.....1
.....1
.....3
3.1 .....3
3.2 .....4
3.3 .....5
.....5
4.1 .....5
4.2 .....6
4.2.1 .....6
4.2.2 .....7
4.2.3 pt ct Id .....8
4.2.4 bps .....8
4.2.5 nEt .....8
4.2.6 rst .....8
4.2.7 .....8
.....9
.....10
.....17D0Tc0

YD2200

YD2200

RS485

( ) ( )

96 ± 0.5mm×96 ± 0.5mm×61 ± 0.5mm

92 ± 0.5mm×92 ± 0.5mm

65 ± 0.5mm×22 ± 0.5mm×49 ± 0.5mm

LCD

3 4 ( ) 3 3 ( ),

1 3 ,

**( )**

30~600V( ) 20~400V( )

PT 1~10000

≤0.25(220V) ≤0.60VA(600V)

800V

**( )**

0~6A

5mA

CT 1~50000

0.2VA

YD2200

10A

100A/1s

0~2400W/var/VA

0~7200W/var/VA

50/60Hz

-1~1

THD 3~19

THD 3~19

AC250V/5A DC30V/5A

AC85V~265V or DC85V~330V

AC20V~60V/ DC20V~60V ≤5VA

0.5%(0.5~6A)

0.5%(20~400V)

1.0%(50~600V)

1.0%

0.5%

0.1%(50/60Hz)

1.0%(0.5L/0.5C)

/ / / 2.0kV/min · 2mA

YD2200

4kV,2.5kHz I/O 2kV, 5kHz

6kV 8kV

RS-485

1~247

1200/2400/4800/9600/19200

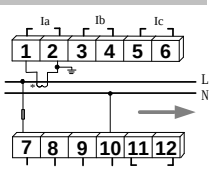
8bits

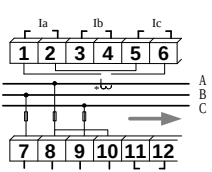
1bits

Modbus RTU

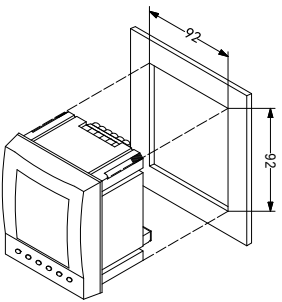
## 3.1

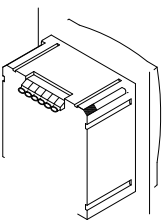
/



3.2 mm ±0.5



## 3.3

1

2 CT CT

3 2.5 $^2$

1.5 $^2$ RS-485 1.0 $^2$

## 4.1

| I |
|---|
| U F |
| PQS |
| PF |
| Max H |
| E |

“ I ”

“ U F ”

“P Q S”

“PF”

“E”

“Max H” THD

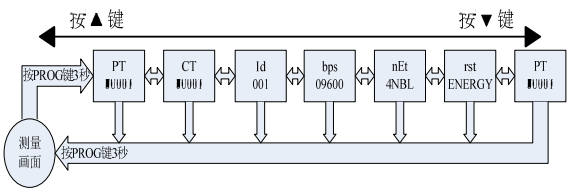
“Max H”

YD2200

“ PROG ” 3

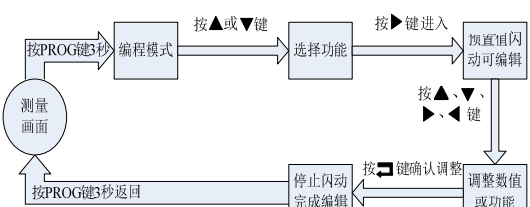
“ PROG ” 3

“ ▲ ” “ ▼ ” “ pt ct Id bps nEt rst ”




| | |
|---|---|
| pt | “ 1 ” |
| ct | “ 1 ” |
| Id | “ 1 ” |
| bps | “ 9600 ” |
| nEt | “ 4NBL ” |
| rst | “ 0 ” |

**4.2.2**



### 4.2.3 pt ct Id

pt “ ▶ ” pt “ ▶ ”

…… “ ▲ ” “ ▼ ”

“ ↵ ”

### 4.2.4 bps

bps “ ▶ ” bps “ ▲ ”

“ ▼ ” 1200



M4

4

| | |
|---|---|
| YM-485 | 1 |
| YM-K2 | 2DI+2DO 1 2<br>2 DI DO<br>5A×250V DO 29<br>3 |
| YM-E2 | 1 1<br>6 0.1~10000kWh kvarh /<br>1A×100V 1 |
| YM-A20 | DC4~20mA<br>29<br>2 |

YM-K2 YD2200 RS485
ModBus-RTU

## 6.1

65 ± 0.5mm×22 ± 0.5mm×49 ± 0.5mm
60g
2 6
<1s YM-K2
5~255 ms

2 6
<1s
250V 5A
1
-10~ 50
-25~ 75
20~95
-

YD2200

0

InPulesCount

YD2200 YD2200

YM-K2

DO

DI/DO bit8~13 DO1~6 1

0

YD2200 0

255

1~33 3 I1

YD2200 DO1

DO2 YD2200 “ ◀ ”

U1 110V 2s, DO2 3s

U1 120V 0s, D2 DO2 1

1100 2 1200 0

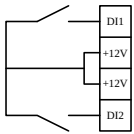
3

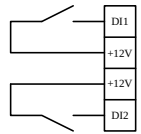
## 6.3






YD2200




+12V

## 6.4

/ 16

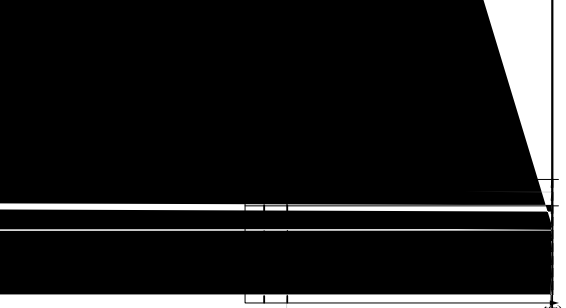
| | | | / | |
|---|---|---|---|---|
| 20 | DI/DO | Word | | 1<br>0 |

16

| | | | | / | |
|---|---|---|---|---|---|
| 306 | | | Word | / | 5~255 ms |
| 760 | DI1 | 1# | Long | | 40 |
| 762 | DI2 | | Long | | |
| 764 | DI3 | 2# | Long | | |
| 766 | DI4 | | Long | | |
| 768 | DI5 | 3# | Long | | |
| 76A | DI6 | | Long | | |

| | | | | |
|---|---|---|---|---|
| | | | / | |
| DO1 | 1# | | | |
| 311 | | Word | / | 0~0x21 0xff |
| 312 | | Word | / | 0:<br>0xff: |
| 313 | | Word | / | 1:U1 |
| 314 | | Word | / | 2:U12 |
| 315 | | Word | / | 3:I1 |
| 316 | | Word | / | 4:- |
| DO2 | 1# | | | 5:P1 |
| 317 | | Word | / | 6:PF1 |
| 318 | | Word | / | 7:Q1 |
| 319 | | Word | / | 8:S1 |
| 31A | | Word | / | 9:U2 |
| 31B | | Word | / | A:U23 |
| 31C | | Word | / | B:I2 |
| DO3 | 2# | | | C:- |
| 31D | | Word | / | D:P2 |
| 31E | | Word | / | E:PF1 |
| 31F | | Word | / | F:Q2 |
| 320 | | Word | / | |

| | | | | |
|---|---|---|---|---|
| DO4 | 2# | | | 13:I3 |
| 323 | | Word | / | 14:- |
| 324 | | Word | / | 15:P3 |
| 325 | | Word | / | 16:PF3 |
| 326 | | Word | / | 17:Q3 |
| 327 | | Word | / | 18:S3 |
| 328 | | Word | / | 19:U |
| DO5 | 3# | | | 1A:UL |
| 329 | | Word | / | 1B:I |
| 32A | | Word | / | 1C:F |
| 32B | | Word | / | 1D:P |
| 32C | | Word | / | 1E:PF |
| 32D | | Word | / | 1F:Q |
| 32E | | Word | / | 20:S |
| DO6 | 3# | | | 21:MIN(p1,p2,p3) |
| 32F | | Word | / | |
| 330 | | Word | / | |
| 331 | | Word | / | |
| 332 | | Word | / | |
| 333 | | Word | / | |
| 334 | | Word | / | |



## 6.5

www.yada.com.cn

## 7.1



65 ± 0.5mm×22 ± 0.5mm×49 ± 0.5mm

50g

<100Vdc

<1Adc

<20W

10

100ms YM-E2

+kWh 1 kWh -kWh 1 kWh

+kvarh 1 kvarh -kvarh 1 kvarh

-10~ 50

-25~ 75

20~95

1.0kVDC/min·1mA 100MΩat100V

2kV, 5kHz

6kV 8kV

## 7.2

YM-E2

1

1

6

0 0.1kWh/kvarh 1

1 1kWh/kvarh 1

2 10kWh/kvarh 1

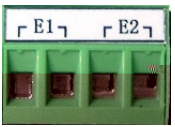
3 100kWh/kvarh 1

4 1000kWh/kvarh 1

5 10000kWh/kvarh 1

1

## 7.3




E1:kWh

E2:kvarh

## 7.4

| | | | / | |
|---|---|---|---|---|
| 821<br>(335h) | | Word | / | 0-5:<br>0:0.1kWh/kvarh<br>1:1kWh/kvarh<br>2:10kWh/kvarh<br>3:100kWh/kvarh<br>4:1000kWh/kvarh<br>5:10000kWh/kvarh |
| | 2 | | | |

## 7.5

www.yada.com.cn

YD2200 1 16

01 03 0335 0001 crcl crch

1 1kWh1

01 06 0335 0001 crcl crch

## 8.1

65 ± 0.5mm×22 ± 0.5mm×49 ± 0.5mm

50g

4-20mA

-10~ 50

-25~ 75

20~95 YM-A20

1.0kVDC/1mA 100MΩat100V

2kV, 5kHz

6kV 8kV

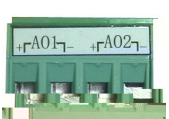
## 8.2

YM-A20

2 4-20mA

0-31

## 8.3




## 8.4

| | | | | |
|---|---|---|---|---|
| | | | / | |

| | | | | |
|---|---|---|---|---|
| 827(33Bh) | 20mA | Word | / | |
| 828(33Ch) | 4mA | Word | / | |
| 829(33Dh) | 3 | Word | / | 2# |
| 830(33Eh) | 20mA | Word | / | |
| 831(33Fh) | 4mA | Word | / | |
| 832(340h) | 4 | Word | / | 2# |
| 833(341h) | 20mA | Word | / | |
| 834(342h) | 4mA | Word | / | |

:

| :0-31 | | | | |
|---|---|---|---|---|
| 0:U1 | 8:U2 | 16:U3 | 24:U | V/10 |
| 1:U12 | 9:U23 | 17:U31 | 25:UL | V/10 |
| 2:I1 | 10:I2 | 18:I3 | 26:I | mA |
| 3:F | 11:F | 19:F | 27:F | Hz/100 |
| 4:P1 | 12:P2 | 20:P3 | 28:P | W |
| 5:PF1 | 13:PF2 | 21:PF3 | 29:PF | 0.001 |
| 6:Q1 | 14:Q2 | 22:Q3 | 30:Q | var |
| 7:S1 | 15:S2 | 23:S3 | 31:S | VA |

## 8.5

www.yada.com.cn

YD2200 1 16

out1 01 03 0337 0001 crcl crch

out1 Pa 01 06 0337 0004 crcl crch

out1 20mA 01 06 0338 03E8 crcl crch

out1 4mA 01 06 0339 FC18 crcl crch




86-762-3493871 3493872 3493873

86-762-3496222

86-762-3493926 3493989 (400-830-0868)

86-762-3493912 3493830

517000

http //www.yada.com.cn

E-mail market@yada.com.cn