

- Accuracy :  $\pm 0.1\%$  F.S.  $\pm 1$  digit (DC / Potentiometer / Resistor / PT-100 / Load Cell)  
 $\pm 0.2\%$  F.S.  $\pm 1$  digit (AC)
- Measuring AC, DC Voltage / AC, DC Current / Potentiometer / Resistor / PT-100 / Load Cell)
- High brightness 0.4" LED display range: -9999~9999; decimal point selectable
- Surge test of AC 2000V / min between input / output / power
- High stability, non-flammable case (PC), high safety



## SPECIFICATION

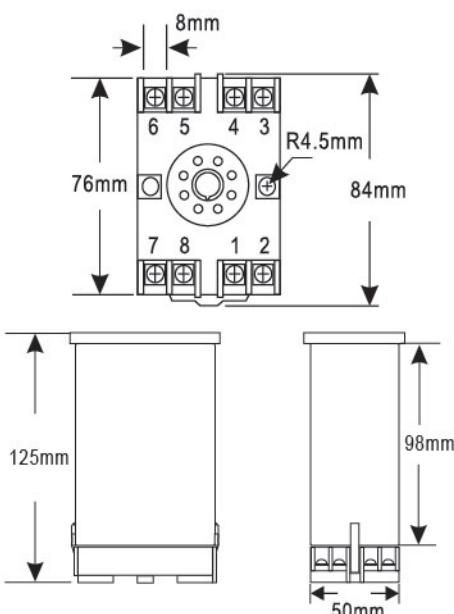
- |                             |                                                                                                                            |                            |                                                                                                                                                                 |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ◆ Accuracy:                 | $\pm 0.1\%$ F.S. $\pm 1$ digit (DC / Potentiometer / Resistor / PT-100 / Load Cell)<br>$\pm 0.2\%$ F.S. $\pm 1$ digit (AC) | ◆ Output Capability:       | Voltage Output: $<20\text{mA}$<br>Current Output: $<10\text{V}$                                                                                                 |
| ◆ Display Screen:           | High brightness red LED; 10.16 mm(0.4")                                                                                    | ◆ Communication:           | RS-485 Modbus RTU mode                                                                                                                                          |
| ◆ Sampling Time:            | 60 cycles / sec                                                                                                            | ◆ Baud Rate:               | 19200 / 9600 / 4800 / 2400 bps                                                                                                                                  |
| ◆ Display Range:            | -9999~9999                                                                                                                 | ◆ Temperature Coefficient: | 100ppm/°C (0~60°C)                                                                                                                                              |
| ◆ Zero Adjustment:          | -9999~9999                                                                                                                 | ◆ Operating Temperature:   | 0~60°C                                                                                                                                                          |
| ◆ Over Range Indication:    | doFL / ioFL or -doFL / -ioFL                                                                                               | ◆ Operating Humidity:      | 20~90% RH (non-condensing)                                                                                                                                      |
| ◆ Polarity Indication:      | Automatic with "-" indication                                                                                              | ◆ Storage Temperature:     | -10~70°C                                                                                                                                                        |
| ◆ Parameters Setting:       | Push buttons                                                                                                               | ◆ Storage Humidity:        | 20~90% RH (non-condensing)                                                                                                                                      |
| ◆ Back Up Memory:           | EEPROM                                                                                                                     | ◆ Power Supply:            | AC/DC 100~240V; DC 9~30V                                                                                                                                        |
| ◆ Alarm Action:             | " $\geq$ (Hi) on" or "< (Lo) on"                                                                                           | ◆ Power Consumption:       | 6.5VA                                                                                                                                                           |
| ◆ Alarm Run Delay Time:     | 0~9999                                                                                                                     | ◆ Surge Test:              | 2 KVac / 1min (Input / Power)                                                                                                                                   |
| ◆ Relay Contact:            | AC 277V / 7A; DC 30V / 7A                                                                                                  | ◆ Input Impedence:         | Voltage: $>2\text{V}$ for $20\text{K}\Omega/\text{V}$ ; $\leq 2\text{V}$ for $>200\text{M}\Omega$<br>Current: $\geq 0.2\text{A}$ at 100mV; $<0.2\text{A}$ at 1V |
| ◆ Analog Output Resolution: | 15 bit                                                                                                                     | ◆ Installation:            | Socket / Plug in                                                                                                                                                |
| ◆ Output Response Time:     | $<250\text{msec}$ (0~90%)                                                                                                  |                            |                                                                                                                                                                 |

## ORDER INFORMATION

E4TA4 - Code1 Code2 - Code3 - Code4

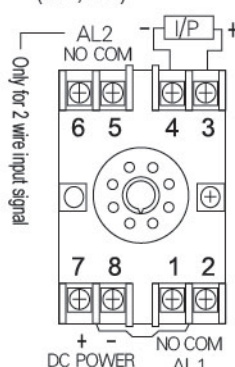
| Code1 | Input Type       | Code2 | Voltage | Code2 | Temp. (PT-100) | Code3 | Aux. Power    | Code4 | Output                                 |
|-------|------------------|-------|---------|-------|----------------|-------|---------------|-------|----------------------------------------|
| D     | DC               | V1    | 0-50mV  | T1    | -50~50°C       | A     | AC/DC100-240V | R1    | 1 Relay                                |
| T     | PT-100           | V2    | 0-5V    | T2    | -100~100°C     |       |               | V     | 0-10V                                  |
| 2     | 2, 3 Wire Sensor | V3    | 1-5V    | T3    | -100~200°C     |       |               | A     | 4-20mA                                 |
| 4     | 4 Wire Sensor    | V4    | 0-10V   | T4    | 0-600°C        |       |               | Y     | RS485                                  |
|       |                  |       |         | TO    | Option         |       |               | R2    | 2 Relay (Only for 2 wire input signal) |

## DIMENSION

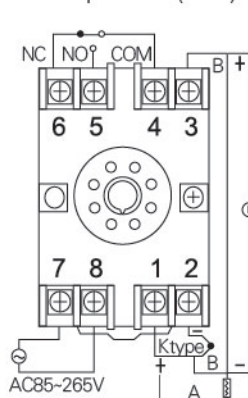


## WIRING CONNECTION

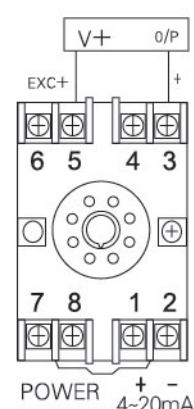
### ● Voltage, Current (AC, DC)



### ● Temperature (RTD)



### ● 2 Wire Sensor



### ● 3 Wire Sensor

