

6-Step Software 0 - 30 HP Units Part Number: GPD 505V-XXXXDB

The below information is to be used with the GPD 505 units supplied with the 6-step software. This software allows the user to increase the number of selectable preset speeds.

Multi-Step Speed Selection

Set **n001** = 616 Get into advanced parameters
 Set **n002** = 1 External Speed Ref. / Run Ref. from Keypad
 Set **n035** = 0 Sets Terminal S2 to Reverse Run
 Set **n036** = 12 Sets Terminal S3 to Alternate Acceleration Ramp **

** To use alternate acceleration ramp during speed references #4, 5 & 6, jumper terminal S5 to S3 and set **n036** = 12.

n019 = Accel Time 1
n020 = Decel Time 1
n021 = Accel Time 2
n022 = Decel Time 2

Set **n037** = 9 Sets Terminal S4 for Multi-function Speed Ref.
 Set **n038** = 10 Sets Terminal S5 for Multi-function Speed Ref.
 Set **n039** = 28 Sets Terminal S6 for Multi-function Speed Ref.

Speed Ref #	Terminal S5	Terminal S4	Terminal S6	Parameter
1	0	0	0	n025
2	0	1	0	n026
3	0	0	1	n117
4	1	0	0	n027
5	1	1	0	n028
6	1	—	1	n118

1 = Closed
0 = Open

Notes

- (1) If this feature is used with UP/DOWN REF, Modbus Self Test or PID " **OPE3** " will occur.
- (2) Can not set Speed Ref. #1 below Minimum Speed level.

CHANGE RECORD				
1	STD-7697 3/23/98			

DWG. NO. 02Y00025-0436
SHEET NO. 1 OF 1
REL. 02/17/97 (m-df)