** (See the CONVENIENT KEYS in part V)
 Press **▲** or **▼** to view all the faults.

4th **Counters.** There are 2 counters.
 Counter 1 will count up to 9,999 times.
 Counter 2 will count up to 60,000 times.
 When Counter 1 reaches 9999, Counter 2 will increase 1
 The total count will be 60,000,000 times.
 Press **▲** or **▼** to view Counter 1 or Counter 2.

5th **User List.** The user list includes all the DEFAULT SETTINGS FOR THE MOVFR DRIVE in part IV.
 Press **▲** or **▼** to view all the parameters in the user list.
 Press **WRITE** to get in a parameter in the list.

NOTE: Users can also change the value of parameters in this stage by entering a new value and press **WRITE**
 Press **ESC** to get back to the previous display.

6th. **Max. cl. Speed**
 Press **READ** to view the Maximum Closing Speed.
 Press **ESC** to get back to the previous display.

7th. **Max. cl. Force**
 Press **ESC** to view the Maximum Closing Force.
 Press **READ** to get back to the previous display.

8th. **GAL Defaults**
 Press **READ**, Press or **▲** to **▼** pick one of the four sets of parameters:

Standard C/P
Standard S/O
Waterproof C/P
Waterproof S/O

Press **WRITE** to copy the chosen set of parameters to the working set of parameters.

VII. LED INDICATORS:

There are 7 LEDs on the Parameter Unit.
 DO, DC, NUD, HLD, PRG, FLT, OVT.
 DO= Door Open DC= Door Close NUD=Nudging
 HLD= Holding PRG= Programming Mode FLT= Fault
 OVT= Over Torque
 These LEDs indicate the present status of the MOVFR

