

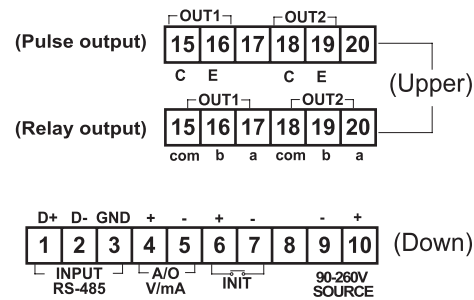
- Analog output accuracy  $\pm 0.05\%$  F.S.
- Readout range from -19999~99999 digit.
- DC4~20.000mA/ 0~20.000mA/ 0~10.000V.
- Modbus RTU mode for RS-485 protocol.
- Two relay output function(optional).
- 16 bit DAC analog output function(optional).
- Dimension small and high stability.



**SPECIFICATION**

- ◆ Analog output accuracy :  $\pm 0.05\%$  F.S.
- ◆ Readout range : -19999~99999 digit (RS-485)  
DC0~10.000V(Voltage)  
DC4~20.000mA/0~20.000mA(current)
- ◆ Analog output range : DC0~10V/4~20mA/  
0~20mA(can be modified)
- ◆ Analog output resolution : 16 bit DAC
- ◆ Analog output slope : 0.125~1024mA/sec.(current output)  
0.0625~512V/sec.(voltage output)
- ◆ Output drive capability : < 10mA for voltage mode  
< 10V for current mode
- ◆ Relay contact output : AC 250V-2.5A, DC 30V-5A
- ◆ Pulse output type : Photo couple of open-collector  
(Max.DC30V/40mA)
- ◆ Relay response time : < 6ms(Relay on time)  
< 4ms(Relay off time)
- ◆ RS-485 address : "01"~"FF"(0~255)
- ◆ RS-485 baud rate : 19200/9600/4800/2400 selective
- ◆ RS-485 protocol : Modbus RTU mode(250 nodes on bus)
- ◆ Temp. coefficient : 50ppm/ $^{\circ}$ C (0~50 $^{\circ}$ C)(Analog output)
- ◆ Display : Red high efficiency LEDs high  
10.16mm(0.4")
- ◆ Parameter setting : Touch switches
- ◆ Memory mode : Non-volatile E<sup>2</sup> PROM memory
- ◆ Dielectric strength : 1.5KVac/1 min. (input/output/power)  
1600 Vdc (input/power)
- ◆ Operating condition : 0~50 $^{\circ}$ C (20 to 90% RH non-condensed)
- ◆ Storage condition : 0~70 $^{\circ}$ C (20 to 90% RH non-condensed)

**WIRING CONNECTION**



**Note:When INIT=One-short ON(>100ms)**  
 1:A/O DC4~20mA=4mA  
 2:A/O DC0~20mA=0mA  
 3:A/O DC0~10V=0V  
 4:RS-485 is address=00,baud rate=9600,no checksum

**ORDER INFORMATION**

DC5X-RS-

NO	Relay output	NO	Analog output	NO	Aux. Power
N	None	N	None	C	AC/DC18~60V
R2	Relay(Two)	V	DC0~10V	A	AC/DC90~260V
P2	Pulse(Two)	A	DC4~20mA/0~20mA		•Less 1.5VA for AC/DC input

**DIMENSION**

