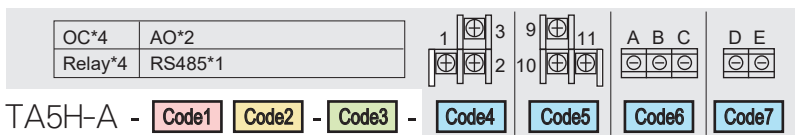


- Accuracy: $\pm 0.1\%$ F.S. ± 1 digit (DC / Potentiometer / Resistor / PT-100 / Load Cell)
 $\pm 0.2\%$ F.S. ± 1 digit (AC).
- Measuring AC, DC Voltage / AC, DC Current / Potentiometer / Resistor / PT-100 / Load Cell).
- High brightness 0.4" LED display range: -19999~99999; decimal point selectable.
- Surge test of AC 2000V / min between input / output / power.
- High stability, non-flammable case (PC), high safety.
- 4 alarm or O.C. / Analog output (15 bit resolution) / RS-485 communication optional (6 select 4).

SPECIFICATION

- ◆ Accuracy: $\pm 0.1\%$ F.S. ± 1 digit (DC / Potentiometer / Resistor / PT-100 / Load Cell)
 $\pm 0.2\%$ F.S. ± 1 digit (AC)
- ◆ Display Screen: High brightness red LED; 10.16mm(0.4")
- ◆ Sampling Time: 100 cycles / sec
- ◆ Display Range: -19999~99999
- ◆ Zero Adjustment: -19999~99999
- ◆ Over Range Indication: doFL / ioFL or -doFL / -ioFL
- ◆ Polarity Indication: Automatic with "-" indication
- ◆ Parameters Setting: Push buttons
- ◆ Back Up Memory: EEPROM
- ◆ Alarm Action: "≥(Hi) on" or "<(Lo) on"
- ◆ Alarm Run Delay Time: 0~9999
- ◆ Relay Contact: AC 277V / 7A; DC 30V / 7A
- ◆ Analog Output Resolution: 15 bit
- ◆ Output Response Time: <250 msec (0~90%)
- ◆ Output Capability: Voltage Output: <10V
Current Output: <20mA
- ◆ Communication: RS-485 Modbus RTU mode
- ◆ Baud Rate: 19200 / 9600 / 4800 / 2400 bps
- ◆ Temperature Coefficient: 100ppm / °C (0~60°C)
- ◆ Operating Temperature: 0~60°C
- ◆ Operating Humidity: 20~90% RH (non-condensing)
- ◆ Storage Temperature: -10~70°C
- ◆ Storage Humidity: 20~90% RH (non-condensing)
- ◆ Power Supply: AC/DC 100~240V; DC 22~50V
- ◆ Power Consumption: 8.5VA (all functions output)
- ◆ Surge Test: 1.5KVac / 1min (Input / Power)
- ◆ Input Impedance: Voltage: >2V for 20KΩ / V; ≤2V for >200MΩ
Current: ≥0.2A at 100mV; <0.2A at 1V
- ◆ Installation: Socket / Plug in

ORDER INFORMATION

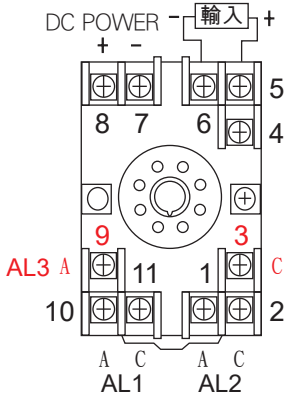


Code1	Input Type	Code3	Aux. Power	Code4	O/P1	Code5	O/P2	Code6	O/P3	Code7	O/P4
D	DC	A	AC/DC100-240V	A	4-20mA	A	4-20mA	A	4-20mA	A	4-20mA
A	AC AVG	C	DC 22-50 V	V	0-10V	V	0-10V	V	0-10V	V	0-10V
M	AC TRMS			R	Relay	R	Relay	R	Relay	R	Relay
P	3 Wire Potentiometer			Y	RS-485	Y	RS-485	Y	RS-485	Y	RS-485
I	2 Wire Resistor			O	O.C.	O	O.C.	O	O.C.	O	O.C.
L	Load Cell			AO	Option	AO	Option	AO	Option	AO	Option
2	2, 3 Wire Sensor			VO	Option	VO	Option	VO	Option	VO	Option
4	4 Wire Sensor			N	None	N	None	N	None	N	None

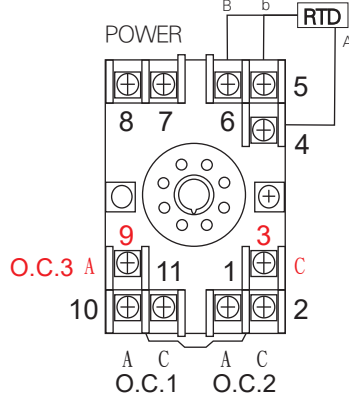
Code2	Voltage	Current	Potentiometer	Resistor	Load Cell
V1	0-50mV	A1 0-20uA	P1 500Ω~10KΩ	I1 0-10Ω	L1 1mV/V EX.5V
V2	0-5V	A2 0-200uA	P2 10KΩ~100KΩ	I2 0-100Ω	L2 2mV/V EX.5V
V3	1-5V	A3 0-2mA	P3 100KΩ~1MΩ	I3 0-1KΩ	L3 3mV/V EX.5V
V4	0-10V	A4 0-20mA	PO Option	I4 0-10KΩ	
V5	0-36V	A5 0-200mA		I5 0-100KΩ	
V6	0-300V	A6 4-20mA		IO Option	
V7	0-600V	A7 0-2A			
VO	Option	A8 0-5A			
		A9 0-10A			
		AO Option			

WIRING CONNECTION ****For reference only, please refer to the actual wiring sticker****

● Voltage, Current (AC, DC)

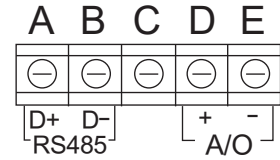
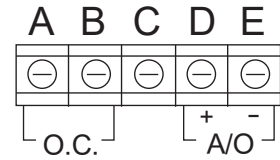
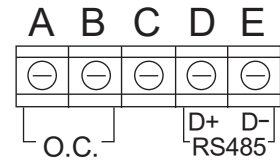
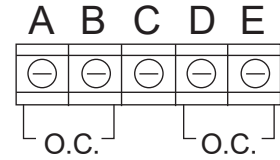
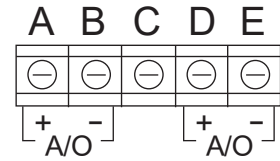


● Temperature (RTD)

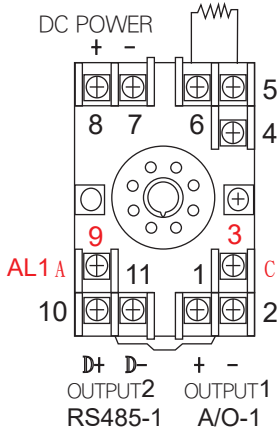


2 relays, limit.

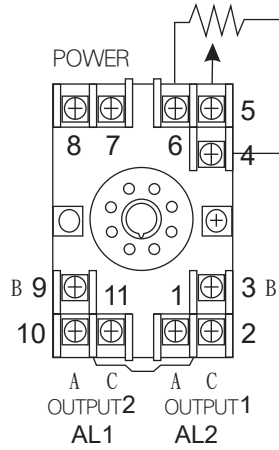
● Front Terminal



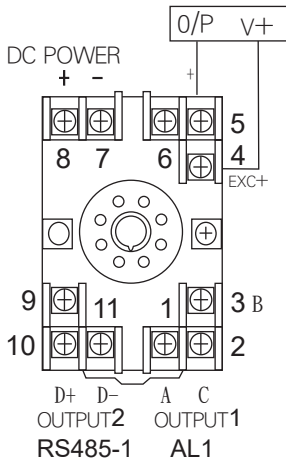
● K type/ 2 Wire Resistor



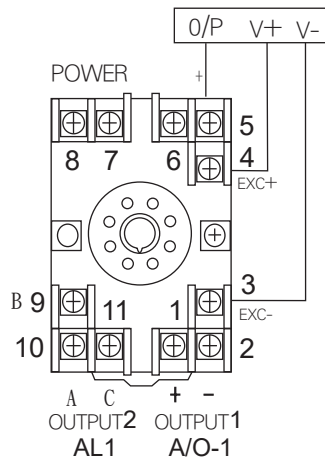
● 3 Wire Potentiometer



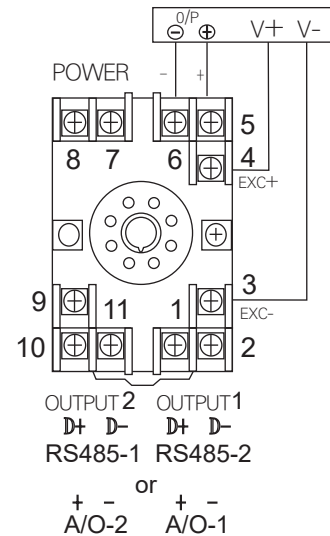
● 2 Wire Sensor



● 3 Wire Sensor

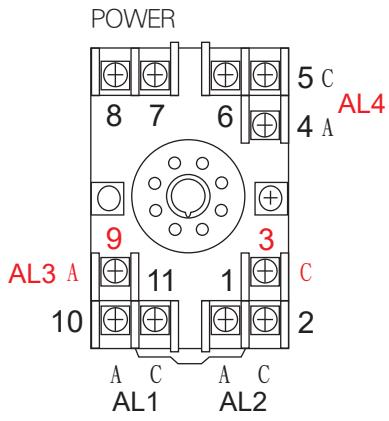


● 4 Wire Sensor or Load cell



WIRING CONNECTION (Multi-output pin position abnormality)

● Power. Relay



● Front Terminal

