SLIM TYPE MULTI-FUNCTION RS-485 CONTROLLER METER RELAY

MODEL SMRSR

CE

■ FEATURES

- Analog output accuracy±0.05% F.S.
- Readout range from -19999~99999 digit
- Calibrator analog output for DC4~20.000mA/0~20.000mA/0~10.000V)
- Modbus RTU mode for RS-485 protocal
- Two relay output function (optional)
- 16 bit DAC analog output function (optional)
- Dimension small & High stability

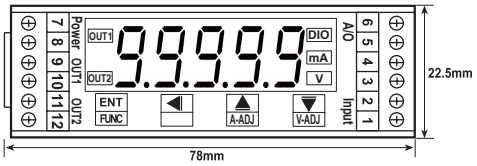
1.MODEL:SMRSR-□ □ □

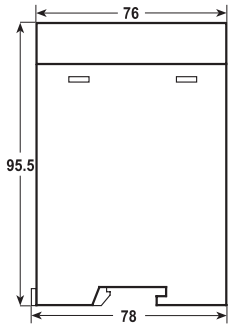
NO	Relay output	NO	Analog output	NO	Aux.Power
N	None	N	None	A	AC/DC18~60V
R	Relay(Two)	Y	DC0~10V	B	AC/DC90~260V
P	Pulse(Two)		DC4~20mA/0~20mA	•Less 1.5VA for AC/DC input	

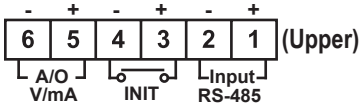
2.SPECIFICATION

•Analog output accuracy (23±5℃)	:±0.05% F.S.
•Readout range	:-19999~99999 digit (RS-485) DC0~10.000V(Voltage) DC4~20.000mA/DC0~20.000mA(Current)
•Analog output range	:DC0~10V/DC4~20mA/DC0~20mA (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	:AC250V-2.5A,DC30V-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	:"00"~"FF"(0~255)
•RS-485 baud rate	:19200/9600/4800/2400 selective
•RS-485 protocol	:Modbus RTU mode(256 nodes on bus)
•Temp. coefficient	:50ppm/℃(0~50℃)(Analog output)
•Display	:Red high efficiency LEDs high 6.8mm(0.268")
•Parameter setting	:Touch switches
•Memory mode	:Non-volatile E²PROM memory
•Dielectric strength	:1.5KVac/1 min.(input/output/power) 1200Vdc(input/output)
•Operating condition	:0~50℃(20 to 90% RH non-condensed)
•Storage condition	:0~70℃(20 to 90% RH non-condensed)
•CE EMC Certification	:EN 55022:1998/A1:2000 Class A EN 61000-3-2:2000 EN 61000-3-3:1995/A1:2001 EN55024:1998/A1:2001

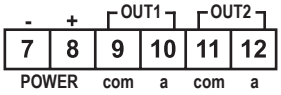
3.OUTSIDE DIMENSION(unit=mm) AND CONNECTION DIAGRAM



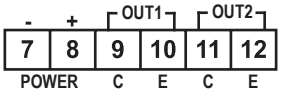




(Relay output)



(Pulse output)



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