

ALPHA-NUMERIC OPERATOR MODEL DS410

Before installing this option, a **TECHNICALLY QUALIFIED INDIVIDUAL**, who is familiar with this type of equipment and hazards involved, should **READ** this **ENTIRE INSTRUCTION SHEET**.

INTRODUCTION

When installed, this option simplifies the operation and programming of the GPD 503 drive by providing a great deal of parameter information beyond the functionality of the standard operator.

OPERATION

The DS410 Alpha-Numeric Operator was designed as a form, fit and function upgrade to the standard LED keypad. The same key strokes have been retained to simplify the conversion process for any operating personnel who have already become accustomed to the previous model. The Alpha-Numeric Operator can be used with the standard software, the PID software, or the HVAC software.

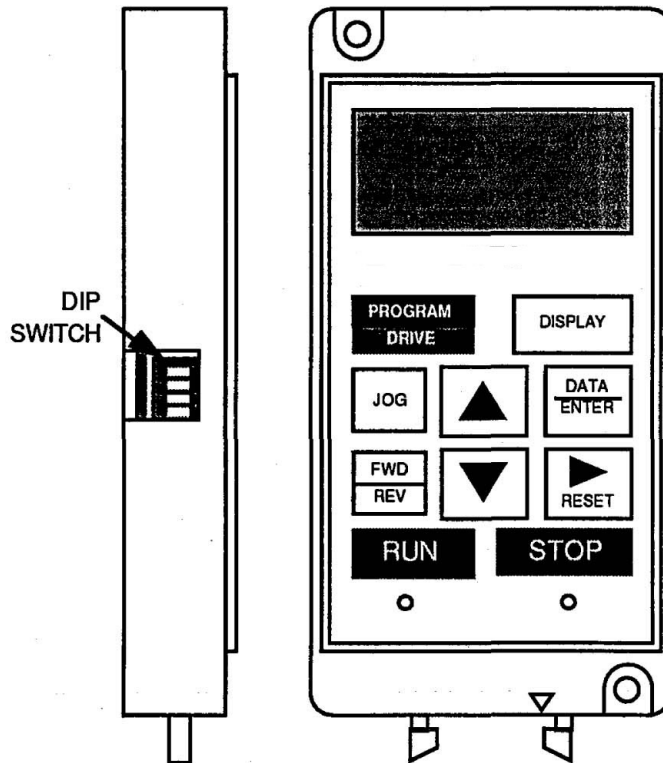


Figure 1. Alpha-Numeric Operator

CHANGE RECORD			
1	STD-625	11/2/95	
		RRR	

DWG. NO. 02Y00025-0392
SHEET NO. 1 OF 2
EFF. 2/23/95 (m-df)

ORIGINAL

INSTALLATION

1. Disconnect all electrical power to Drive.
2. Remove Drive front cover. Check that "CHARGE" indicator lamp inside Drive is off.
3. Verify voltage has been disconnected by using a voltmeter to check for voltage at incoming power terminals (L1, L2, L3).

WARNING

Hazardous voltage can cause severe injury or death. Lock all power sources feeding Drive In "OFF" position.

4. Disconnect the ribbon cable, remove two mounting screws and remove the standard JVOP-100 digital operator.
5. Install the Alpha-Numeric Operator using the screws from the JVOP-100 , and reconnect the ribbon cable.
6. Select the software version on the Alpha-Numeric Operator by setting the DIP switch (see Figure 1) in accordance with Table 1.

Table 1. Software Compatibility & Settings

Software	EPROM Part Numbers	DIP Selector Switches			
		1	2	3	4
Standard	97SA1520-0011 & 97SA1521-0011	0	0	0	1
PID	97SA1570-0011 & 97SA1571-0011	0	0	1	0
HVAC	97SA1610-0011 & 97SA1611-0011	0	0	1	0
HVAC - 575V	97SA2070-0011 & 97SA2071-0011	0	0	1	0

1 = ON, 0 = Off

7. Replace drive front cover.

This completes installation of the Alpha-Numeric Operator.