

OPERATION INTERFACE PANEL -TP04G & TP02G



TP04G



TP02G

www.deltaww.com/plc

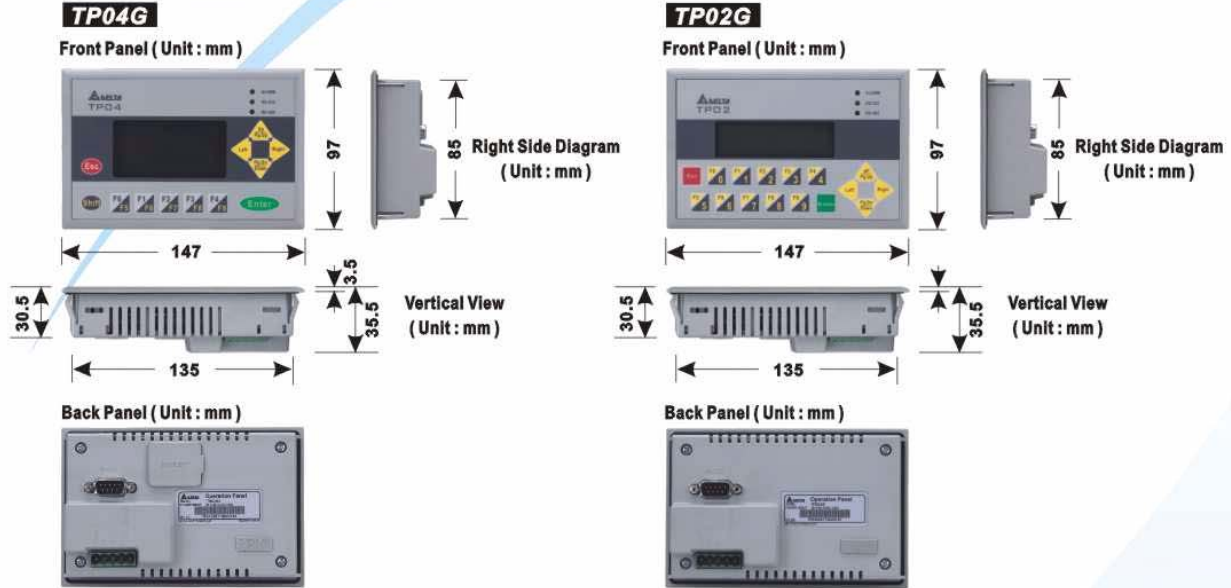
Features

- Built-in RS232 and RS485 ports. The TP04G may be used alone or linked to multiple units.
- Built-in RTC with perpetual calendar (Not for TP02G).
- Auto power off LED display for energy savings.
- Three available languages (Traditional Chinese, Simplified Chinese and English, factory setting is English) User can define other language.
- Numerous built in software functions, value input/display options, meter, text and graphic options, plus 12 function keys.
- Password function available to lock out unwanted program changes.
- NEMA 4 front face with metal brackets on back to hold unit firmly in place on any control panel door.
- LCD display with back light.
- Optional memory card for copying programs from one HMI to another HMI quickly.

Editor

The TP04G and TP02G use a Microsoft Windows based software programming tool, named TPEdit. The TPEdit software has numerous built in functions and tools to build detailed on screen graphics. An offering few companies will do, the TPEdit software may be downloaded from the internet at the following location : <http://www.delta.com.tw/products/plc/software.htm>

Dimensions



Specifications

ITEM	MODEL	TP04G-AS1	TP02G-AS1
Display Screen	Screen	STN-LCD	STN-LCD
	Color	Monochromatic	Monochromatic
	Back-light	The Back-light automatic turn off time is 1~99 minutes (0 : not to turn off) (back-light life is about 50 thousand hours at 25°)	The Back-light automatic turn off time is 1~99 minutes (0 : not to turn off) (back-light life is about 50 thousand hours at 25°)
	Resolution	128 X 64 dots	160 X 32 dots
	Display Range	67mm (W) X 32mm (H)	72mm (W) X 22mm (H)
	Contrast Adjustment	10-step contrast adjustment	15-step contrast adjustment
	Language Font	ASCII : characters (Including European Fonts) Taiwan : (BIG 5 code) traditional Chinese character font China : (GB2324-80 code) simplified Chinese character font	ASCII : characters (Including European Fonts) Taiwan : (BIG 5 code) traditional Chinese character font China : (GB2324-80 code) simplified Chinese character font
	Font Size (ASCII)	ASCII : 5 X8 , 8X8 , 8X12 , 8X16	ASCII : 5 X8 , 8X8 , 8X12 , 8X16
	ALARM Indication LED (RED)	Power ON indication, communication error, and special user defined indication	Power ON indication, communication error, and special user defined indication
	RS-232 Indication LED (Yellow)	Flashes during communication of RS-232	Flashes during communication of RS-232
RS-485 Indication LED (Green)	Flashes during communication of RS-485	Flashes during communication of RS-485	
Program Memory		256KB flash memory	256KB flash memory
External Interface	Serial Communication (COM1)	Unsynchronized transmission method : RS-232 Data length : 7 or 8 bits Stop bits : 1 or 2 bits Parity : None / Odd / Even Transmission speed : 9600bps~38.4kbps	Unsynchronized transmission method : RS-232 Data length : 7 or 8 bits Stop bits : 1 or 2 bits Parity : None / Odd / Even Transmission speed : 9600bps~38.4kbps
	Extension Communication port (COM2)	Unsynchronized transmission method : RS-485 Data length : 7 or 8 bits Stop bits : 1 or 2 bits Parity : None / Odd / Even Transmission speed : 9600bps~38.4kbps	Unsynchronized transmission method : RS-485 Data length : 7 or 8 bits Stop bits : 1 or 2 bits Parity : None / Odd / Even Transmission speed : 9600bps~38.4kbps
	Extension Port	① Update program version ② Optional memory card port for copying programs	Optional memory card port for copying programs
Battery Cover		DC 3V battery for HMI	—
5-Pin Removable Terminal block		24Vdc input power and RS485 connection	24Vdc input power and RS485 connection



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