MAM6090

5 4 5
0755 83172098 83172822 518129
0755 83172966 E-mail plt@pltsz.com
www.pltsz.com

MAM***

/

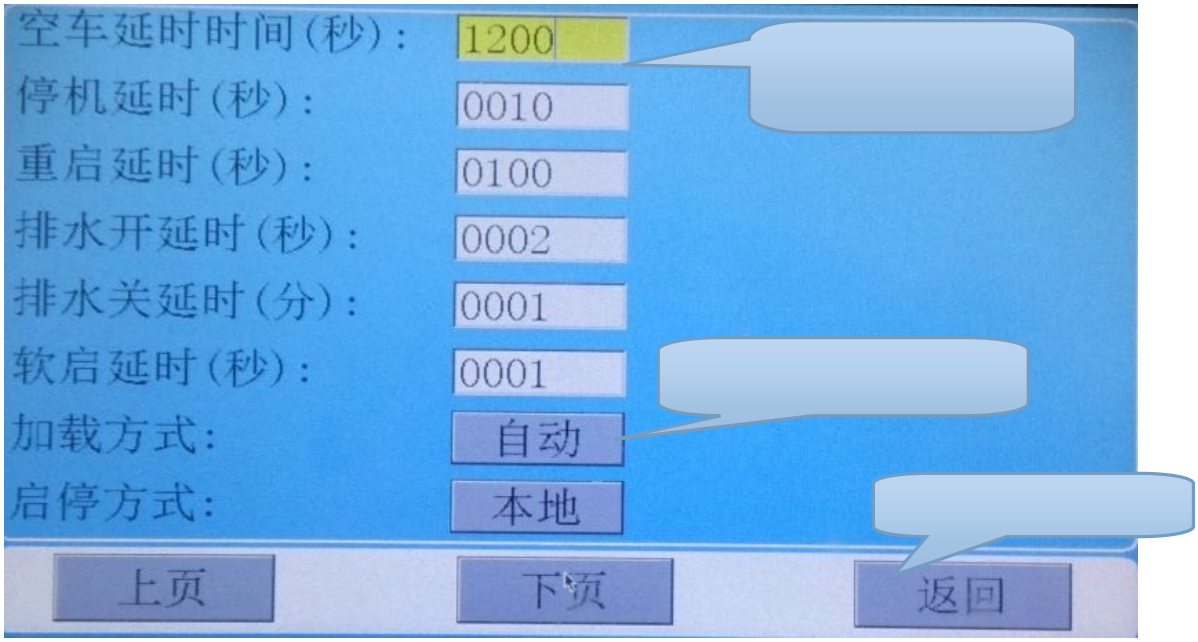
/1.2

-
- **7**
-
-
- **485**
- **MODBUS RTU**
- .
- .

1.1


MAM-6090 CONTROLLER
压力：00.21 MPa
菜单
温度：0093 ℃
复位
电流：000.0 A
加载
电压：0392 V
启动
风机停止
停机
PWR
RUN
ALM
运行状态：设备已停止
运行总时间:000038:30:00
负载总时间:000038:29:44

1.1.1


空车延时时间(秒)：
1200
停机延时(秒)：
0010
重启延时(秒)：
0100
排水开延时(秒)：
0002
排水关延时(分)：
0001
软启延时(秒)：
0001
加载方式：
自动
启停方式：
本地
上页
下页
返回

➢
➢ 1

➢
➢ 1


/

➢
➢

➢


/

➢ 5
➢ , , .
➢ ,

➢

➢

➢
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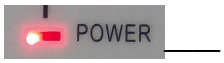
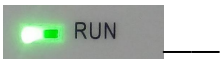
1.2

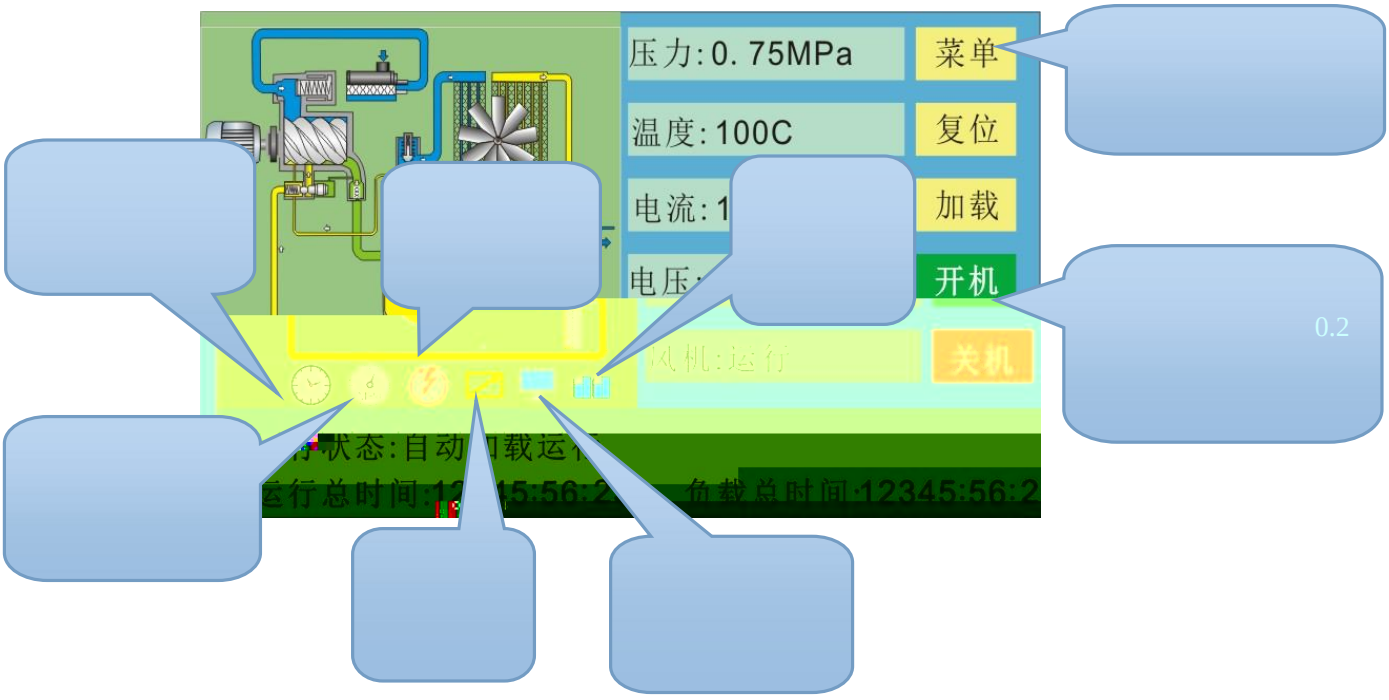




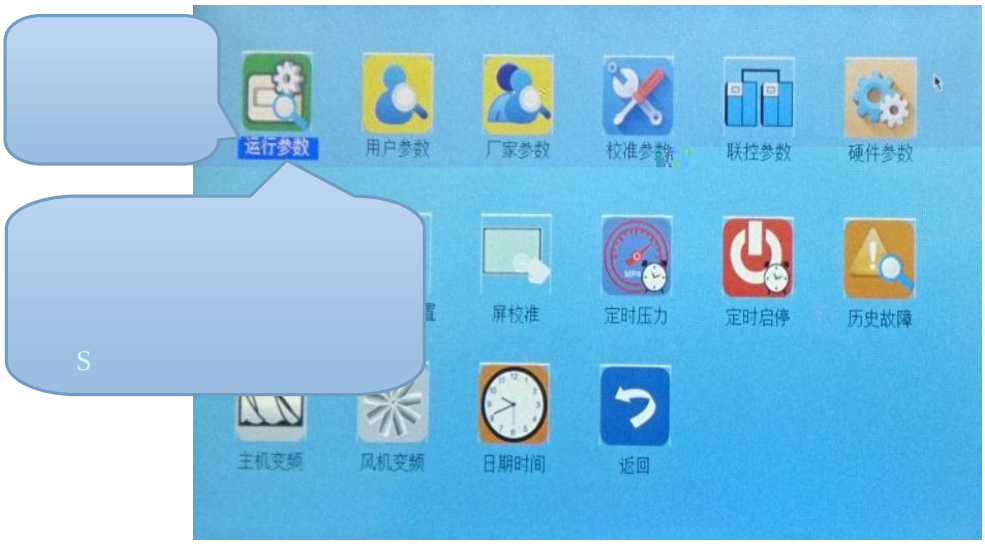
1.3

Logo “**MAM-6090**”,

5 5



“ ” “ ”



1.4

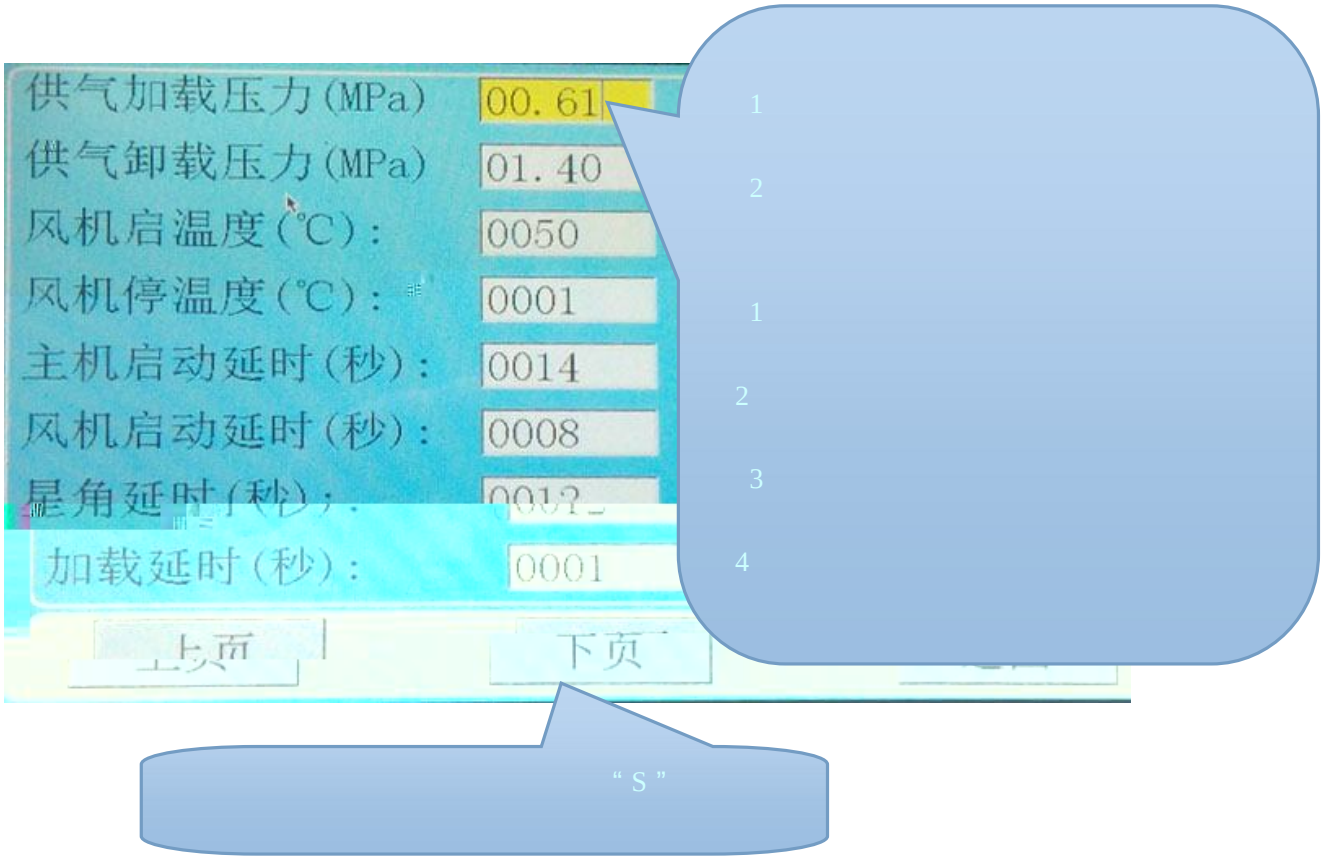
“ ”

	00.25MPa	.
	-0025	.
	00.00 MPa	.
	00.00 MPa	.
	-0050	.
	-0050	.
	0020H	
	0020H	
	0020H	
	0020H	
	0020H	
	12345678	
	A 000.0A B 000.0A C 000.0A	
	A 000.0A B 000.0A C 000.0A	
	2016-12-01	
	0000 00 00	
	0000 00 00	
	CK0135M0010	

	0000 0000	
	1 2 3 4 5 6 7 8 9 10 ● ● ● ● ● ● ● ● ● ● 1: 24 ; 2: 23 ; 3: 22 ; 4: 21 ; 5: 20 ; 6: 19 ; 7: 18 ; 8: 17 ;	
	1 2 3 4 5 6 7 8 9 10 ● ● ● ● ● ● ● ● ● ● 1: 43 2: 42 3: 41 ; 4: 40 5: 39 6: 37 7: 36 ; 8: 33 9: 32 10: 31	
	0000 RPM	
	000.0 Hz	
	000.0 A	
	000.0 V	
	000.0 Kw	
	0000000.0Kw.H	
	0000000.0Kw.H	
	0000	
	0000	
	000.0	PID
	0000 RPM	
	000.0 Hz	
	000.0 A	
	000.0 V	

	000.0 Kw	
	000000.00Kw.H	
	000000.00Kw.H	
	0000	
	0000	
	000.0	PID
U*I	000000.0V.A	
	0000000.0Kw.H	
	0000000.0Kw.H	
U*I	000000.0 V.A	
	0000000.0Kw.H	
	0000000.0Kw.H	

1.5



MPa)	00.65	1. 2. .
MPa)	00.80	1. 2. “ ” “ ”
	0080	, .
	0070	, .
	0008	, ,
	0003	, ,
	0006	
	0002	
	0600	
	0010	
	0100	

Å

Å

	/ /	MODBUS RTU , 9600; 8N1; :
	MPa/PSI/BAR	MPa MPa PSI PSI ( ) BAR BAR ( )
	/	( )
	/	( )
	****	.
	0007	
	0060	

1.6

A	1.2	1.2
A	1.2	1.2
	0105	
	0110	
	0105	
	0105	
	0115	
	0115	
MPa	00.90	
MPa	01.00	
MPa):	00.85	“ ” ≤
	0006	≥ 1+ /10 ≥ 15
⊥	002.0 Ď "	≥ 20
	****	“ 8888 ”

2:		
V	0410	0000
V	0350	0000
	002.0	.
	0020	
	0015	
	/	
	/	
	000100 00	
	000095 00	
	-0050	2
	/	
	1.72	
Kw.H	0000000.0	
	1.72	
Kw.H	000000.00	
	50HZ	
MPa	00.15	, 0.5Mpa, - - > , .
MPa	00.20	, 0.5Mpa, - - > , .
MPa	00.05	
	12345678	
	2015-01-01	
MPa	00.30	

1.7

A	1.000	
B	1.000	
C	1.000	0.800-2.000
A	1.000	= ×
B	1.000	
C	1.000	
1	1.000	0.800-2.000 = ×
2	1.000	
3	1.000	
4	1.000	MAM6090
5	1.000	
6	1.000	
1	1.000	0.800-2.000 = ×
2	1.000	MAM6090
	1.000	0.800-2.000 = ×
	0004	
	0004	
1	0002	-20 -20
2	0002	
3	0002	
4	0002	MAM6090
5	0002	
6	0002	
1	0002	0.00
2	0002	2 0.00 ( )
P1	01.60MPA	13
P2	01.60MPA	12
V	000.9	0
V	000.0	0 MAM6090
	020	/5
	001	/2.5

1.8

	0002	
MPa	00.63	
Mpa	00.78	
	0020	
	0060	“ ” “ ”
	- - -	-

1.9

17~24 31 32 33

24		/ /
23	/	
22		
21		
20		
19		
18	/	
17	/	
33	/	/ / / / / / / /
32	/	
31	/	

1.10

	0000	
	0000	
	0000	
	0000	
	0000	
	2000	1. 2. “ 0000 ”
	2000	1. 2. “ 0000 ”
	2000	1. 2. “ 0000 ”
	2000	1. 2. “ 0000 ”
	2000	1. 2. “ 0000 ”

1.11

(ATV61 ATV71)

	ATV61	modbus RTU
1	2135	1
	0001	.( )
2	2135	2
	0001	.( )
	2135	
	0001	.( )
	2135	
	0001	.( )
	2136	

=	*0001÷0001	1 50HZ 500 2 *0010÷0001 1 *0001÷0001 10000 *0020÷0001
	2135	.
=	AND 0001=0001	( )
	8N1-N	8N1-N: 8 1 8N1-E: 8 1 8N1-O: 8 1 8N2-N: 8 2 9600
	0C82	( )
=	*0001 ÷0001	1
	0C88	
=	*0001 ÷0001	1
	0C84	.
=	*0001 ÷0001	1
	0C8B	.
=	*S*0001 ÷0100	1
	6500	
=	AND 0000≠0000	
	2135	
	0001	.( )

1.12

A,B,C,D,E.

1.13

Mpa	00.65	“ ” “ ”
Mpa	00.80	“ ” “ ”
Mpa	00.70	“ ” “ ”
	00:00	“00:00” ,
	00:00	“00:00” ,

1.14

00 00

1.15

100

1.16

Mpa	00.70	
	1000	PID PID
	1000	PID PID
KW	022.0	
RPM	1500	
	0080	< - , ; > +

Mpa	00.05	— < < +
	0.800	
	0025	，
	0030	，
	0000	“ 0000 ”
HZ	050.0HZ	
HZ	030.0HZ	.
HZ	0025.0HZ	
	0001	
PID	000.8	PID
	ATV61	10 MODBUS RTU
	/	10 485 1 2 1
	/	RS485 1 2 12
	0006	

	0006	
Kw.H	0000000.0	
(S)	1.0	
1(Mpa)	0.60	“ 1 ”
2(Mpa)	0.70	“ 2 ”
3(Mpa)	0.80	“ 3 ”
4(Mpa)	0.90	“ 4 ”
5(Mpa)	1.00	“ 5 ”
6(Mpa)	1.10	“ 6 ”
7 (Mpa)	1.20	“ 7 ”
1(HZ)	180.0	1
2(HZ)	160.0	
3(HZ)	140.0	
4(HZ)	120.0	
5(HZ)	100.0	
6(HZ)	80.0	
7(HZ)	60.0	
2 ,		
2 2		

1 :

1<= 2<= 3<= 4<= 5<= 6<= 7

2 1>= 2>= 3>= 4>= 5>= 6>= 7

3 M>N N 00.00 M M

4 1 00.00Mpa

1.17

	0078	
	0085	, , . , .
	1000	PID PID
	1000	PID PID
	001.5KW	
	1500RPM	
	0070	, .
	0065	, .
	0020	< - > +
	0005	— < < +
	0100	,
	0020	
	0000	“ 0000 ”
HZ	050.0HZ	, .
HZ	010.0HZ	
	0.900	
	2	
PID	001.5	PID
	ATV31	
	/	
Kw.H	000000.00	

1.18

1.19

1.19.1

1.19.2

1.19.3

1.19.4

1.19.5

1.19.6

1.19.7

1.19.8

1.19.9

1.19.10

1.19.11

1.19.12

2.1 -20 +60 ≤ 98%
2.2 8 10
2.3 3 PT100 , 2 4~20 , 2 CT
2.4 380V/220V
2.5
2.6 AC16-28V 20VA
2.7
2.7.1 -50 350 ± 1
2.7.2 0 999999
2.7.3 0 999.9A
2.7.4 0 1.60MPa 0.01Mpa
2.8 ≤ 1
2.9

2.9.1 1 , 20

2.9.2 10,
5

2.9.3 ( ) (2.9.3.1) I I
1.2 3.0

I /I	≥1.2	≥1.3	≥1.5	≥1.6	≥2.0	≥3.0
S	60	48	24	8	5	1

2.9.3.1

2.10 , ≤ 2s

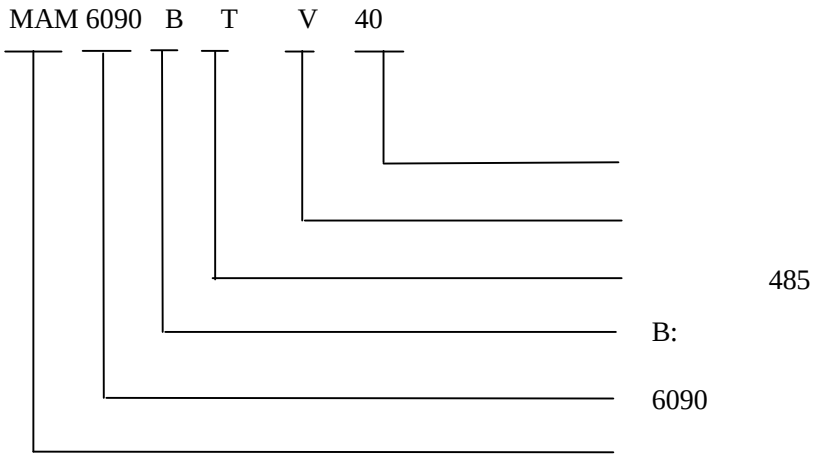
2.11 250V 5A 500000

2.12 1.0%.

2.12 RS485 1 1

2.14 : ,

3.1



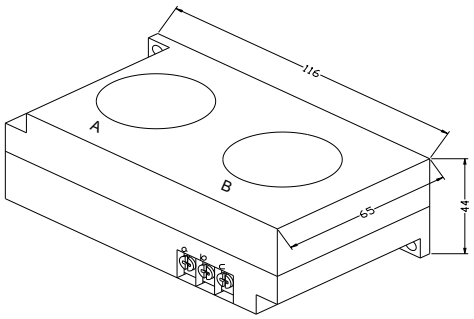
3.2

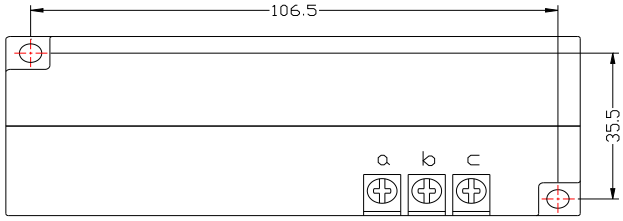
	A	KW		
MAM6090 20	8 20	11KW		
MAM6090 40	16 40	11-18.5KW		0.2~2.5A
MAM6090 100	100	22-45KW		1~5A 4~10A
MAM6090 200	200	55-90KW		
MAM6090 400	400	110KW		

MAM6090 600/5	600/5	200KW-250KW	CT	

3.2.1

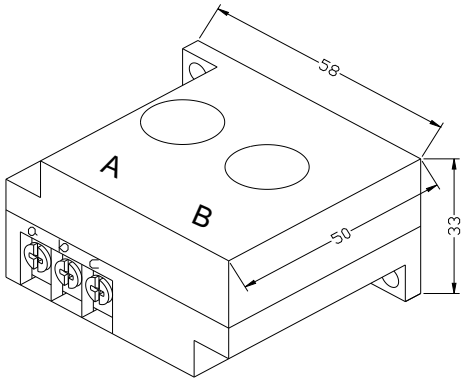
4.1

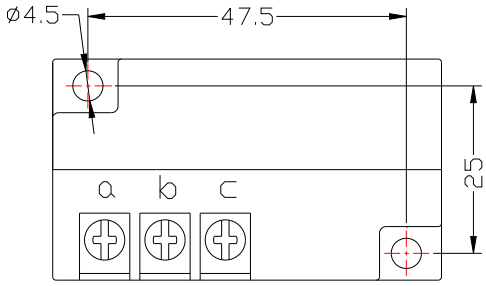




4.1.1 CT1 φ36

4.1.2 CT1

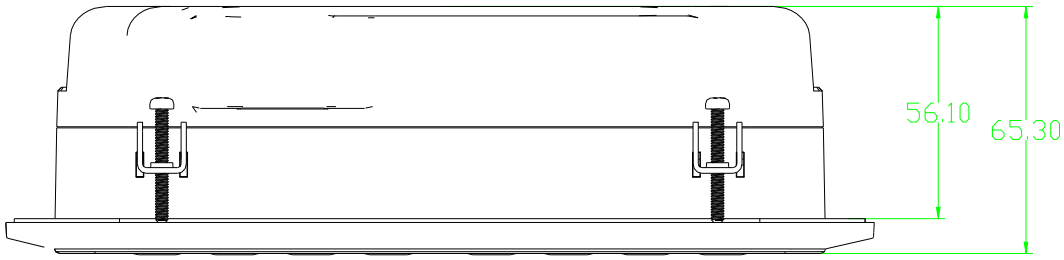


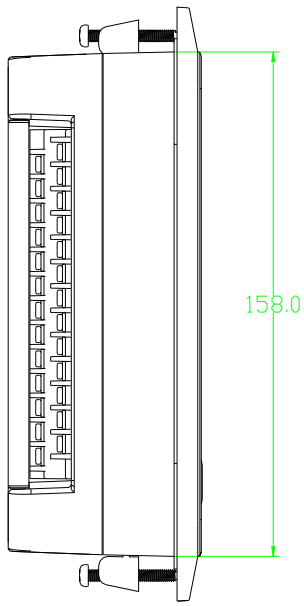


4.1.3 CT2 φ10

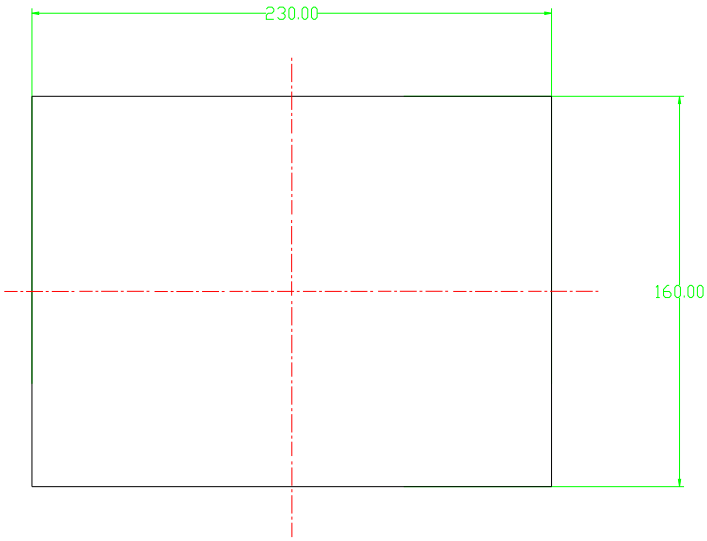
4. 1.4 CT2

4.2





4. 2.1



4.2.3

220mm 230mm

10 15mm

5.1

“ ”

“ ”

5.2

“ ”

“ ”

5.3

“ ”

“ ”

5.4

“ ”

5.5

“ ”

5.6

“ ” “ ”

6.1

MAM6090

	“ ”	
	“ * ”	
	“ ”	
	“ ”	
	“ ”	

6.2

“ ”

6.3

“ 1 ”

6.4

“ 2 ”

6.5

“ ”

6.6

“ ** ”

	PT100	PT100
		+2

8.1

MAM6090 MAM

16

485 1 2

“ — ” “ - ”

“ — ”

8.1.1.1

0001 MAM

8.1.1 Ḥ ↙
& ſ M
1

0001 ᵏ /

“ ” “ ” “ ” “ ” “

” “ ” “ ” ↿ ˢ ↿ M

MAM6090 “ ” “ ”ﻓﺖ & ⅋ 1

Ɪ ƖƖ ˜ ᵏᵏ // ᵯM “

1	2135	1
	0001	.( )
2	2135	2
	0001	.( )
	2135	
	0001	.( )
	2135	
	0001	.( )
	2136	
=	*0001÷0001	1
	2135	.
=	AND 0001=0001	( )
	8N1-N	8N1-N: 8 1 8N1-E: 8 1 8N1-O: 8 1 8N2-N: 8 2 9600
	0C82	( )
=	*0001 ÷0001	1
	0C88	
=	*0001 ÷0001	1
	0C84	.
=	*0001 ÷0001	1
	0C8B	.
=	AND 0000≠0000	

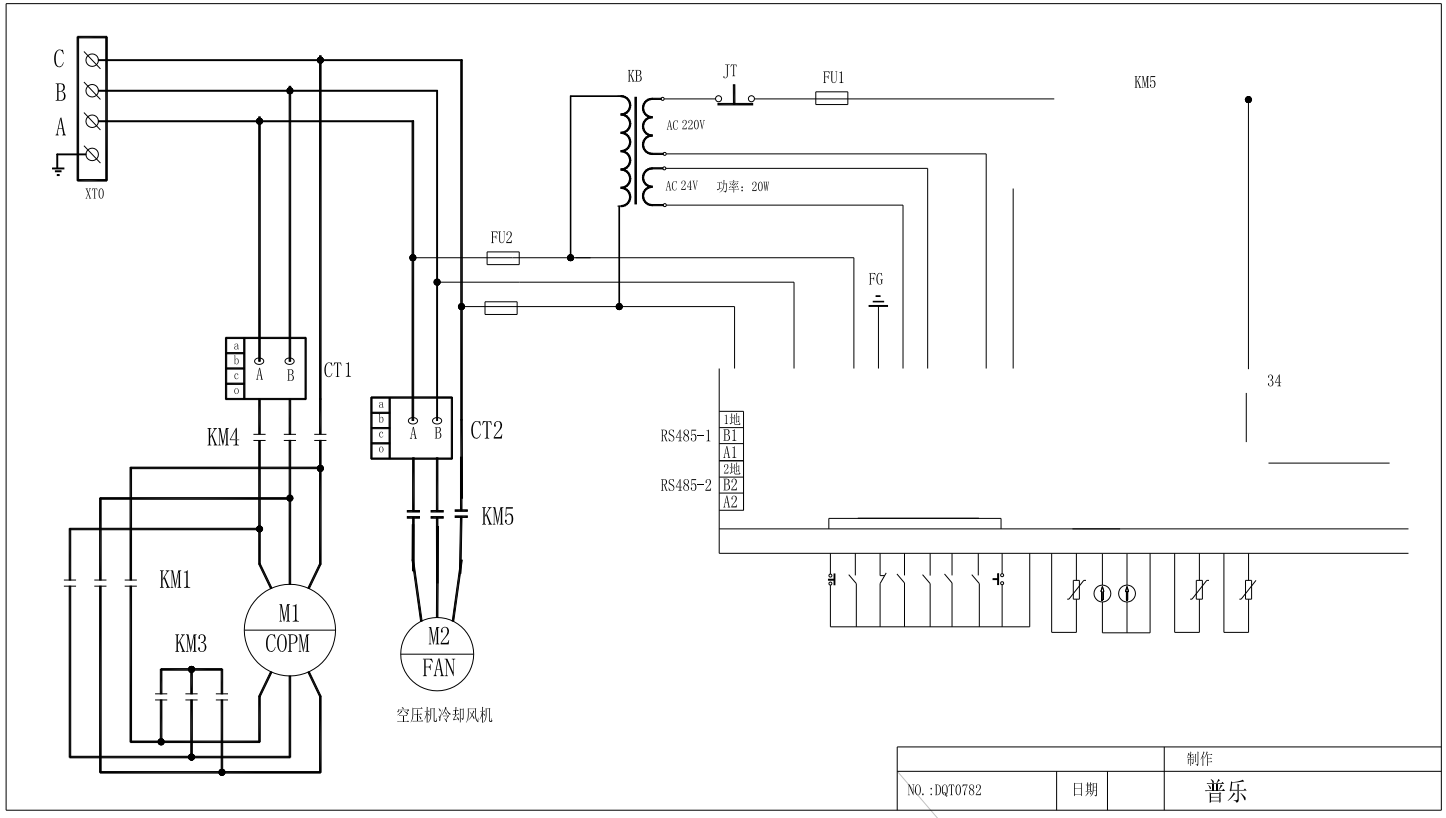
	2135	
	0001	.( )

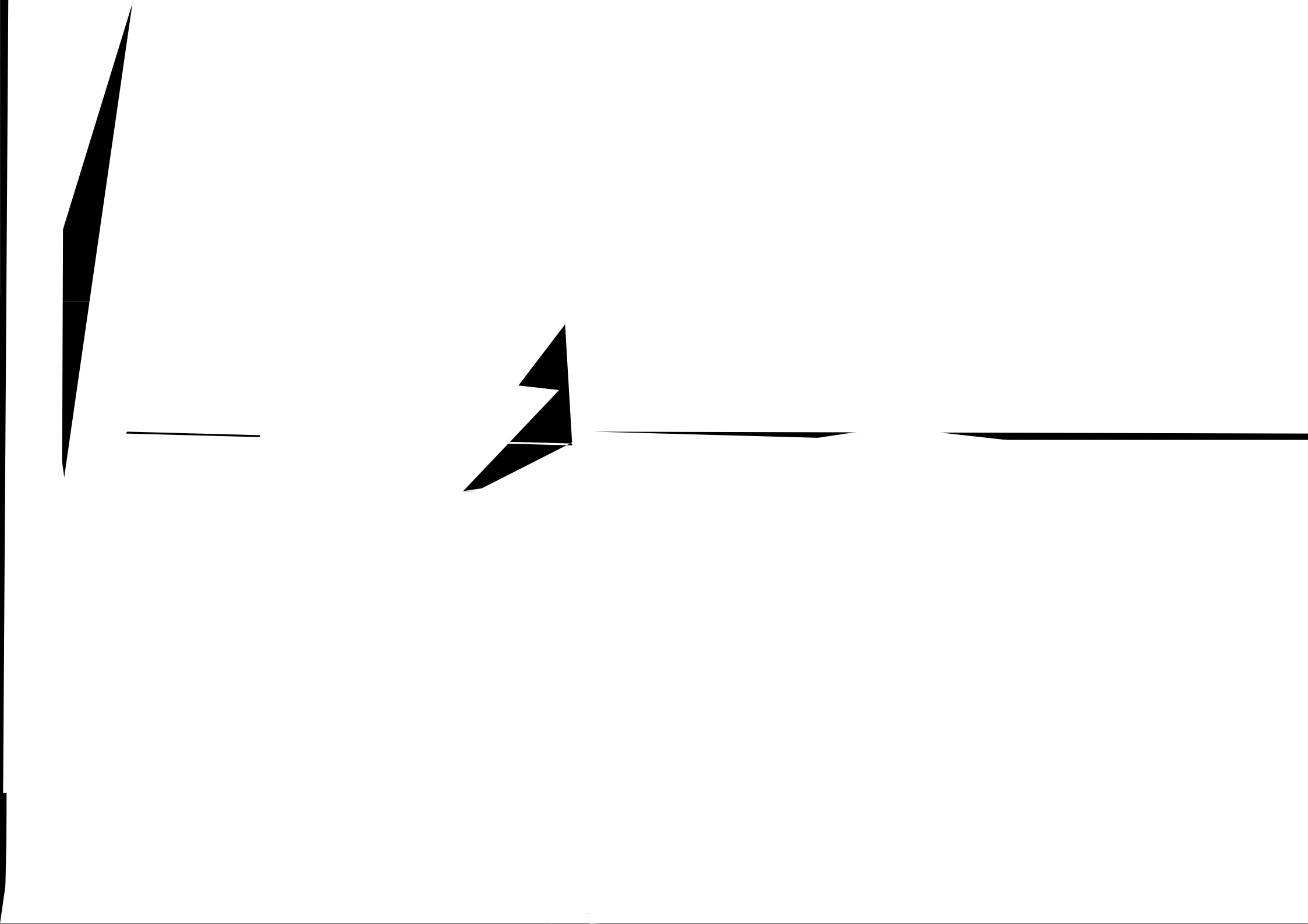
“ ” 0 “ 1 ” 1 “ ”

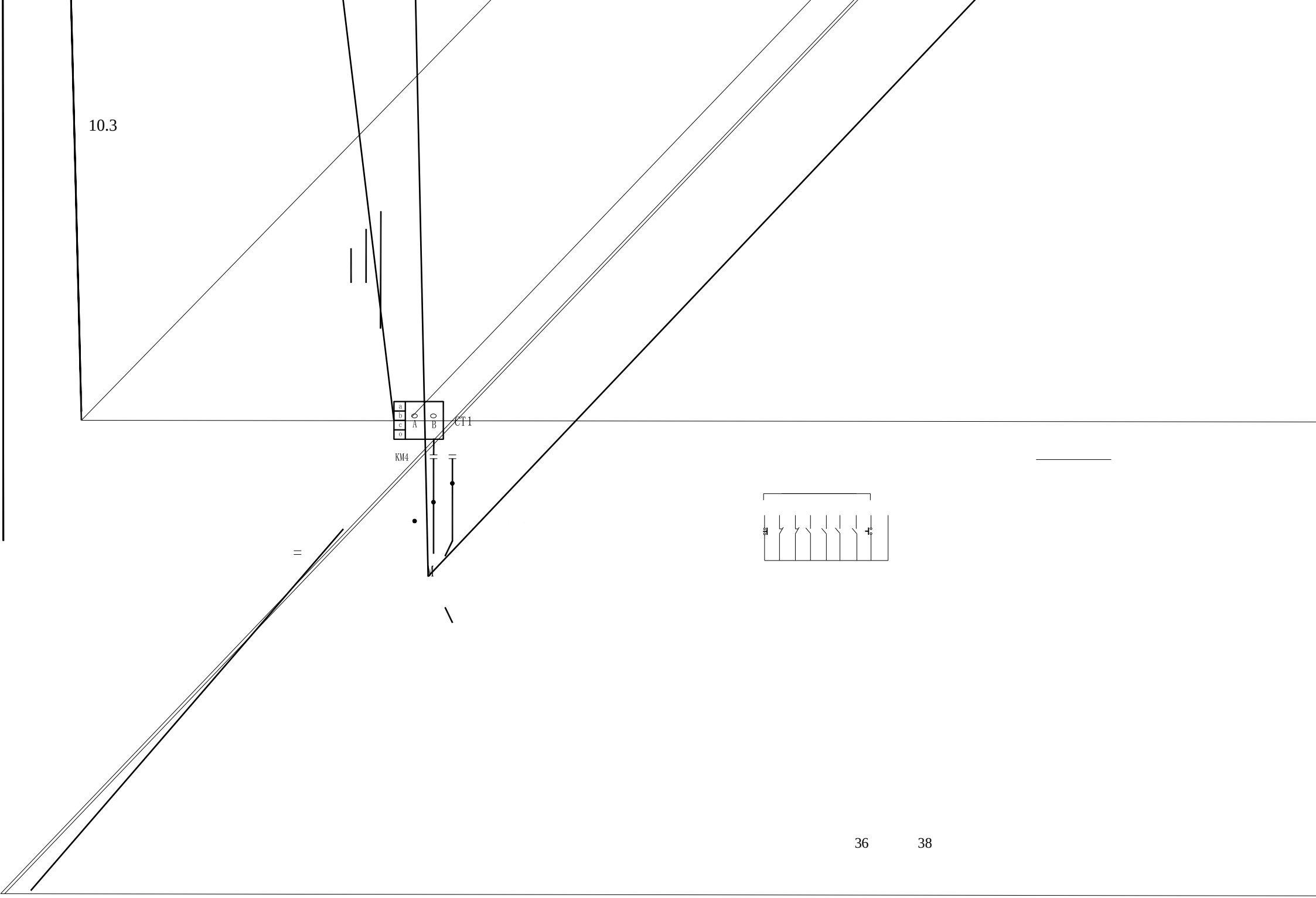
“ ”

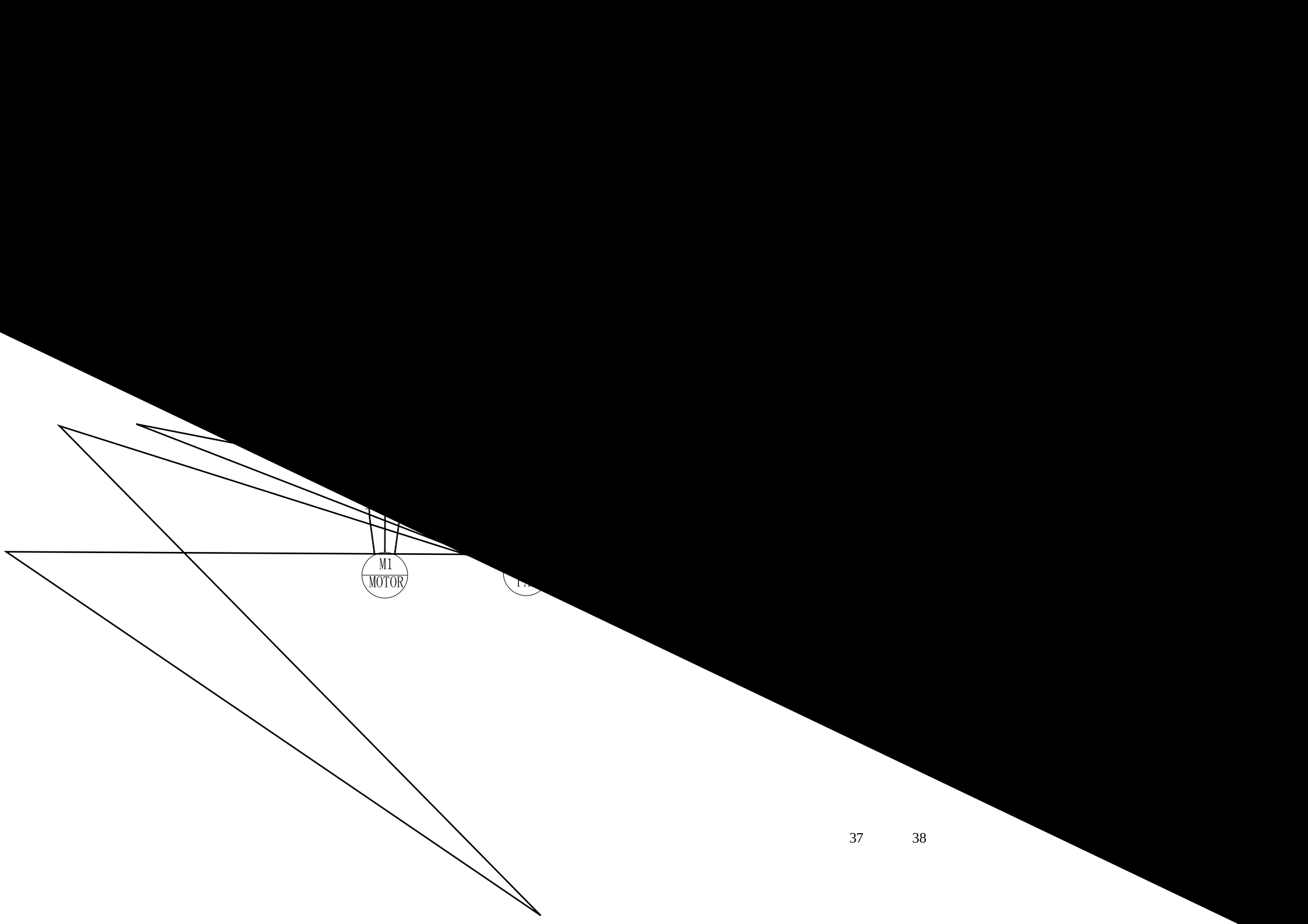
1 CON |AD2-
|AD1-|ADD :1
|EBr :96
|EFO :8N1
|EEO :15
CTL- | Fr1 :ndb
|rln
|PST
|CHCF :IO
|CD1 ndb
Flt- | PTC-
|rST- | rSF :C107

10.1


C
B
A
XT0
KB
JT
FU1
KM5
AC 220V
AC 24V 功率：20W
FU2
FG
34
CT1
CT2
KM4
KM5
KM1
KM3
M1
COPM
M2
FAN
空压机冷却风机
RS485-1
RS485-2
1地
B1
A1
2地
B2
A2
制作
NO.:DQT0782
日期
普乐




10.3
a
b
c
o
A
B
CT1
KM4
36
38


M1
MOTOR