



DCCO2 - 1Z Wall mount type+Zigbee
DCCO2 - 2Z Wire type+Zigbee

- Improve air quality by 2 sets of relay to activate fans or air conditioner.
- RS485 Output to connect with human-machine interface or computer for data storage.
- Remote CO2 concentration and Temp. Humi. alarm by meter setting.
- Compatible with large display.
- Compatible with DCPD wireless Zigbee
- Can be used in such places: hospital, library, commercial building.. any indoor places.

SPECIFICATION

Measuring range: CO2 0~5000ppm (Option : 0~9999ppm)
Temp. -30.0~100.0°C
Humi. 0~100%

Display: CO2 4 digit 0.39" red LED
Temp./Humi. 3 digit 0.3" green LED

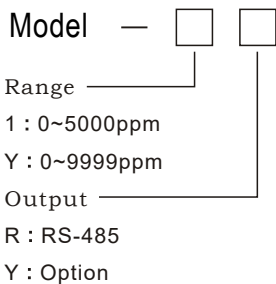
Sensor: CO2 NDIR Infrared sensor
Temp./Humi. Digital Sensor

Accuracy: CO2 ±75ppm or 5% of measured value
Temp. ±0.5°C
Humi. ±3%

Response time: CO2 1~10 sec.
Temp./Humi. 1 sec.

Operating environment: 0~+50°C / Below 80%RH.
Storage environment: -20~+60°C / Below 80%RH.
Power environment: DC 24V
Dimention: 116(W)×175(H)×32(D)mm

ORDER INFORMATION



RELAY OUTPUT

Control system: Microcomputer
Setting range: Free setting
Relay capacity: AC 250V , 5A resistive load
DC 30V, 5A resistive load

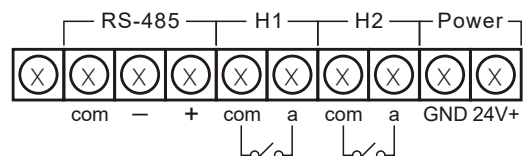
RS485 INTERFACE

Address : 1~FF(16 Hex)
Baudrate : 9600, 19.2K, 38.4K, 57.6K, 115.2K
Frame : N.8.2, E.8.1, O.8.1, N.8.1
Protocol : Modbus RTU mode

ANALOG OUTPUT

Output: DC 4~20mA×2
DC 0~10V×2
Accuracy: ±0.2%

WIRING CONNECTION



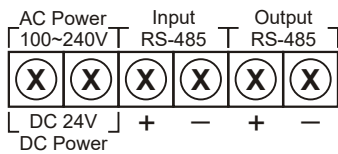


DCPD-1Z Wireless type

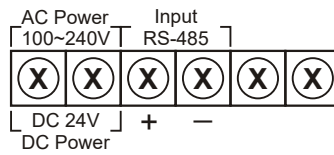
- Input : RS-485
- Output : RS-485 (Modbus RTU mode)
- Display : CO2 2.3"(5.8cm) red LED
- °C. % 1.5"(3.8cm) red LED
- Size : 375mm(W)×200mm(H)×60mm(D)

WIRING CONNECTION

Type A



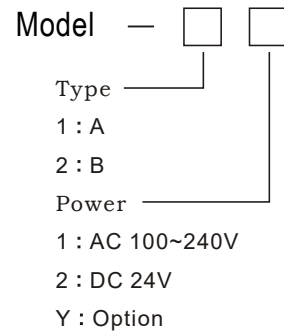
Type B



Type A : initiative type
 preset:
 Address : 01
 Baudrate : 38400
 Frame : N.8.1

Type B : passive type
 PC ask for data from a large display

ORDER INFORMATION



Address	Word	Item(description)	Code	Unit	Sign	Range
0000H	1	CO2	03/06H	1ppm	Unsign	0~9999
0001H	1	Temperature	03/06H	0.1°C	sign	-199~999
0002H	1	Humidity	03/06H	0.1%RH	Unsign	0~999