

Extended function mode of group A (continued)

Parameter Display	Function	Factory Set Value	Set Value
A244	2nd V/F characteristic setting 00—Constant torque 01—Variable torque 02—Sensorless vector	00	
A45	V-Gain setting	100%	
A51	Selection of DC braking operation 00—OFF, 01—ON	00	
A52	DC braking frequency setting	0.5	
A53	DC braking waiting time setting	0.0	
A54	DC braking force setting	0	
A55	DC braking time setting	0.0	
A61	Frequency upper limit setting	0.0	
A62	Frequency lower limit setting	0.0	
A63, A65, A67	Jump frequency setting	0.0	
A64, A66, A68	Jump frequency width setting	0.5	
A71	Selection of PID control 00—OFF, 01—ON	00	
A72	P (proportional) gain setting	1.0	
A73	I (integral) gain setting	1.0	
A74	D (differential) gain setting	0.0	
A75	Scale conversion of PID control setting	1.00	
A76	Feedback signal location setting 00—Current, 01—Voltage	00	
A81	Selection of AVR function 00—ON, 01—OFF, 02—OFF at deceleration	02	
A82	Selection of voltage of AVR function for the motor	230/460	
A92	Second acceleration time setting	15.0	
A292	2nd setting second acceleration time	15.0	
A93	Second deceleration time setting	15.0	
A293	2nd setting second deceleration time	15.0	

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Extended function mode of group A (continued)

Parameter Display	Function	Factory Set Value	Set Value
A94	Selection of Method to enable second acceleration/deceleration (acc2/dec2)	00	
A294	2nd setting second acceleration/ deceleration switching method	00	
A95	Acceleration switching frequency	0.0	
A295	2nd acceleration switching frequency setting	0.0	
A96	Deceleration switching frequency	0.0	
A296	2nd deceleration switching frequency setting	0.0	
A97	Pattern of acceleration setting 00—Linear, 01—S-curve	00	
A98	Pattern of deceleration setting 00—Linear, 01—S-curve	00	

Extended function mode of group B

Parameter Display	Function	Factory Set Value	Set Value
b01	Selection of restart mode 00—Alarm, 01—0.0Hz restart, 02—Motor speed match restart, 03—Motor speed match restart decel to stop	00	
b02	Allowable undervoltage power failure time setting	1.0	
b03	Retry waiting time	1.0	
b12	Electronic thermal level setting	Rated current of inverter	
b212	2nd electronic thermal level setting	Rated current of inverter	
b13	Electronic thermal characteristic selection 00—Reduced torque, 01—Constant torque	01	
b213	2nd electronic thermal characteristic setting 00—Reduced torque 01—Constant torque	01	

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Extended function mode of group B (continued)

Parameter Display	Function	Factory Set Value	Set Value
b21	Selection of overload limit operation mode— 00—NO, 01—Accel & constant speed, 02—Constant speed	01	
b22	Level of overload limit setting	Rated current times 1.25 per inverter	
b23	Rate of deceleration at overload restriction	1.0	
b31	Selection of software lock mode 00—Terminal, no change, 01—Terminal, frequency change, 02—Keypad, no change 03—Keypad, frequency change	03	
b81	Analog meter adjustment	80	
b82	Start frequency adjustment	0.5	
b83	Carrier frequency setting (kHz)	5.0	
b84	Selection data initialization or clear of trip history	00	
b85	Selection of initialized data	02	
b86	Frequency converted value setting	1.0	
b87	STOP key ON/OFF in terminal mode 00—YES, 01—NO	00	
b88	Selection of operation when FRS signal is cancelled 00—Restart at 0 Hz 01—Restart at motor speed	00	
b89	Selection of contents of remote display 01—Frequency, 02—Current, 03—Direction, 04—PID feedback, 05—Input terminal status 06—Output terminal status 07—Scaled frequency	01	
b90	Dynamic braking usage ratio setting	00	
b91	Deceleration mode selection 00—Deceleration stop 01—Free run stop	00	
b92	FAN ON/OFF selection 00—ON, 01—OFF	00	

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Extended function mode of group C

Parameter Display	Function	Factory Set Value	Set Value
C01	Function of input terminal 1 00—Forward, 01—Reverse, 02—Multispeed 1, 03—Multispeed 2, 04—Multispeed 3, 05—Multispeed 4, 06—Jog, 07—External DC Braking, 08—2nd setting selection 09—2 Stage Accel/Decel, 11—Free run mode, 12—External trip, 13—USP, 15—Software lock, 16—Analog input type, 18—Reset, 19—Thermistor Trip (for CO5 only), 27—Remote Control, Acceleration 28—Remote Control, Deceleration	00	
C02	Function of input terminal 2 (See C01)	01	
C03	Function of input terminal 3 (See C01)	16	
C04	Function of input terminal 4 (See C01)	13	
C05	Function of input terminal 5 (See C01)	09	
C06	Function of input terminal 6 (See C01)	18	
C11	Condition of input terminal 1 00—NO, 01—NC	00	
C12	Condition of input terminal 2 (See C11)	00	
C13	Condition of input terminal 3 (See C11)	00	
C14	Condition of input terminal 4 (See C11)	01	
C15	Condition of input terminal 5 (See C11)	00	
C16	Condition of input terminal 6 (See C11)	00	
C21	Function of output terminal 11 00—Run, 01—Frequency constant 02—Frequency at setpoint, 03—Overload, 04—PID deviating, 05—Alarm	01	
C22	Function of output terminal 12 (See C11)	00	
C23	Function of FM terminal 00—Analog frequency 01—Analog current 02—Digital frequency	00	

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Extended function mode of group C (continued)

Parameter Display	Function	Factory Set Value	Set Value
C31	Polarity of terminal 11 00—NO, 01—NC	00	
C32	Polarity of terminal 12 00—NO, 01—NC	00	
C33	Polarity of terminal AL 00—NO, 01—NC	01	
C41	Level of overload signal setting	Rated current of inverter	
C42	Arrival frequency setting for acceleration	0.0	
C43	Arrival frequency setting for deceleration	0.0	
C44	Level of PID deviation signal setting	3.0	
C81—C95	DO NOT CHANGE!	—	—

Extended function mode of group H

Parameter Display	Function	Factory Set Value	Set Value
H01	Auto tuning mode selection	00	
H02	Motor data selection	00	
H202	2nd motor data selection setting	00	
H03	Motor capacity selection	Varies per model	
H203	2nd motor capacity selection setting	Varies per model	
H04	Motor poles selection	4	
H204	2nd motor poles selection setting	4	
H05	Motor constant Kp setting	20	
H205	2nd motor constant Kp setting	20	

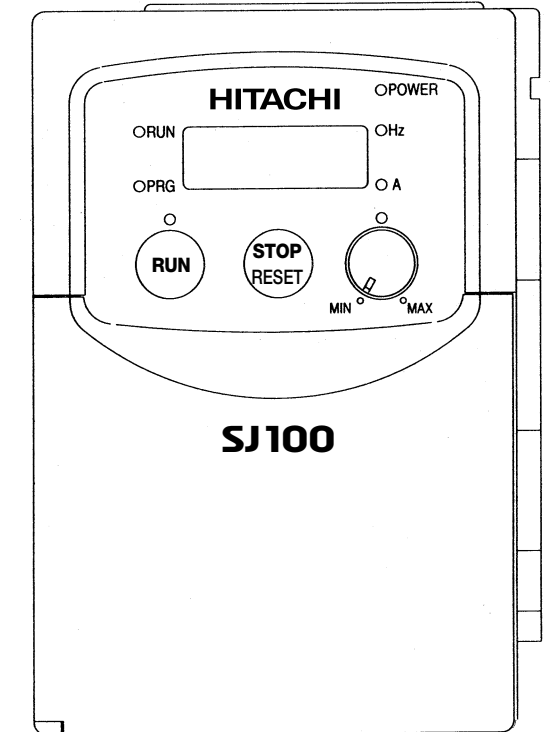
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Extended function mode of group H (continued)

Parameter Display	Function	Factory Set Value	Set Value
H06	Motor stabilization constant setting	100	
H206	2nd motor stabilization constant setting	100	
H20	Motor constant R1 setting	Varies per model	
H220	2nd motor constant R1 setting	Varies per model	
H21	Motor constant R2 setting	Varies per model	
H221	2nd motor constant R2 setting	Varies per model	
H22	Motor constant L setting	Varies per model	
H222	2nd motor constant L setting	Varies per model	
H23	Motor constant Io setting	Varies per model	
H223	2nd motor constant Io setting	Varies per model	
H24	Inertia setting	Varies per model	
H224	2nd inertia setting	Varies per model	
H30	Motor constant R1 setting	Varies per model	
H230	2nd motor constant R1 setting	Varies per model	
H31	Motor constant R2 setting	Varies per model	
H231	2nd motor constant R2 setting	Varies per model	
H32	Motor constant L setting	Varies per model	
H232	2nd motor constant L setting	Varies per model	
H33	Motor constant Io setting	Varies per model	
H233	2nd motor constant Io setting	Varies per model	
H34	Inertia setting	Varies per model	
H234	2nd inertia setting	Varies per model	

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