

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

TABLE 1 FACTORY SET P1000 CONFIGURED DRIVE PARAMETERS

| PARAMETER | DATA | UNIT | DESCRIPTION/REMARKS |
|-----------|------------------|-------|---|
| 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 |
| b1-15 | 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 | 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 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 |
| 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 (FOUND IN A1-03= "1110") |
| o3-02 | 1 | N/A | COPY ALLOWED SELECTION ENABLED |

TABLE 2 P1C FACTORY SET DRIVE PARAMETERS

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

+ = STANDARD P1000 CONFIGURED SET UP
 = FACTORY 2-WIRE INITIALIZATION DEFAULT SETTING

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

TABLE 3 P1C FACTORY SET DRIVE PARAMETERS

| OPTION | PARAMETER | | | | | | | | | | CONTROL BOARD SWITCH S1(A2) | DRIVE REFERENCE | | | | | | | | | |
|-----------------------------|-----------|---|-------|---|-------|---|-------|---|-------|---|-----------------------------|-----------------|---|-------|---|-------|-----|-----|-----|-----|-----|
| | b1-01 | | b1-02 | | b1-15 | | b1-16 | | H1-05 | | | H3-02 | | H3-06 | | H3-09 | | | | | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | | 1 | 2 | 1 | 2 | 1 | 2 | | | | |
| PRESENT | 1 | 2 | 1 | 2 | 0 | 0 | 3 | 4 | 0 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | YES | YES | YES | YES | YES |
| TY + | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 4 | 0 | 0 | F | 2 | 2 | 2 | 2 | 2 | YES | YES | YES | YES | YES |
| TY | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 4 | 0 | 0 | F | 0 | 0 | 0 | 0 | 0 | YES | YES | YES | YES | YES |
| TY AND TZ + | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 4 | 0 | 0 | F | 2 | 2 | 2 | 2 | 2 | YES | YES | YES | YES | YES |
| | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 4 | 0 | 0 | F | 0 | 0 | 0 | 0 | 0 | YES | YES | YES | YES | YES |
| TY AND TZ | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 4 | 0 | 0 | F | 0 | 0 | 0 | 0 | 0 | YES | YES | YES | YES | YES |
| | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 4 | 0 | 0 | F | 0 | 0 | 0 | 0 | 0 | YES | YES | YES | YES | YES |
| TY AND (TD,TG,TH OR TQ) | 0 | 1 | 3 | 3 | 2 | 1 | 0 | 0 | F | 2 | 2 | 2 | 2 | 2 | 2 | 2 | YES | YES | YES | YES | YES |
| TY, TZ AND (TD,TG,TH OR TQ) | 1 | 1 | 3 | 3 | 2 | 1 | 0 | 0 | F | 2 | 2 | 2 | 2 | 2 | 2 | 2 | YES | YES | YES | YES | YES |

+ = STANDARD P1000 CONFIGURED SET UP
 = FACTORY 2-WIRE INITIALIZATION DEFAULT SETTING



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| REV. | DESCRIPTION | ECO # | DRAWN BY | DATE |
|------|-----------------|-------|----------|---------|
| 00 | INITIAL RELEASE | - | KM | 3/19/12 |

| DRAWN BY: | CHECKER: | DATE: | TITLE: |
|------------|-------------|---------|---|
| K. MALUSIC | D.R. CMELAK | 3/19/12 | DRIVE PARAMETERS P1000 CONFIGURED TYPE 1 & 12 |
| APPROVER: | TECH: | DATE: | DATE: |
| J. ZUEHLKE | S. PETERSON | 3/19/12 | 3/19/12 |

| REV. | DESCRIPTION | ECO # | DRAWN BY | DATE |
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