

1234567891011121314151617

TABLE 1: FACTORY SET IQPUMP605 CONFIGURED DRIVE PARAMETERS

PARAMETER	DATA	UNIT	DESCRIPTION/REMARKS
A1-03	SEE TABLE 2 OR 3	N/A	INITIALIZE 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
E1-01	208	VOLTS	INPUT VOLTAGE SETTING FOR BASE NUMBER "D ____"
	240 (480)	VOLTS	STANDARD INPUT VOLTAGE SETTING
E1-05	208	VOLTS	MAXIMUM OUTPUT VOLTAGE FOR BASE NUMBER "D ____"
	230 (460)	VOLTS	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
H2-01	37 •	N/A	TERMINAL M1-M2 FUNCTION SELECTION = DURING FREQUENCY OUTPUT
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
Y1-02	1 •	N/A	SYSTEM UNITS (WHERE 1 = POUNDS PER SQUARE INCH (PSI))
Y1-03	145.0 •	SYSTEM UNITS	FEEDBACK DEVICE SCALING (TO BE SET BY USER - BEFORE SETTING YA-01)
Y5-01	SEE TABLE 2 OR 3	N/A	HAND MODE FREQUENCY REFERENCE SELECTION
Y5-02	SEE TABLE 2 OR 3	HZ	HAND MODE FREQUENCY REFERENCE (TO BE SET BY USER)
Y5-04	SEE TABLE 2 OR 3	N/A	DRIVE KEYPAD HAND KEY ENABLE/DISABLE
YA-01	---	SYSTEM UNITS	AUTO MODE SET-POINT REFERENCE (TO BE SET BY USER - AFTER SETTING Y1-03)

• = FACTORY 2-WIRE INITIALIZATION DEFAULT SETTING

TABLE 2: DRIVE OPERATION MODE SELECTION WITHOUT THE HAND/OFF/AUTO SELECTOR SWITCH OPTION TY

Q6C FACTORY SET DRIVE PARAMETERS										AUTO MODE			HAND MODE						
OPTION PRESENT	PARAMETER									SET-POINT		FEEDBACK		DRIVE RUN COMMAND	SPEED COMMAND		DRIVE RUN COMMAND		
										DRIVE KEYPAD	OPTION CARD	TERMINAL BLOCK TB1:P, N, C DC SIGNAL			DRIVE KEYPAD	SPEED POT			
												4-20 mA	0-10 V						
NONE +	2220	0 •	0 •	C7 •	2 •	1 •	1 •	I •	YES			YES		DRIVE KEYPAD IN THE "AUTO" MODE	YES		DRIVE KEYPAD IN THE "HAND" MODE		
NONE	2220	0 •	0 •	C7 •	0	1 •	1 •	V	YES				YES		YES				
TZ +	2220	0 •	0 •	C7 •	2 •	0	1 •	I •	YES			YES				YES			
TZ	2220	0 •	0 •	C7 •	0	0	1 •	V	YES				YES			YES			
NONE	2220	0 •	1	C7 •	2 •	1 •	1 •	I •	YES			YES		DRIVE KEYPAD IN THE "AUTO" MODE AND AUTO MODE RUN/STOP CONTACT	YES				
NONE	2220	0 •	1	C7 •	0	1 •	1 •	V	YES				YES		YES				
TZ	2220	0 •	1	C7 •	2 •	0	1 •	I •	YES			YES				YES			
TZ	2220	0 •	1	C7 •	0	0	1 •	V	YES				YES			YES			
T3, TH, TJ OR TL +	2220	3	3	C7 •	2 •	1 •	1 •	I •		YES		YES		DRIVE KEYPAD IN THE "AUTO" MODE AND SERIAL COMMUNICATIONS RUN/STOP	YES		RUN WITH KEYPAD IN THE "HAND" MODE STOP WITH KEYPAD IN THE "HAND" MODE AND START PUSHBUTTON OR STOP WITH KEYPAD IN THE "OFF" MODE		
T3, TH, TJ OR TL	2220	0 •	3	C7 •	2 •	1 •	1 •	I •	YES			YES			YES				
T6	3330	0 •	1	0 •	2 •	1 •	1 •	I •	YES			YES			YES				
T6 AND TZ	3330	0 •	1	0 •	2 •	0	1 •	I •	YES			YES				YES			
T6 AND (T3, TH, TJ OR TL)	3330	3	1	0 •	2 •	1 •	1 •	I •		YES		YES		RUN WITH KEYPAD IN THE "AUTO" MODE AND START PUSHBUTTON	YES				
														STOP WITH KEYPAD IN THE "AUTO" MODE AND START PUSHBUTTON OR STOP WITH KEYPAD IN THE "OFF" MODE					

+ = STANDARD IQPUMP605 CONFIGURED SET UP
■ = INITIALIZATION DEFAULT SETTING

TABLE 3: DRIVE OPERATION MODE SELECTION WITH THE HAND/OFF/AUTO SELECTOR SWITCH OPTION TY

Q6C FACTORY SET DRIVE PARAMETERS										AUTO MODE			HAND MODE						
OPTION PRESENT	PARAMETER									SET-POINT		FEEDBACK		DRIVE RUN COMMAND	SPEED COMMAND		DRIVE RUN COMMAND		
										DRIVE KEYPAD	OPTION CARD	TERMINAL BLOCK TB1:P, N, C DC SIGNAL			DRIVE KEYPAD	SPEED POT			
												4-20 mA	0-10 V						
TY +	2220	0 •	1	C7 •	2 •	1 •	0	I •	YES			YES		HOA SWITCH IN THE "AUTO" POSITION AND AUTO MODE RUN/STOP CONTACT AT TB1:2-3	YES		HOA SWITCH IN THE "HAND" POSITION		
TY	2220	0 •	1	C7 •	0	1 •	0	V	YES				YES		YES				
T9 +	2220	0 •	1	C7 •	2 •	0	0	I •	YES			YES				YES			
T9	2220	0 •	1	C7 •	0	0	0	V	YES				YES	HOA SWITCH IN THE "HAND" POSITION AND START AND STOP PUSHBUTTONS	YES		HOA SWITCH IN THE "HAND" POSITION AND START AND STOP PUSHBUTTONS		
T6 AND TY	2220	0 •	1	C7 •	2 •	1 •	0	I •	YES			YES			YES				
T6 AND T9	2220	0 •	1	C7 •	2 •	0	0	I •	YES			YES		HOA SWITCH IN THE "AUTO" POSITION AND SERIAL COMMUNICATIONS RUN/STOP	YES		HOA SWITCH IN THE "HAND" POSITION AND START AND STOP PUSHBUTTONS		
(T3, TH, TJ OR TL) AND TY	2220	3	3	6A	2 •	1 •	0	I •		YES		YES				YES			
(T3, TH, TJ OR TL) AND T9	2220	3	3	6A	2 •	0	0	I •			YES	YES			YES				
(T3, TH, TJ OR TL) AND T6 AND TY	2220	3	3	6A	2 •	1 •	0	I •			YES	YES			YES				
(T3, TH, TJ OR TL) AND T6 AND T9	2220	3	3	6A	2 •	0	0	I •			YES	YES				YES			

+ = STANDARD IQPUMP605 CONFIGURED SET UP
■ = FACTORY 2-WIRE INITIALIZATION DEFAULT SETTING

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REVISIONS

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00	INITIAL RELEASE	--	JZ	10/01/25

Prepared by josh zagorski 11/18/2025 10:01:11 AM

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DRIVE PARAMETERS IQPUMP605 CONFIGURED

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