

TABLE 1 FACTORY SET GA800 CONFIGURED DRIVE PARAMETERS

PARAMETER	DATA	UNIT	DESCRIPTION/REMARKS
A1-02	SEE TABLE 2	N/A	CONTROL METHOD SELECTION
b1-01	SEE TABLE 4 OR 5	N/A	FREQUENCY REFERENCE SELECTION 1
b1-02	SEE TABLE 4 OR 5	N/A	RUN COMMAND SELECTION 1
b1-15	SEE TABLE 4 OR 5	N/A	FREQUENCY REFERENCE SELECTION 2
b1-16	SEE TABLE 4 OR 5	N/A	RUN COMMAND SELECTION 2
C6-01	SEE TABLE 3	N/A	DRIVE DUTY RATING
d1-01	10.0	HZ.	FREQUENCY REFERENCE 1 - SEE TABLE 4 OR 5
d1-02	20.0	HZ.	FREQUENCY REFERENCE 2 - SEE TABLE 5
E1-01	208	VOLTS	INPUT VOLTAGE SETTING FOR BASE NUMBER "D____"
	240(480)		STANDARD INPUT VOLTAGE SETTING
	600		INPUT VOLTAGE SETTING FOR BASE NUMBER "C____"
E1-05	208	VOLTS	MAXIMUM OUTPUT VOLTAGE FOR BASE NUMBER "D____"
	230(460)		STANDARD MAXIMUM OUTPUT VOLTAGE SETTING
	575		MAXIMUM OUTPUT VOLTAGE SETTING FOR BASE NUMBER "C____"
E2-01	---	AMPS	MOTOR FULL LOAD AMPS (MUST BE SET BY USER)
H1-05	SEE TABLE 4 OR 5	N/A	MULTI-FUNCTION DIGITAL INPUT TERMINAL S5 FUNCTION SELECTION
H1-06	SEE TABLE 4 OR 5	N/A	MULTI-FUNCTION DIGITAL INPUT TERMINAL S6 FUNCTION SELECTION
H3-02	SEE TABLE 4 OR 5		TERMINAL A1 FUNCTION SELECTION
H3-06	SEE TABLE 4 OR 5	N/A	TERMINAL A3 FUNCTION SELECTION
H3-09	SEE TABLE 4 OR 5	N/A	TERMINAL A2 SIGNAL LEVEL SELECTION
o2-03	1	N/A	USER INITIALIZATION FACTORY SET PARAMETER DEFAULT VALUES (FOUND IN A1-03= "1110")
o3-02	1	N/A	COPY ALLOWED SELECTION ENABLED

TABLE 2 G8C FACTORY SET DRIVE PARAMETERS

OPTION	PARAMETER
PRESENT	A1-02
NONE	2 ▪
TX	3

▪ = FACTORY 2-WIRE INITIALIZATION DEFAULT SETTING

TABLE 3 G8C FACTORY SET DRIVE PARAMETERS

GAB00 CONFIG. MODEL NO. BASE NUMBER G8C()xxxx	PARAMETER
3	1 ▪
6	0

▪ = FACTORY 2-WIRE INITIALIZATION DEFAULT SETTING

DRIVE OPERATION MODE SELECTION WITHOUT THE HAND/OFF/AUTO SELECTOR SWITCH OPTION TY

TABLE 4 G8C FACTORY SET DRIVE PARAMETERS

OPTION	PARAMETER										DRIVE SPEED REFERENCE				DRIVE RUN/STOP CONTROL		
	b1-01	b1-02	b1-15	b1-16	H1-05	H1-06	H3-02	H3-06	H3-09	DRIVE KEYPAD	0-10VDC AT TERM. A1 4-20mADC AT TERM. A2, OR 0-10VDC AT TERM. A3	SPEED POT	SERIAL COMM.	DRIVE TERMINAL S1 OR S2	DRIVE KEYPAD	SERIAL COMM.	
NONE +	1 ▪	1 ▪	0 ▪	0 ▪	3 ▪	4 ▪	0 ▪	2 ▪	2 ▪		YES			YES			
NONE	0	1 ▪	0 ▪	0 ▪	3 ▪	4 ▪	0 ▪	2 ▪	2 ▪	d1-01				YES			
NONE	1 ▪	0	0 ▪	0 ▪	3 ▪	4 ▪	0 ▪	2 ▪	2 ▪		YES				YES		
NONE	0	0	0 ▪	0 ▪	3 ▪	4 ▪	0 ▪	2 ▪	2 ▪	d1-01					YES		
TZ +	1 ▪	1 ▪	0 ▪	0 ▪	3 ▪	4 ▪	0 ▪	2 ▪	2 ▪			YES		YES			
TZ	1 ▪	0	0 ▪	0 ▪	3 ▪	4 ▪	0 ▪	2 ▪	2 ▪			YES			YES		
T3,TC,TD,TG,TH OR TQ +	3	3	0 ▪	0 ▪	3 ▪	4 ▪	0 ▪	2 ▪	2 ▪				YES			YES	
T3,TC,TD,TG,TH OR TQ	1 ▪	3	0 ▪	0 ▪	3 ▪	4 ▪	0 ▪	2 ▪	2 ▪		YES					YES	
T3,TC,TD,TG,TH OR TQ	0	3	0 ▪	0 ▪	3 ▪	4 ▪	0 ▪	2 ▪	2 ▪	d1-01						YES	
T3,TC,TD,TG,TH OR TQ	3	1 ▪	0 ▪	0 ▪	3 ▪	4 ▪	0 ▪	2 ▪	2 ▪				YES	YES			
T3,TC,TD,TG,TH OR TQ	3	0	0 ▪	0 ▪	3 ▪	4 ▪	0 ▪	2 ▪	2 ▪				YES		YES		
TZ & (T3,TC,TD,TG,TH OR TQ)	1 ▪	3	0 ▪	0 ▪	3 ▪	4 ▪	0 ▪	2 ▪	2 ▪			YES				YES	

+ = STANDARD GA800 CONFIGURED SET UP
 ▪ = FACTORY 2-WIRE INITIALIZATION DEFAULT SETTING

DRIVE OPERATION MODE SELECTION WITH THE HAND/OFF/AUTO SELECTOR SWITCH OPTION TY

TABLE 5 G8C FACTORY SET DRIVE PARAMETERS

OPTION	PARAMETER										DRIVE SPEED REFERENCE				DRIVE RUN/STOP CONTROL			
	b1-01	b1-02	b1-15	b1-16	H1-05	H1-06	H3-02	H3-06	H3-09	CONTROL BOARD SWITCH S1-2(A2)	DRIVE KEYPAD	SPEED POT	SIGNAL LEVEL AT TB1 (10) AND (11)	SERIAL COMM.	HAND/OFF/AUTO SWITCH IN THE "HAND" POSITION	RUN CONTACT AT TB1 (1) AND (2)	SERIAL COMM.	
TY +	1 ▪	1 ▪	0 ▪	0 ▪	3 ▪	4 ▪	0 ▪	F	2 ▪	I ▪	d1-02		4 TO 20mADC		YES	YES		
TY	1 ▪	1 ▪	0 ▪	0 ▪	3 ▪	4 ▪	0 ▪	F	0	V	d1-02		0 TO 10VDC		YES	YES		
TY AND TZ +	1 ▪	1 ▪	0 ▪	0 ▪	3 ▪	4 ▪	2	F	2 ▪	I ▪		YES	4 TO 20mADC		YES	YES		
TY AND TZ	1 ▪	1 ▪	0 ▪	0 ▪	3 ▪	4 ▪	2	F	0	V		YES	0 TO 10VDC		YES	YES		
TY & (T3,TC,TD,TG,TH OR TQ)	0	1 ▪	3	3	2	1	0 ▪	F	2 ▪	I ▪	d1-01			YES	YES		YES	
TY, TZ & (T3,TC,TD,TG,TH OR TQ)	1 ▪	1 ▪	3	3	2	1	0 ▪	F	2 ▪	I ▪		YES		YES	YES		YES	

+ = STANDARD GA800 CONFIGURED SET UP
 ▪ = FACTORY 2-WIRE INITIALIZATION DEFAULT SETTING



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APPROVED BY: K. FLIERL	DATE: 07/06/18	SIZE: D
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REVISIONS				
REV.	DESCRIPTION	ECO #	DRAWN BY	DATE
01	ADD T3 OPTION	13465	J. ZAGORSKI	11/19/23
00	INITIAL RELEASE	-	N. LAWS	07/02/18

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