

## CR06 100mm 6 Channel Strip Chart Recorder

Low Price, Short Depth, Universal Input



### FEATURES

- 6 Channel Dot Printing
- Large LED display; 18mm/0.71" High
- Universal Input
- Short Depth: 150mm/5.9"
- DIN Panel Cutout 138 x 138mm
- IP65/Nema 4
- RS232 Standard, 485 Modbus optional
- CE

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**Southeast Thermal Systems**

Industrial Automation  
Process Heating Solutions  
Heating Elements, Systems, Controls & Sensors

## SPECIFICATIONS

### Input

Number of input: 6

Input sampling: 10s/6ch, max

Type of input: Direct voltage: -10mV to +10mV, 0-20mV, 0-50mV, -200mV to +200mV, -1VDC to +1VDC, 0-5VDC

Direct current: 4-20mA

Thermocouple: K, T, J, E, B, S, R, G, C, N, PR40-20, PLII, L, Au-Fe

RTD: Pt100, Pt50, JPt100

### Performance

Accuracy: +/- 0.2% +/-1 digit max.

Digital indicator and printing

Noise reduction: NMRR: 60dB min. CMRR: 140dB min.

Isolation resistance: Each terminals/ground: 500VDC, 20M min

Dielectric strength: Power input terminal/ground: 1.5kVAC, 1 minute

Input terminal/ground: 0.5kVAC, 1 minute

### Alarm Relays

Nos. of relay outputs: 6 outputs

(Form A contacts; Built-in option)

Capacity: 30VDC 3A Max. Loaded

### Communication

Standard RS-232C

Optional RS-485 Modbus RTU

### Power Supply

Rated power voltage: 100-240VAC (50/60Hz)

Power consumption: 25VA max.

### Enclosure

Mounting/housing: Panel mounting/Front panel: IP-65/Nema 4

Dimension:

144(W) x 144(H) x 150(D) mm

5.67(W) x 5.67(H) x 5.90(D) inches

Weight: 1.5kg max.

### Operation Condition

Operating conditions:

Temperature: 0-50C; Humidity: 20-80%RH

### Recording / Printing Performance

Recording: Dot Matrix printing

Printing: Dotting with 6 color ribbon

Dot print interval: 10.0s/6ch max.

Chart paper: Length: 16m x 100mm Wide

Chart speed: User-selective from 28 speeds; 10-1500mm/hr

Printing color: Purple, Red, Green, Blue, Brown and Black.

# HYBRID RECORDER

## ORDERING CODE

C R 0 6  
1 2 3

### 1) Communication [Modbus RTU]

0 = RS 232C Standard

1 = RS 485 Optional

### 2) DI/DO (digital input/output)

0 = none

1 = 6 relay output

2 = 3 DI

3 = 3 DI + 6 relay output

### 3) Out-of-paper sensor

0 = none

1 = yes

Note: Out-of-paper option requires relay output option in Matrix box #2, either code 1 or 3.

## Accessories

### Item Part number

Chart paper: HZCGA0105EL001

[16M Z-Fold paper 6-pack]

Ribbon cassette: WPSR188A000001A

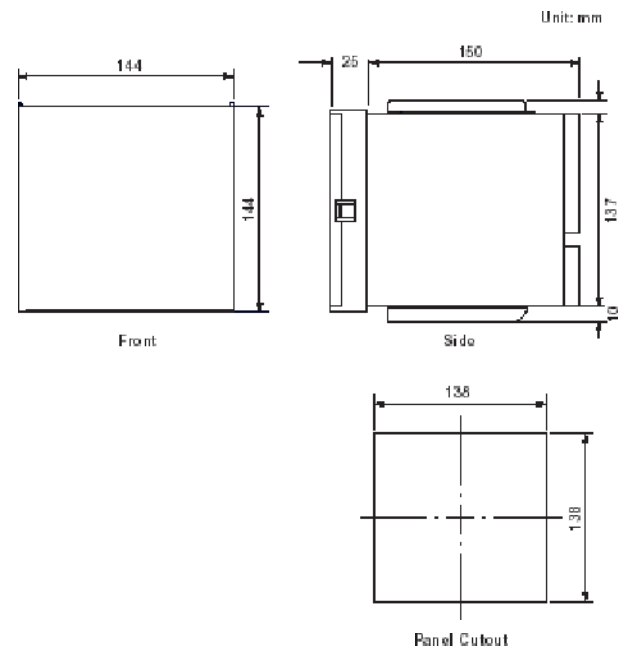
[6 color; Purple, Red, Green, Blue, Brown, Black]

RS 485 Module: 910063655A02

6 Relay Output Card: 910063655A01

CR06 Manual: Instruction Manual

The DI nor Out-of-Paper Sensor can be field installed.



144mm = 5.67"

150mm = 5.90"

137mm = 5.39"

10mm = 0.39"

25mm = 0.98"

138mm = 5.43"