

TABLE 1 FACTORY SET FP605 CONFIGURED DRIVE PARAMETERS

PARAMETER	DATA	UNIT	DESCRIPTION/REMARKS
A1-03	SEE TABLE 2 OR 3	N/A	INITIAIZE PARAMETERS
b1-01	SEE TABLE 2 OR 3	N/A	FREQUENCY REFERENCE SELECTION 1
b1-02	SEE TABLE 2 OR 3	N/A	RUN COMMAND SELECTION 1
b1-07	SEE TABLE 3	N/A	LOCAL/REMOTE RUN SELECTION
b1-15	SEE TABLE 2 OR 3	N/A	FREQUENCY REFERENCE SELECTION 2
b1-16	SEE TABLE 2 OR 3	N/A	RUN COMMAND SELECTION 2
d1-01	10.0	HZ.	FREQUENCY REFERENCE 1 - SEE TABLE 2 OR 3
d1-02	20.0	HZ.	FREQUENCY REFERENCE 2 - SEE TABLE 3
E1-01	208 240(480)	VOLTS	INPUT VOLTAGE SETTING FOR BASE NUMBER "D___" STANDARD INPUT VOLTAGE SETTING
E1-05	208 230(460)	VOLTS	MAXIMUM OUTPUT VOLTAGE FOR BASE NUMBER "D___" STANDARD MAXIMUM OUTPUT VOLTAGE SETTING
E2-01	---	AMPS	MOTOR FULL LOAD AMPS (MUST BE SET BY USER)
H1-05	SEE TABLE 2 OR 3	N/A	MULTI-FUNCTION DIGITAL INPUT TERMINAL S5 FUNCTION SELECTION
H1-06	SEE TABLE 2 OR 3	N/A	MULTI-FUNCTION DIGITAL INPUT TERMINAL S6 FUNCTION SELECTION
H3-02	SEE TABLE 2 OR 3	N/A	TERMINAL A1 FUNCTION SELECTION
H2-01	37	N/A	TERMINAL M1-M2 FUNCTION SELECTION = DURING FREQUENCY OUTPUT
H3-06	SEE TABLE 2 OR 3	N/A	TERMINAL A3 FUNCTION SELECTION
H3-09	SEE TABLE 2 OR 3	N/A	TERMINAL A2 SIGNAL LEVEL SELECTION
o2-03	1	N/A	USER INITIALIZATION FACTORY SET PARAMETER DEFAULT VALUES
o3-02	1	N/A	COPY ALLOWED SELECTION ENABLED

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

TABLE 2

TABLE 2 F6C FACTORY SET DRIVE PARAMETERS											DRIVE SPEED REFERENCE				DRIVE RUN/STOP CONTROL			
OPTION PRESENT	PARAMETER										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	DRIVE MOUNTED START/STOP PUSH BUTTONS	SERIAL COMM.
	A1-03	b1-01	b1-02	b1-15	b1-16	H1-05	H1-06	H3-02	H3-06	H3-09								
NONE +	2220	1 ■	1 ■	0 ■	0 ■	3 ■	4 ■	0 ■	2 ■	2 ■		YES			YES			
NONE	2220	0	1■	0 ■	0 ■	3 ■	4 ■	0 ■	2 ■	2 ■	d1-01				YES			
NONE	2220	1 ■	0	0 ■	0 ■	3 ■	4 ■	0 ■	2 ■	2 ■		YES				YES		
NONE	2220	0	0	0 ■	0 ■	3 ■	4 ■	0 ■	2 ■	2 ■	d1-01					YES		
T6 +	3330	1 ■	1 ■	0 ■	0 ■	0 ■	3 ■	0 ■	2 ■	2 ■		YES					YES	
T6	3330	0	1 ■	0 ■	0 ■	0 ■	3 ■	0 ■	2 ■	2 ■	d1-01					YES	YES	
TZ +	2220	1 ■	1 ■	0 ■	0 ■	3 ■	4 ■	0 ■	2 ■	2 ■			YES		YES			
TZ	2220	1 ■	0	0 ■	0 ■	3 ■	4 ■	0 ■	2 ■	2 ■			YES			YES		
TZ AND T6 +	3330	1 ■	1 ■	0 ■	0 ■	0 ■	3 ■	0 ■	2 ■	2 ■			YES				YES	
T3,TD,TG,TH,TJ,TL OR TQ +	2220	3	3	0 ■	0 ■	3 ■	4 ■	0 ■	2 ■	2 ■				YES				YES
T3,TD,TG,TH,TJ,TL OR TQ	2220	1 ■	3	0 ■	0 ■	3 ■	4 ■	0 ■	2 ■	2 ■		YES						YES
T3,TD,TG,TH,TJ,TL OR TQ	2220	0	3	0 ■	0 ■	3 ■	4 ■	0 ■	2 ■	2 ■	d1-01							YES
T3,TD,TG,TH,TJ,TL OR TQ	2220	3	0	0 ■	0 ■	3 ■	4 ■	0 ■	2 ■	2 ■				YES		YES		
T3,TD,TG,TH,TJ,TL OR TQ	2220	3	1 ■	0 ■	0 ■	3 ■	4 ■	0 ■	2 ■	2 ■				YES	YES			
T6 AND (T3,TD,TG,TH,TJ,TL OR TQ)	3330	3	1 ■	0 ■	0 ■	0 ■	3 ■	0 ■	2 ■	2 ■				YES			YES	
TZ AND (T3,TD,TG,TH,TJ,TL OR TQ)	2220	1 ■	3	0 ■	0 ■	3 ■	4 ■	0 ■	2 ■	2 ■			YES					YES

+ = STANDARD FP605 CONFIGURED SET UP
■ = FACTORY 2-WIRE INITIALIZATION DEFAULT SETTING

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

TABLE 3

F6C FACTORY SET DRIVE PARAMETERS													DRIVE SPEED REFERENCE				DRIVE RUN/STOP CONTROL		
OPTION PRESENT	PARAMETER											CONTROL BOARD SWITCH S1(A2)	HAND MODE	AUTO MODE		SERIAL COMM.	HAND/OFF/AUTO SWITCH IN THE "HAND" POSITION	AUTO MODE	
	A1-03	b1-01	b1-02	b1-07	b1-15	b1-16	H1-05	H1-06	H3-02	H3-06	H3-09			DRIVE KEYPAD	SPEED POT	SIGNAL LEVEL AT TB1 (4) AND (5)		RUN CONTACT AT TB1 (1) AND (2)	SERIAL COMM.
TY +	2220	1 ■	1 ■	0 ■	0 ■	0 ■	3 ■	4 ■	0 ■	F	2 ■	I ■	d1-02			4 TO 20mADC		YES	YES
TY	2220	1 ■	1 ■	0 ■	0 ■	0 ■	3 ■	4 ■	0 ■	F	0	V	d1-02			0 TO 10VDC		YES	YES
TY AND T6 +	2220	1 ■	1 ■	0 ■	0 ■	0 ■	3 ■	4 ■	0 ■	F	2 ■	I ■	d1-02			4 TO 20mADC		YES	YES
TY AND T6	2220	1 ■	1 ■	0 ■	0 ■	0 ■	3 ■	4 ■	0 ■	F	0	V	d1-02			0 TO 10VDC		YES	YES
TY AND TZ +	2220	1 ■	1 ■	0 ■	0 ■	0 ■	3 ■	4 ■	2	F	2 ■	I ■		YES		4 TO 20mADC		YES	YES
TY AND TZ	2220	1 ■	1 ■	0 ■	0 ■	0 ■	3 ■	4 ■	2	F	0	V		YES		0 TO 10VDC		YES	YES
T9 (TY & TZ) AND T6 +	2220	1 ■	1 ■	0 ■	0 ■	0 ■	3 ■	4 ■	2	F	2 ■	I ■		YES		4 TO 20mADC		YES	YES
T9 (TY & TZ) AND T6	2220	1 ■	1 ■	0 ■	0 ■	0 ■	3 ■	4 ■	2	F	0	V		YES		0 TO 10VDC		YES	YES
TY AND (T3,TD,TG,TH,TJ,TL OR TQ)	2220	3	3	1	0	1	2	1	0 ■	F	2 ■	I ■	d1-01				YES	YES	YES
T9 (TY & TZ) AND (T3,TD,TG,TH,TJ,TL OR TQ)	2220	3	3	1	1	1	2	1	0 ■	F	2 ■	I ■		YES			YES	YES	YES

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REVISIONS				
REV.	DESCRIPTION	ECO #	DRAWN BY	DATE
02	CHANGED PARAMETERS FOR TY+COMM, ADD b1-07	13916	RJJ	06/19/24
01	ADD A1-03 TO TABLE 1, ADD T9 TO TABEL 3	13762	RJJ	4/9/2024
00	INITIAL RELEASE	--	EAA	10/31/22

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