http://www.delta.com.tw/industrialautomation/

20071112

5011666101-K201

KPE-LE02 *Digital Keypad for VFD-E Series*

Instruction Sheet

- Please thoroughly read this instruction sheet before installation and putting it into use.
- The content of this instruction sheet and the driver file may be revised without prior notice. Please consult our distributors or download the most updated instruction version at http://www.delta.com.tw/industrialautomation.

❶ Description of the Digital Keypad

A Status Display
Displays the drive's actual status.

B LED Display
Indicates frequency, voltage, current, user defined units, etc.

C Potentiometer
Please set the right parameters for master Frequency setting.

D RUN Key
Please set the right parameters to start AC drive operation.

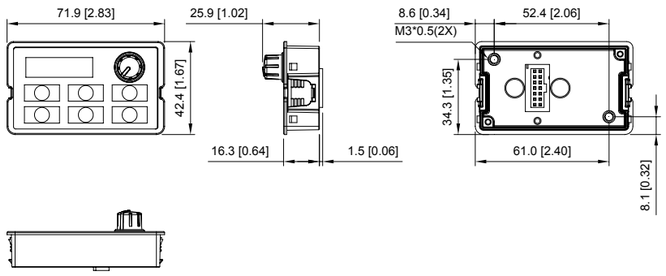
E UP and DOWN Key
To set the parameter number and to change numerical data and parameter values. With the right parameter setting also to be used to change the master frequency

F MODE
To switch between different display modes.

G STOP/RESET
Please set the right parameters to stop AC drive operation and to reset the drive after a fault occurred.

H ENTER
Used to enter/modify programming parameters

❷ Dimensions in mm [inch]



❸ Display Messages

Display Message	Descriptions
F60.0	Displays the AC drive Master Frequency.
H50.0	Displays the actual output frequency at terminals U/T1, V/T2, and W/T3.
U180	User defined unit (where U = F x Pr.00.05)
A 5.0	Displays the output current at terminals U/T1, V/T2, and W/T3.
Frd	Displays the AC motor drive forward run status.
rEv	Displays the AC motor drive reverse run status.
c 20	The counter value (C).
06.00	Displays the selected parameter.
10	Displays the actual stored value of the selected parameter.
EF	External Fault.
End	Displays "End" for approximately 1 second if input has been accepted by pressing ENTER key. After a parameter value has been set, the new value is automatically stored in memory. To modify an entry, use the ▲ and ▼ keys.
Err	Displays "Err", if the input is invalid.

❹ How to Operate the Digital Keypad

Setting Mode

START: F60.0 ⇒ H 0.0 ⇒ A 0.0 ⇒ U60.0 ⇒ Frd ⇒ PLC0 (MODE) — GO START

NOTE: In the selected mode, press ENTER to set the parameters.

Setting parameters

01 ⇒ 01.02 ⇒ 400.0 ⇒ End (Success to set parameter.) or Err (Input data error)

NOTE: In the parameter setting mode, you can press ENTER to the selected mode.

To change data

START: F60.0 ⇒ F59.9 ⇒ F60.0

Setting direction (When operation source is digital keypad)

Frd ⇒ rEv ⇒ Frd

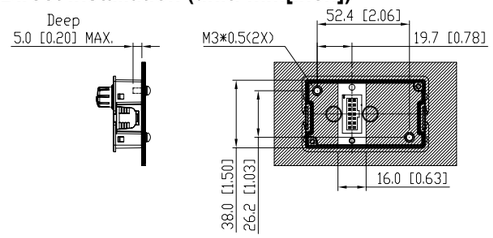
Setting PLC Mode

PLC0 ⇒ PLC1 ⇒ PLC2 ⇒ End ⇒ PLC2 (PLC2 mode active)

⇒ End ⇒ PLC1 (PLC1 mode active)

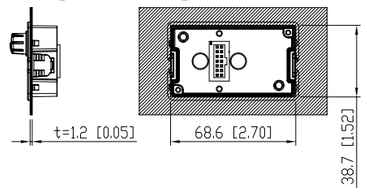
❺ Installation

Method 1. Direct installation (unit: mm[inch])

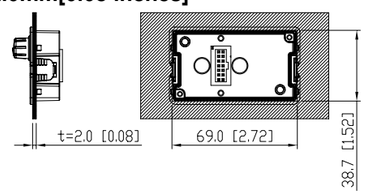


Method 2. Mounting by the plate thickness (unit: mm[inch])

A. Thickness=1.2mm[0.05 inches]



B. Thickness=2.0mm[0.08 inches]



http://www.delta.com.tw/industrialautomation/

KPE-LE02 *VFD-E 系列之數位操作器*

說明書

- 請詳細閱讀下列說明後才使用本產品，以確保使用安全。
- 由於產品精益求精，當內容規格有所修正時，請洽詢代理商或至台達網站 (http://www.delta.com.tw/industrialautomation)下載最新版本。

❶ 鍵盤面板外觀

A 狀態顯示區
分別可顯示驅動器的運轉狀態運轉、停止、寸動、正轉、反轉等

B 主顯示區
可顯示頻率、電流、電壓、轉向、使用者定義單位、異常等

C 頻率設定旋鈕
可設定此旋鈕作爲主頻率輸入

D 運轉鍵
可令驅動器執行運轉

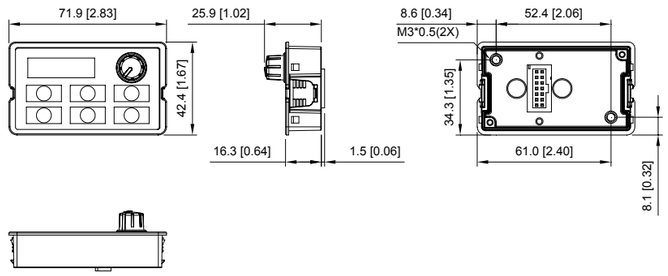
E 數值變更鍵
設定值及參數變更使用

F 顯示畫面選擇鍵
按此鍵顯示項目逐次變更以供選擇

G 停止/重置鍵
可令驅動器停止運轉及異常重置

H 參數資料設定鍵
用以讀取修改驅動器的各項參數設定

❷ 鍵盤面板鍵盤面板尺寸



❸ 功能顯示項目說明

顯示項目	說明
F60.0	顯示驅動器目前的設定頻率
H50.0	顯示驅動器實際輸出到馬達的頻率
U180	顯示用戶定義之物理量 (U = F x 00-05)
A 5.0	顯示負載電流
Frd	正轉命令
rEv	反轉命令
c 20	顯示計數值
06.00	顯示參數項目
10	顯示參數內容值
EF	外部異常顯示
End	若由顯示區讀到 End 的訊息(如左圖所示)大約一秒鐘，表示資料已被接受並自動存入內部存貯器
Err	若設定的資料不被接受或數值超出時即會顯示