

Pr.	Functions	Settings	Factory Setting
2-04	Reverse operation inhibit	d0: Enable reverse d1: Disable reverse d2: Disable forward	d0
2-05	ACI (4 ~ 20mA) input loss detection	d0: Decel to 0Hz d1: Stop immediately, display EF d2: Run with the last freq.	d0
2-06	Line Start Lockout	d0: Enable d1: Disable	d0

Group 3: Output Function Parameters

Pr.	Functions	Settings	Factory Setting
3-00	Desired freq. attained	d1.0 ~ d400 Hz	d1.0
3-01	Terminal count value	d0 ~ d999	d0
3-02	Preliminary count value	d0 ~ d999	d0
3-03	Multi-function (relay output)	d0: not used d1: AC drive operational d2: Max. Output Freq. Attained d3: Zero Speed d4: Over Torque d5: Base-Block (B.B.) d6: Low Voltage Detection d7: AC Drive Operation Mode d8: Fault Indication d9: Desired Freq. Attained d10: PLC Program Running d11: PLC Program Step Complete d12: PLC Program Complete d13: PLC Program Operation Pause d14: Terminal Count Value Attained d15: Preliminary Count Value Attained d16: Ready State Indicator	d8

Group 4: Input Function Parameters

Pr.	Functions	Settings	Factory setting
4-00	Potentiometer bias freq.	d0.0~d350Hz	d0.0
4-01	Potentiometer bias polarity	d0: positive bias d1: negative bias	d0
4-02	Potentiometer freq. gain	d1~d200%	d100
4-03	Potentiometer reverse motion enable	d0: not used d1: reverse motion enable d2: forward motion only	d0
4-04	Multi-function input terminal1 (M1) (d 0~d 20)	d0: not used d1: M0: FWD/STOP, M1: REV/STOP d2: M0: RUN/STOP, M1: FWD/REV d3: M0, M1, M2: 3-wire operation control mode	d1
4-05	Multi-function input terminal 2(M2)	d4: External fault, normally open (N.O.) d5: External fault, normally closed (N.C.) d6: RESET d7: multi-step speed command 1 d8: multi-step speed command 2 d9: jog operation d10: accel/decel speed inhibit d11: first or second accel/decel time selection	d6
4-06	Multi-function input terminal 3(M3) (d 0, d 4~d 20)	d12: base-block (B.B.),normally open (N.O.) d13: base-block (B.B.),normally closed (N.C.) d14: increase master freq. d15: decrease master freq. d16: run PLC program d17: pause PLC d18: counter trigger signal d19: counter reset d20: select ACI/deselect AVI	d7

Group 5: Multi-step Speed and PLC Parameters

Pr.	Functions	Settings	Factory Setting
5-00	1 st step speed freq.	d0.0 ~ d400Hz	d0.0
5-01	2 nd step speed freq.	d0.0 ~ d400Hz	d0.0
5-02	3 rd step speed freq.	d0.0 ~ d400Hz	d0.0
5-03	PLC mode	d0: Disable PLC operation d1: Execute one program cycle d2: Continuously execute program cycles d3: Execute one program cycle step by step (separate by STOP) d4: Continuously execute one program cycle step by step (separate by STOP)	d0
5-04	PLC forward/reverse motion	d0 ~ d15 (d0: Forward, d1: Reverse)	d0
5-05	Time duration step 0	d0 ~ d65500 Sec	d0
5-06	Time duration step 1	d0 ~ d65500 Sec	d0
5-07	Time duration step 2	d0 ~ d65500 Sec	d0
5-08	Time duration step 3	d0 ~ d65500 Sec	d0

Group 6: Protection Parameters

Pr.	Functions	Settings	Factory Setting
6-00	Over-Voltage Prevention Level	d0:disable d350~d410V	d390

Pr.	Functions	Settings	Factory Setting
6-01	Over-current Prevention Level	d0: disable d20~d200%	d170
6-02	Over-torque detection	d0:disable d1:enabled during constant speed operation and continues until the continuous limit is reached. d2:enabled during constant speed operation and halted after detection. d3:enabled during accel and continues before continuous output time limit is reached. d4:enabled during accel and halted after over-torque detection.	d0
6-03	Over-torque detection level	d30 ~ d200%	d150
6-04	Over-torque detection time	d0.1 ~ d10.0 Sec	d0.1
6-05	Electronic thermal overload relay	d0: Not used d1: Act with standard motor d2: Act with special motor	d0
6-06	Electronic thermal characteristic	d30~d600 Sec	d60
6-07	Present fault record	d0: No fault occurred	d0
6-08	Second most recent fault record	d1: oc (over current) d2: ov (over voltage) d3: oH (over heat) d4: oL (over load) d5: oL1 (electronic thermal) d6: EF (external fault)	d0
6-09	Third most recent fault record	d7: Reserved d8: Reserved	d0
6-10	Fourth most recent fault record	d9: ocA (current exceed during acceleration) d10: ocd (current exceed during deceleration) d11: ocn (current exceed during steady state)	d0
6-11	Fifth most recent fault record		d0
6-12	Sixth most recent fault record		d0

Group 7: Motor Parameters

Pr.	Functions	Settings	Factory Setting
7-00	Motor rated current	d30~d120 %	d85
7-01	Motor no-load current	d0 ~ d90 %	d50
7-02	Torque compensation	d0 ~ d10	d1
7-03	Slip compensation	d0.0 ~ d10.0	d0.0

Group 8: Special Parameters

Pr.	Functions	Settings	Factory Setting
8-00	DC braking voltage level	d0 ~ d30%	d0
8-01	DC braking time during start-up	d0.0 ~ d60.0 Sec	d0.0
8-02	DC braking time during stopping	d0.0 ~ d60.0 Sec	d0.0
8-03	Start-point for DC braking	d0.0 ~ d400.0 Sec	d0.0
8-04	Momentary power loss	d0: Stop operation after momentary power loss. d1: Continues after momentary power loss, speed search starts with master freq. d2: Continues after momentary power loss, speed search starts with min. output freq.	d0
8-05	Max. allowable power loss time	d0.3 ~ d5.0 Sec	d2.0
8-06	B.B. time for speed search	d0.3~d5.0 Sec	d0.5
8-07	Max. speed search current level	d30~d200%	d150
8-08	Skip freq. 1 upper bound	d0.0~d400 Hz	d0.0
8-09	Skip freq. 1 lower bound	d0.0~d400 Hz	d0.0
8-10	Skip freq. 2 upper bound	d0.0~d400 Hz	d0.0
8-11	Skip freq. 2 lower bound	d0.0~d400 Hz	d0.0
8-12	Skip freq. 3 upper bound	d0.0~d400 Hz	d0.0
8-13	Skip freq. 3 lower bound	d0.0~d400 Hz	d0.0
8-14	Auto restart after fault	d0~d10	d0
8-15	AVR function	d0: AVR function enable d1: AVR function disable d2: AVR function disable when decel	d2
8-16	Dynamic braking voltage	d350 ~ d450V	d380
8-17	DC braking lower bound limit	d0.0 ~ d400 Hz	d0.0

Group 9: Communication Parameters

Pr.	Functions	Settings	Factory Setting
9-00	Communication address	d1 ~ d247	d1
9-01	Transmission speed	d0: Baud rate 4800 d1: Baud rate 9600 d2: Baud rate 19200	d1
9-02	Transmission fault treatment	d0: Warn and continue running d1: Warn and ramp to stop d2: Warn and coasting stop d3: No warn and keep running	d0
9-03	Modbus communication watchdog timer	d0: Disable d1~d20: 1 ~ 20 Sec	d0