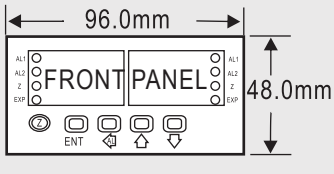
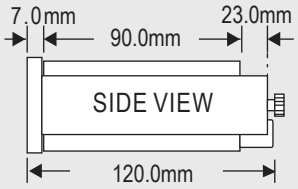
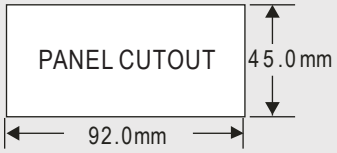
DCbox

5 DIGIT DUAL INPUT & SCREEN MICRO-PROCESS METER with 1-2 ALARMS/ RS-485

DC5H-D







- Accuracy: ±0.1% F.S. ±1 digit (DC); ±0.2% F.S. ±1 digit (AC)
- Measuring AC, DC Voltage / AC, DC Current individually
- High brightness 0.4" LED display range: -19999~99999; decimal point selectable
- Reset / 1~2 Alarms (Hi or Lo) programmable / Analog output (15 bit resolution) or RS-485 communication optional
- High stability, non-flammable case (PC), high safety
- CE approval

SPECIFICATION

♦ Accuracy:	±0.1% F.S. ±1 digit (DC) ±0.2% F.S. ±1 digit (AC)
♦ Display Screen:	High brightness red LED; 10.16mm(0.4")
♦ Sampling Cycle:	16 cycles / sec (AVG=1)
♦ 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:	0~99 sec
♦ Alarm Hysteresis Range:	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: <20mA Current Output: <10V
♦ Communication:	RS-485 Modbus RTU mode
♦ Baud Rate:	38400 / 19200 / 9600 / 4800 bps
♦ Parity Check:	n.8.2. / n.8.1. / odd / even
♦ Temperature Coefficient:	100ppm / ℃ (0~60℃)
♦ Operating Temperature:	0~60℃
♦ Operating Humidity:	20~90% RH (non-condensing)
♦ Storage Temperature:	-10~70℃
♦ Storage Humidity:	20~90% RH (non-condensing)
♦ Power Supply:	AC/DC 100~240V; DC 22~60V
♦ Power Consumption:	8.5VA (all functions output)
♦ Surge Test:	2KVac / 1min (Input / Power)
♦ Input Impendence:	Voltage: >2V for 20KΩ / V; ≦2V for >200MΩ Current: ≧0.2A at 100mV; <0.2A at 1V
♦ Dimensions:	96(W)*48(H)*110(D) mm
♦ Weight:	About 500 g

ORDER INFORMATION

DC5H-D- [Code 1] - [Code 2] [Code 3] - [Code 4] [Code 5] [Code 6] [Code 7]

Code 1	Input Type
D	DC
A	AC AVG
M	AC TRMS

Code 2	I/P 1
1	0~50mV
2	0~10V
3	0~300V
4	0~20mA
5	4~20mA
6	0~2A
7	0~5A
O	Option

Code 3	I/P 2
1	0~50mV
2	0~10V
3	0~300V
4	0~20mA
5	4~20mA
6	0~2A
7	0~5A
O	Option

Code 4	Aux. Power
A	AC/DC 100~240V
B	DC 12V
C	DC 22~60V
D	DC 30~90V

Code 5	I/P 1 Alarm
N	None
1	1 Relay
2	2 Relays
3	1 Open Collect
4	2 Open Collect

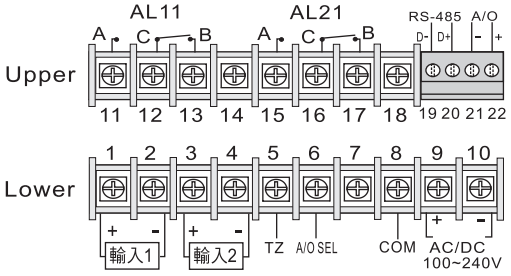
Code 6	I/P 2 Alarm
N	None
1	1 Relay
2	2 Relays
3	1 Open Collect
4	2 Open Collect

Code 7	Output
N	None
Y	RS-485
A	4~20 mA
V	0~10V
O	Option

**1:3 Relay type only offers A(NornalOpen) output. O.C. (Open Collect) offers NPN of C.E . output.

WIRING CONNECTION

● 2 Alarms Output



● 4 Alarms Output