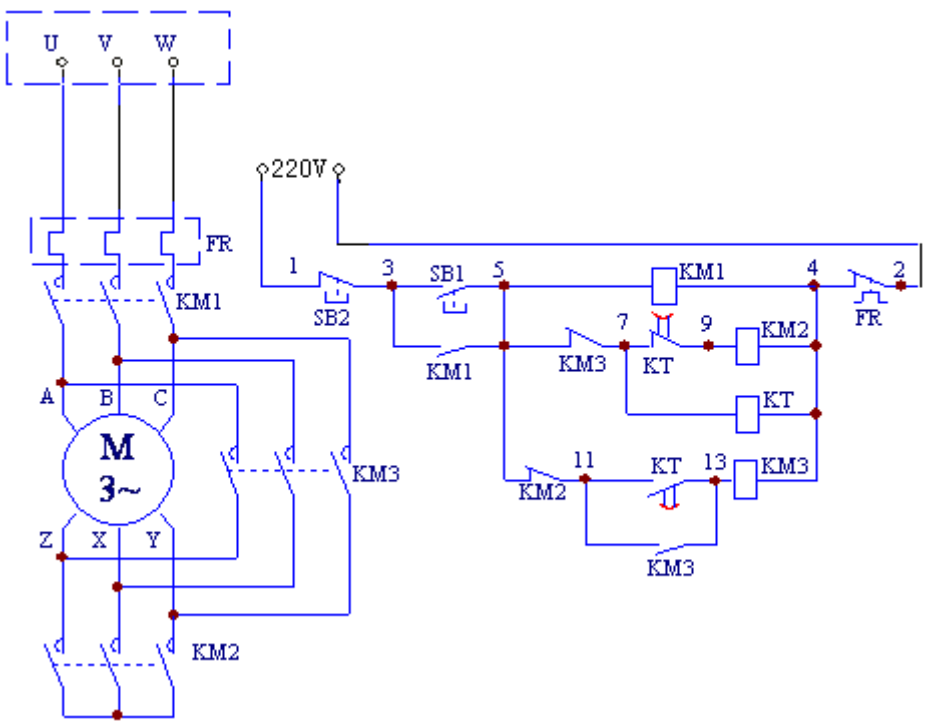
60

70

Y


U
V
W
220V
FR
KM1
SB2
SB1
KM1
KM3
KT
KM2
FR
KT
KM2
KT
KM3
KM3
A
B
C
M
3~
Z
X
Y
KM3
KM2
1
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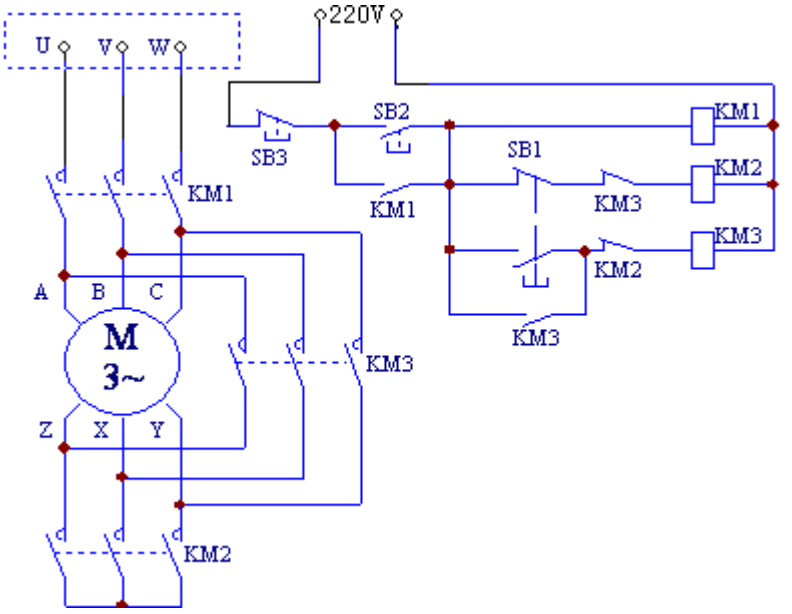
U
V
W
220V
SB2
SB3
KM1
SB1
KM2
KM1
KM3
KM3
KM2
KM3
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KM3
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KM2

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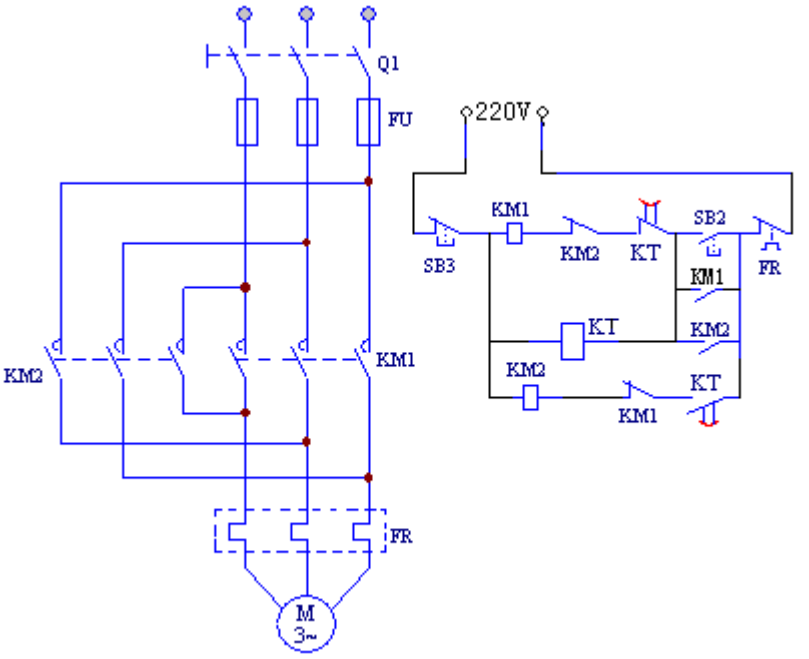
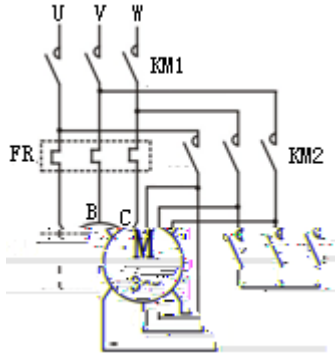

Q1
FU
220V
KM1
SB2
SB3
KM2
KT
FR
KM1
KT
KM2
KM2
KT
KM1
KM2
KM1
FR
M
3~


U
V
W
KM1
FR
KM2
B
C
M

十字路口交通灯控制

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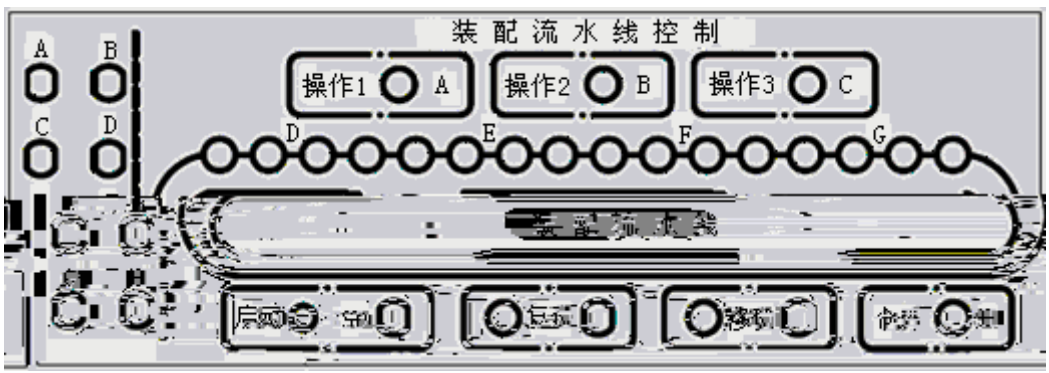
装 配 流 水 线 控 制
A
B
C
D
操作1
A
操作2
B
操作3
C
D
E
F
G

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S1 S2

S3

S4 M1

Y

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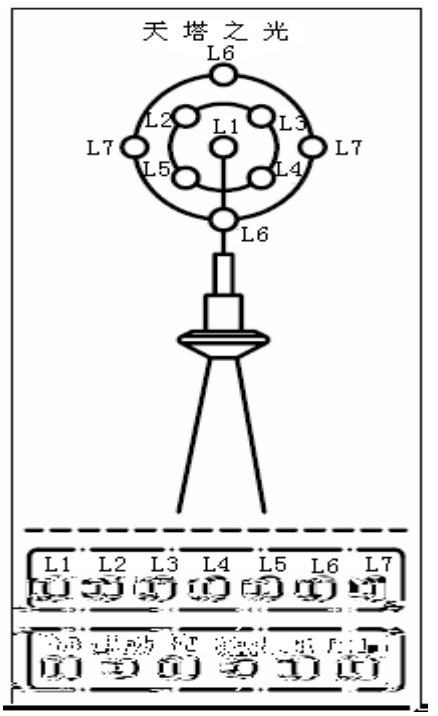
| | S1 | S2 | S3 | S4 |
| | X0 | X1 | X2 | X3 |


天 塔 之 光
L6
L2
L1
L3
L7
L7
L5
L4
L6
L1 L2 L3 L4 L5 L6 L7

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A B / /

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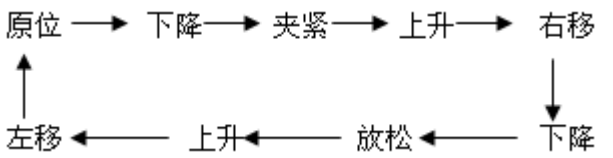


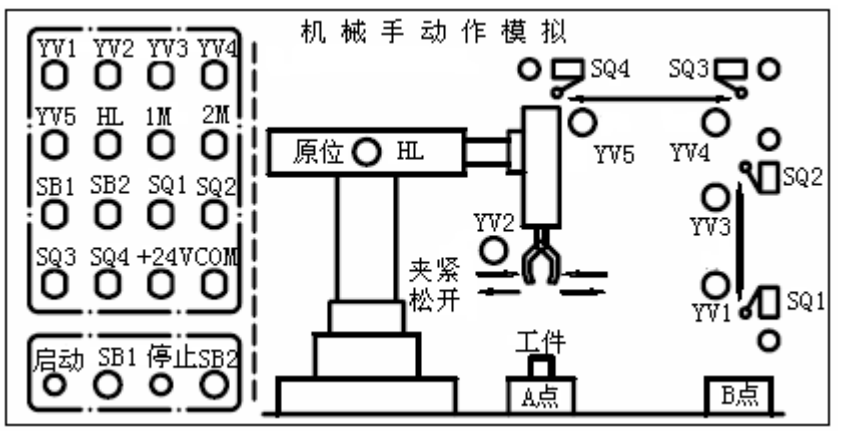


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|---|---|---|---|---|---|---|
| | SB1 | SQ1 | SQ2 | SQ3 | SQ4 | SB2 |
| | X0 | X1 | X2 | X3 | X4 | X5 |

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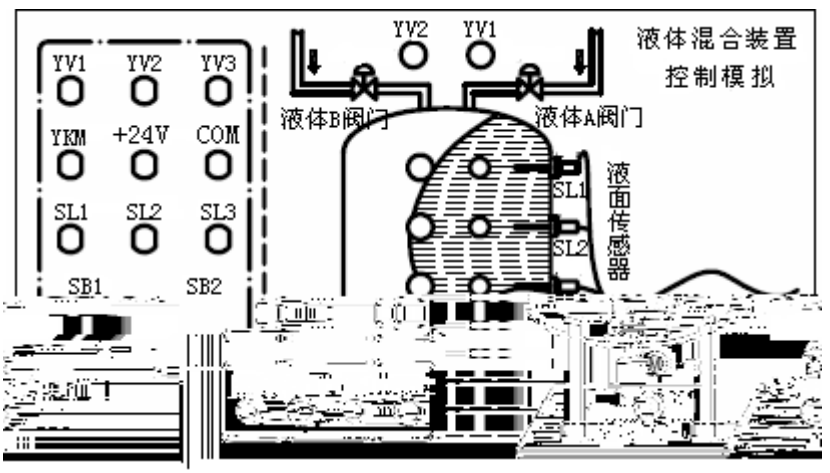
|---|---|---|---|---|---|---|
| | YV1 | YV2 | YV3 | YV4 | YV5 | HL |
| | Y0 | Y1 | Y2 | Y3 | Y4 | Y5 |

PLC


YV2
YV1
液体混合装置
控制模拟
YV1
YV2
YV3
液体B阀门
液体A阀门
YKM
+24V
COM
SL1
液面传感器
SL1
SL2
SL2
SL3
SB1
SB2

A

B

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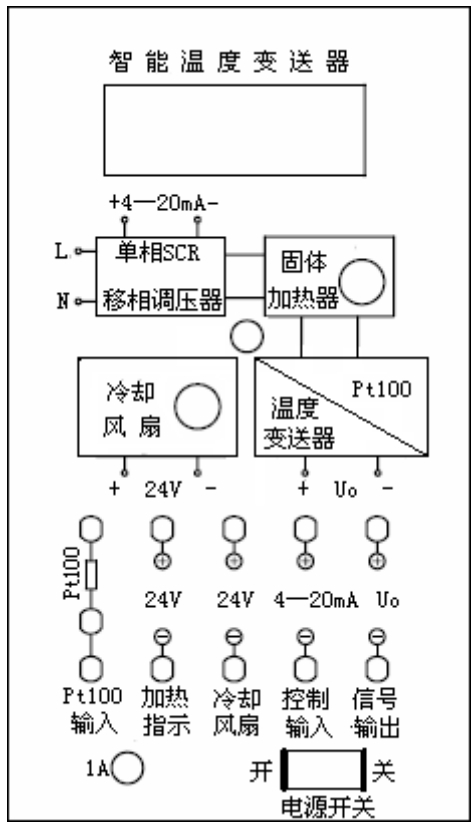
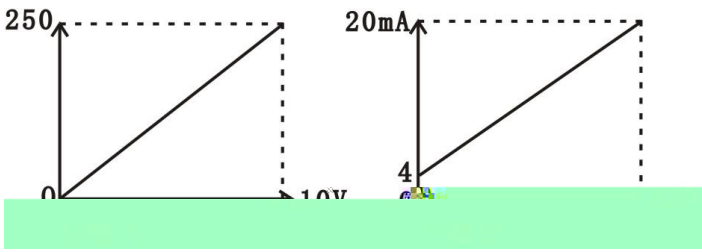
# PID


智 能 温 度 变 送 器
+4—20mA-
L
N
单相SCR
移相调压器
固体
加热器
冷却
风 扇
Pt100
温度
变送器
+ 24V -
+ Uo -
Pt100
24V
24V
4—20mA
Uo
Pt100
输入
加热
指示
冷却
风扇
控制
输入
信号
输出
1A
开
关
电源开关


250
0
20mA
4

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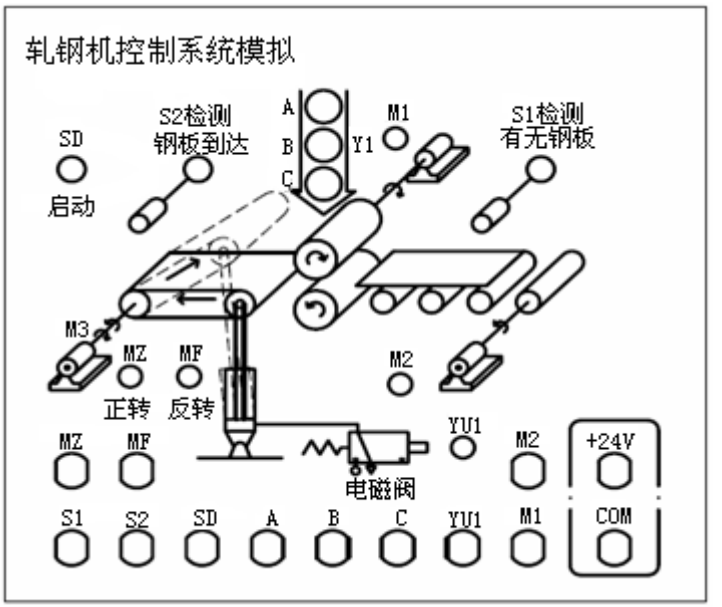


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|---|---|---|---|
| | SD | S1 | S2 |
| | X0 | X1 | X2 |

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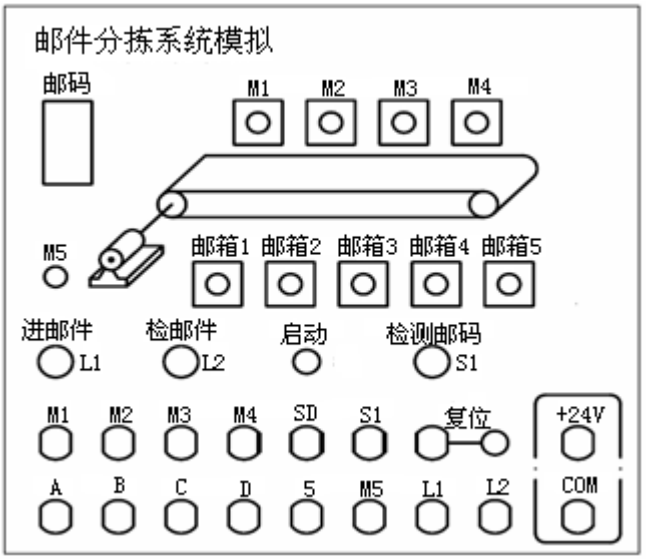
|---|---|---|---|---|---|---|---|---|
| | M1 | M2 | MZ | MF | A | B | C | YU1 |
| | Y0 | Y1 | Y2 | Y3 | Y4 | Y5 | Y6 | Y7 |


邮件分拣系统模拟
邮码
M1
M2
M3
M4
M5
邮箱1
邮箱2
邮箱3
邮箱4
邮箱5
进邮件
L1
检邮件
L2
启动
检测邮码
S1
M1
M2
M3
M4
SD
S1
复位
+24V
A
B
C
D
5
M5
L1
L2
COM

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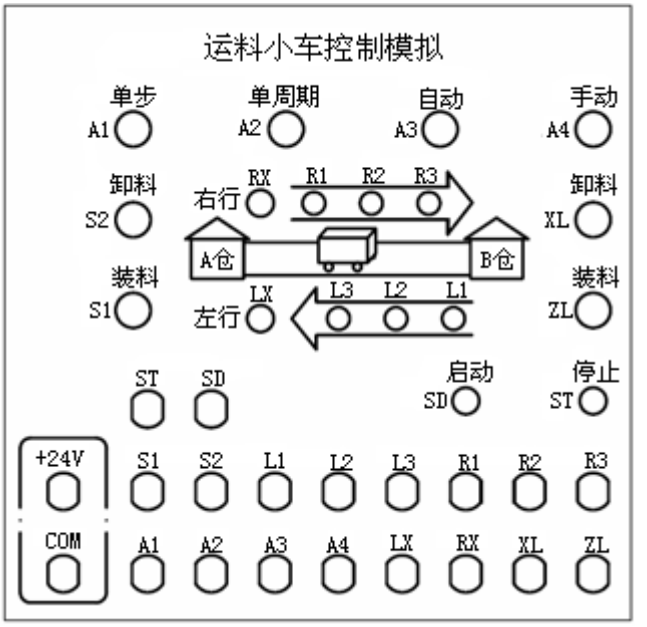
运料小车控制模拟
单步
单周期
自动
手动
A1
A2
A3
A4
卸料
S2
右行
RX
R1
R2
R3
卸料
XL
A仓
B仓
装料
S1
左行
LX
L3
L2
L1
装料
ZL
ST
SD
启动
停止
SD
ST
+24V
COM
S1
S2
L1
L2
L3
R1
R2
R3
A1
A2
A3
A4
LX
RX
XL
ZL

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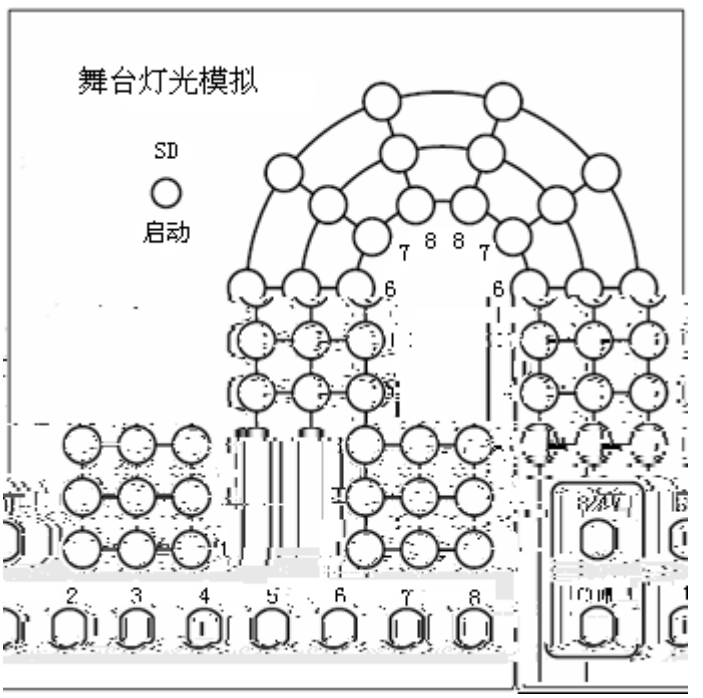
舞台灯光模拟
SD
启动
7 8 8 7
6
6
2 3 4 5 6 7 8

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Pr.30 1

1 50Hz

1

2 PU

3 5

4 SET SET 5 0.0

3

5 3 0.0 RUN

6 3 4

7 STOP RESET

2 Pr.7 5 10

1

2 PU PU

3 MODE

4 LED P 7

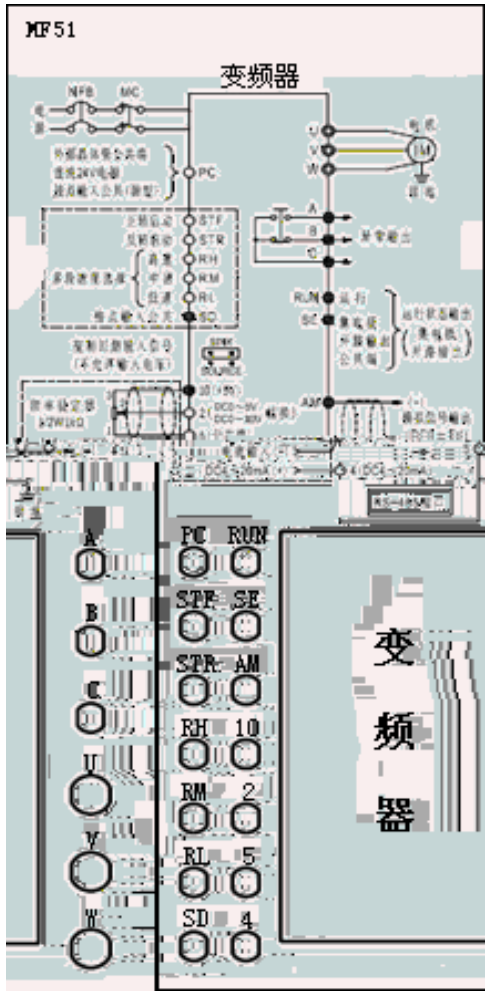
5 SET 5

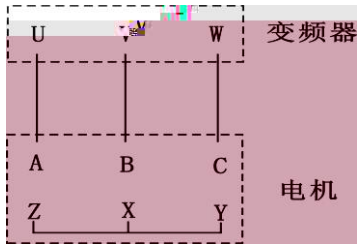
6 10

7 SET

1

2


MF51
变频器
PC
STF
STR
RH
RM
RL
SD
RUN
SE
AM
10
2
5
4
A
B
C
U
V
W
变
频
器


U
V
W
变频器
A
B
C
Z
X
Y
电机

1

2 PU

3

4 LED P 30

5 0

6 1

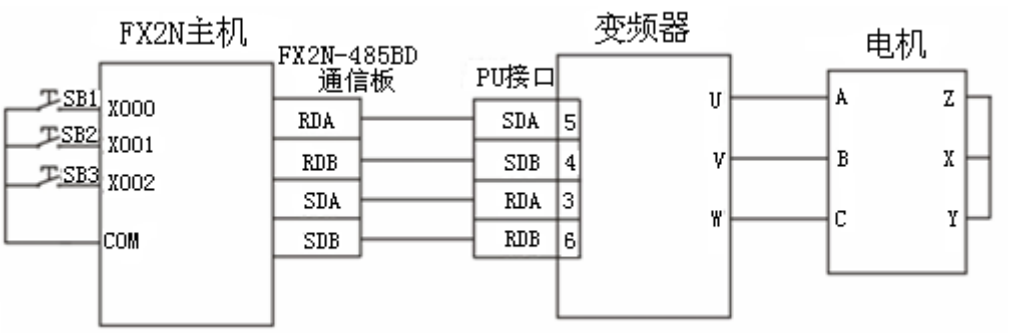
7

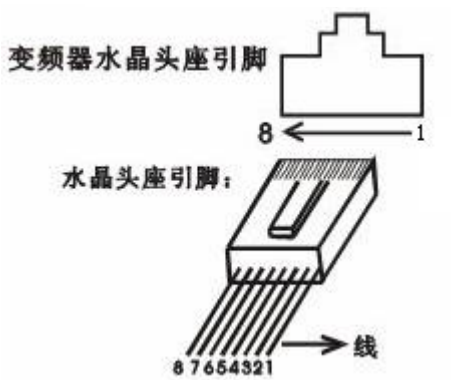
7 4 5 6 7 Pr.53 1

8

9

# PLC


FX2N主机
FX2N-485BD
通信板
PU接口
变频器
电机
SB1
SB2
SB3
X000
X001
X002
COM
RDA
RDB
SDA
SDB
SDA
SDB
RDA
RDB
5
4
3
6
U
V
W
A
B
C
Z
X
Y


变频器水晶头座引脚
8
1
水晶头座引脚：
线
8 7 6 5 4 3 2 1

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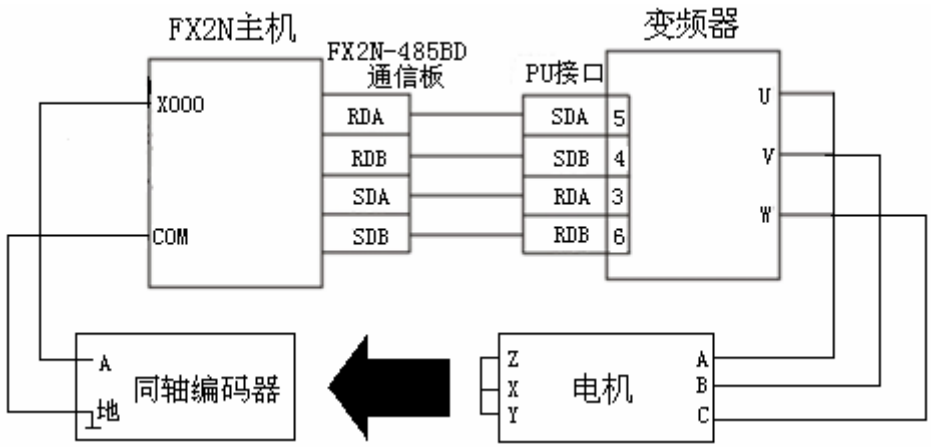
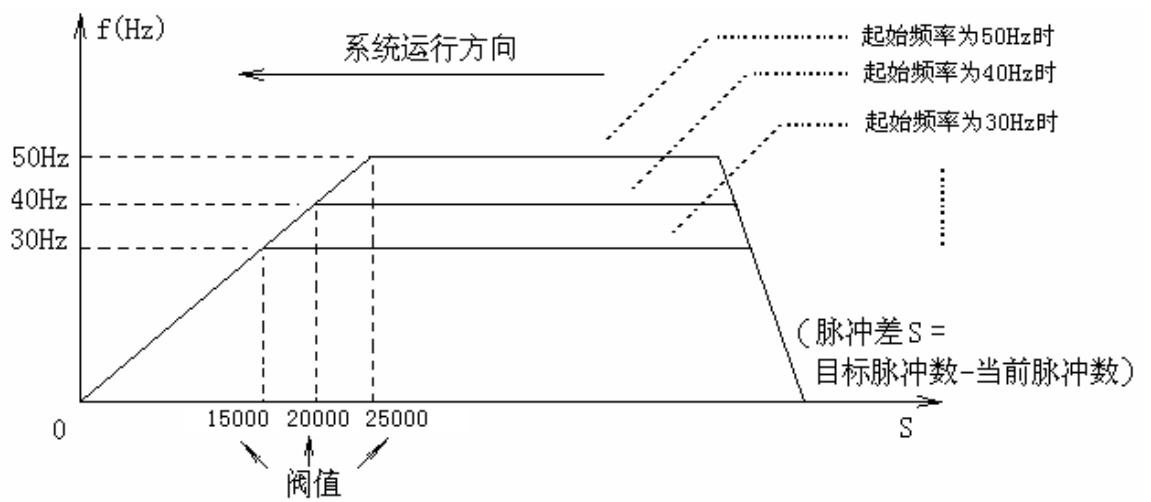
# PLC


FX2N主机
FX2N-485BD
通信板
PU接口
变频器
X000
COM
RDA
RDB
SDA
SDB
SDA 5
SDB 4
RDA 3
RDB 6
U
V
W
A
地
同轴编码器
Z
X
Y
电机
A
B
C


f(Hz)
系统运行方向
起始频率为50Hz时
起始频率为40Hz时
起始频率为30Hz时
50Hz
40Hz
30Hz
(脉冲差S=
目标脉冲数-当前脉冲数)
0
15000
20000
25000
S
阀值

| Pr.8 | Pr.30 | Pr.79 | n1 | n2 | n3 | n4 | n5 | n6 | n7 | n8 | n9 | n10 | n11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 0 | 1 | 48 | 10 | 0 | ---- | ---- | ---- | 0 | 0 | 1 | 0 |

n10 0 PU

PU n10

(

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1 / D10 D10

2 / D0 D0

M0 M0 ON

OFF

# PLC

1

Pr.30

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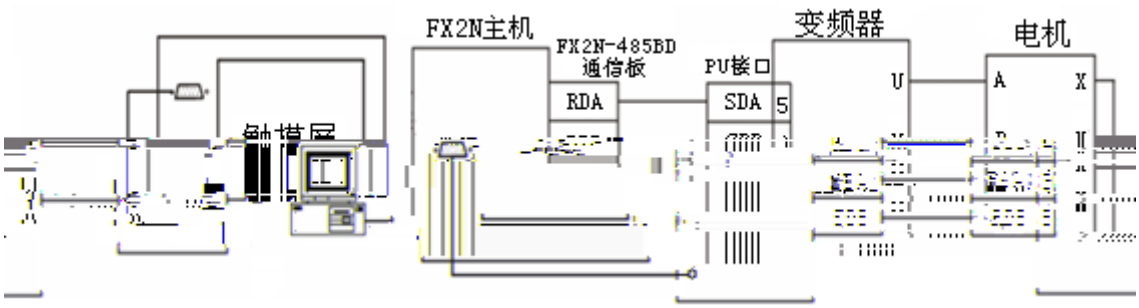
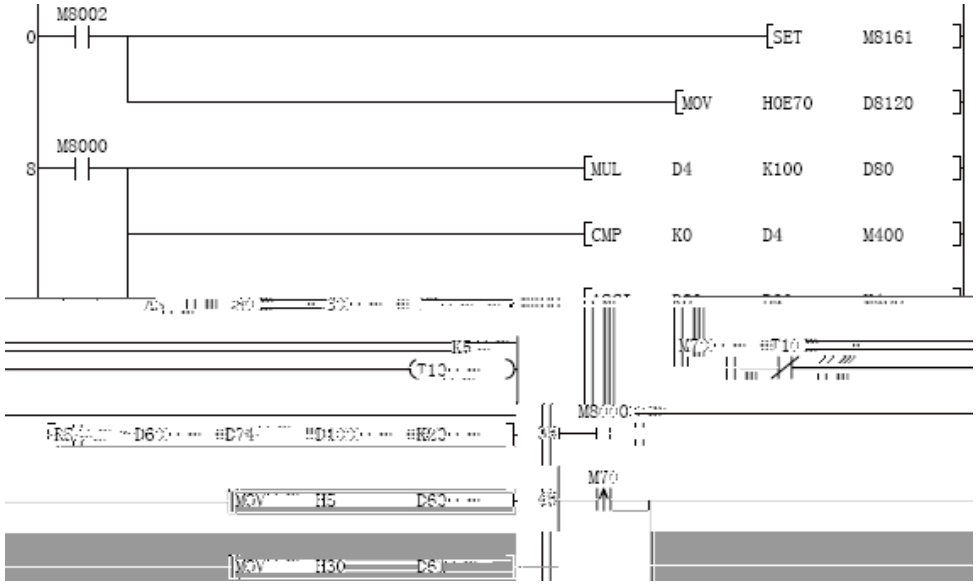
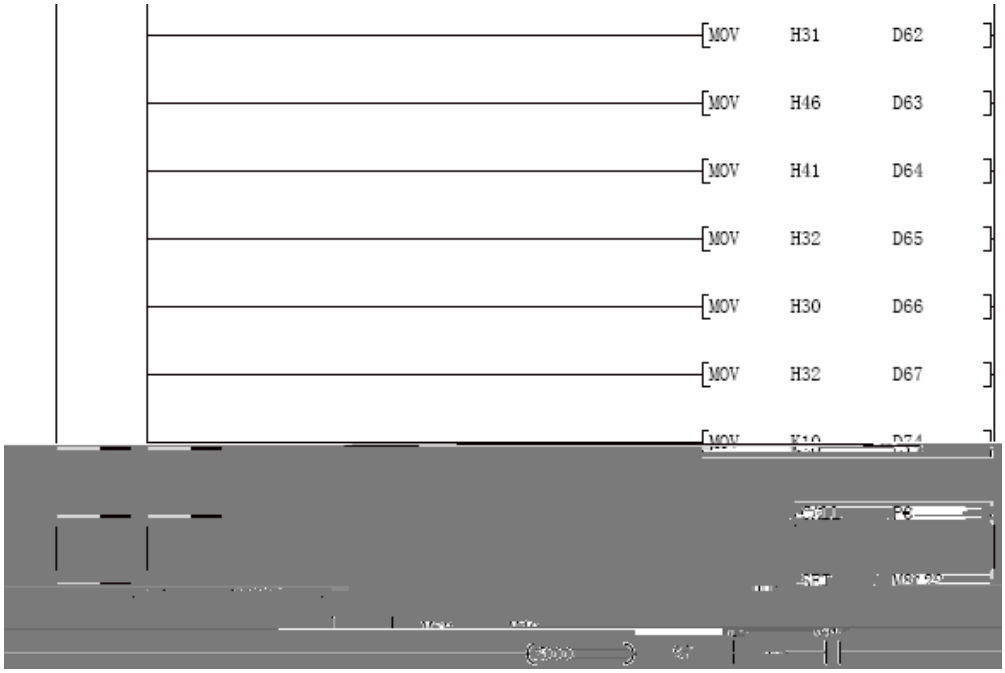
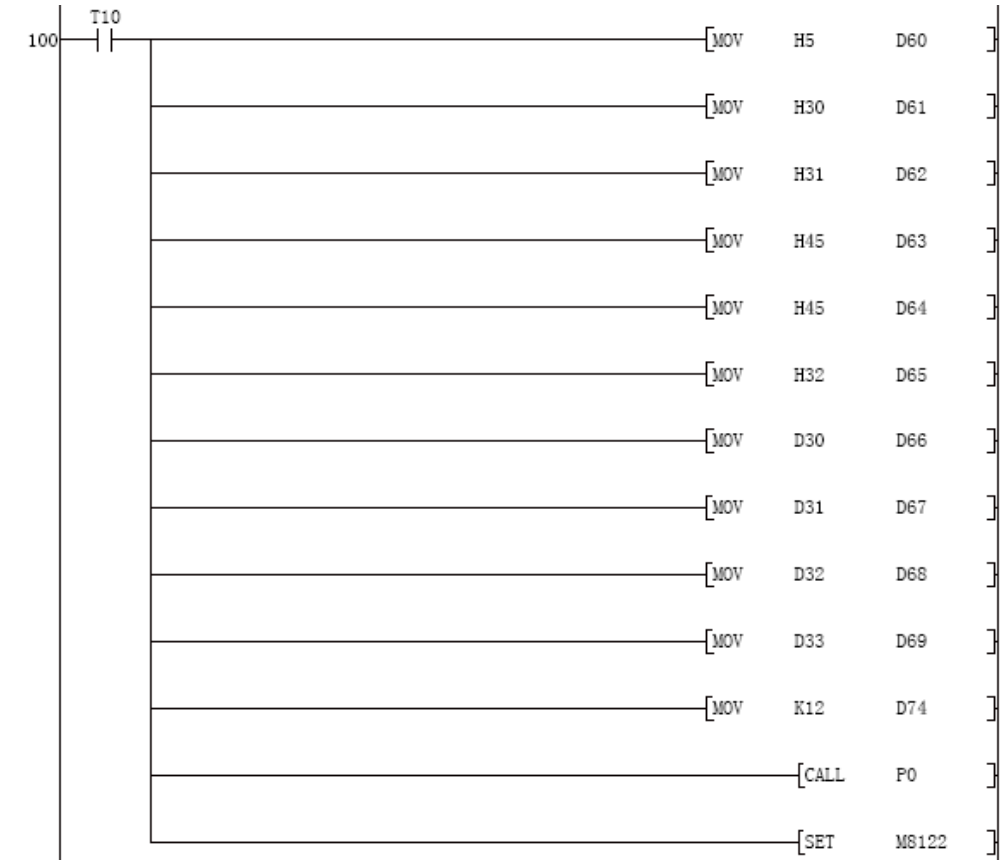
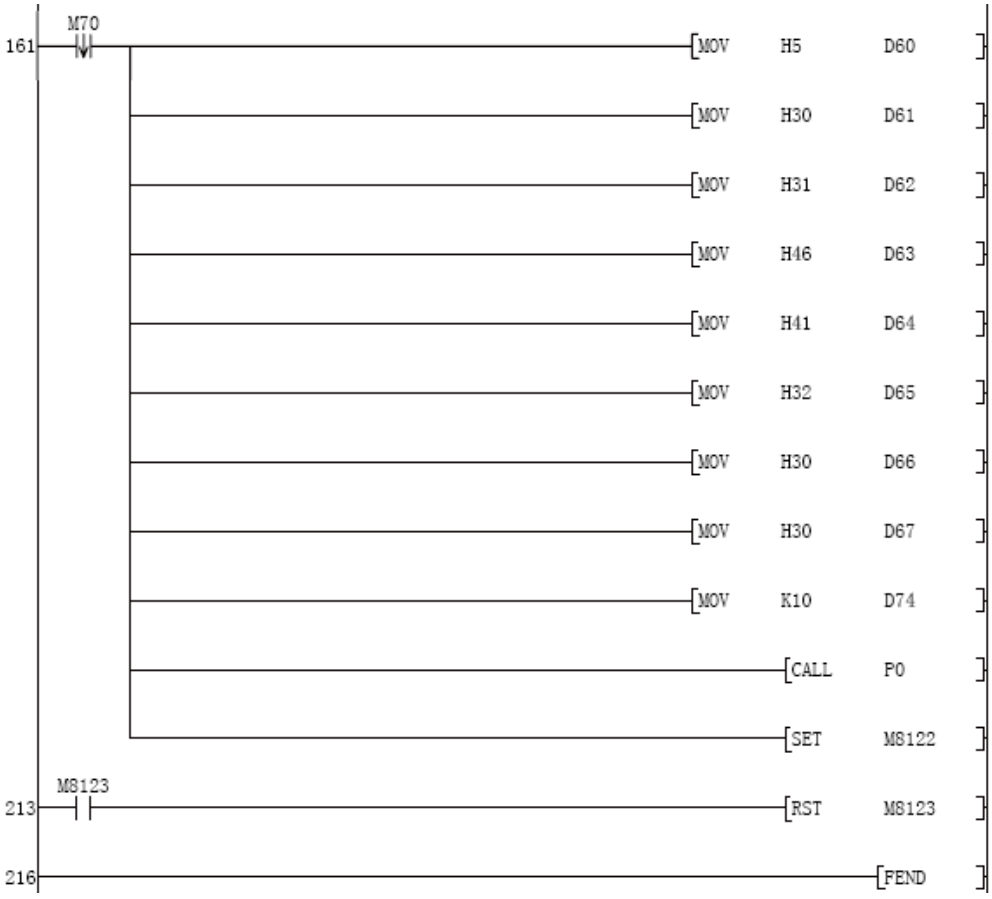
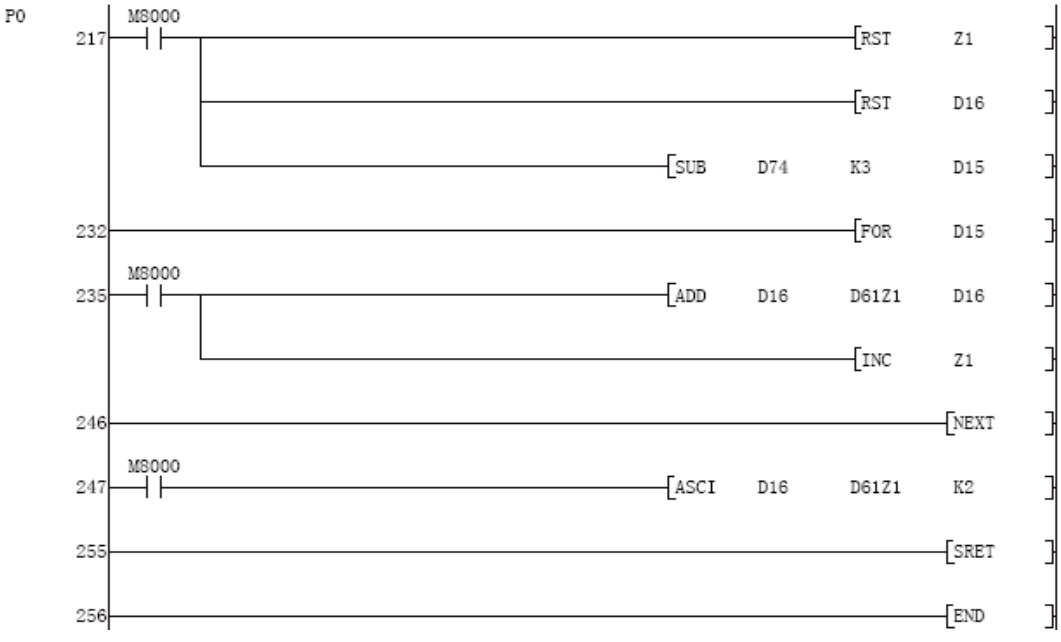

FX2N主机
FX2N-485BD
通信板
RDA
PU接口
SDA
5
变频器
U
电机
A
X

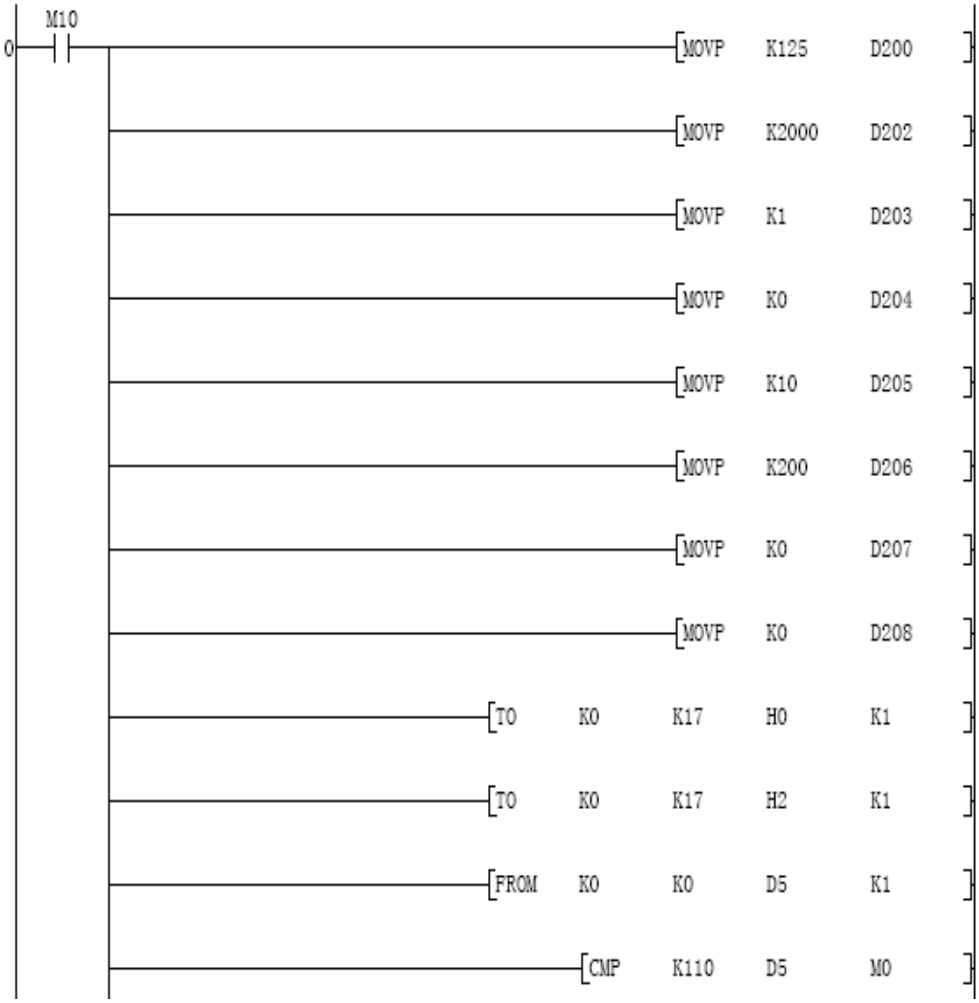

M8002
0
SET M8161
MOV H0E70 D8120
M8000
8
MUL D4 K100 D80
CMP K0 D4 M400
K5
T13
M8000
M70
MOV H5 D63
MOV H30 D63

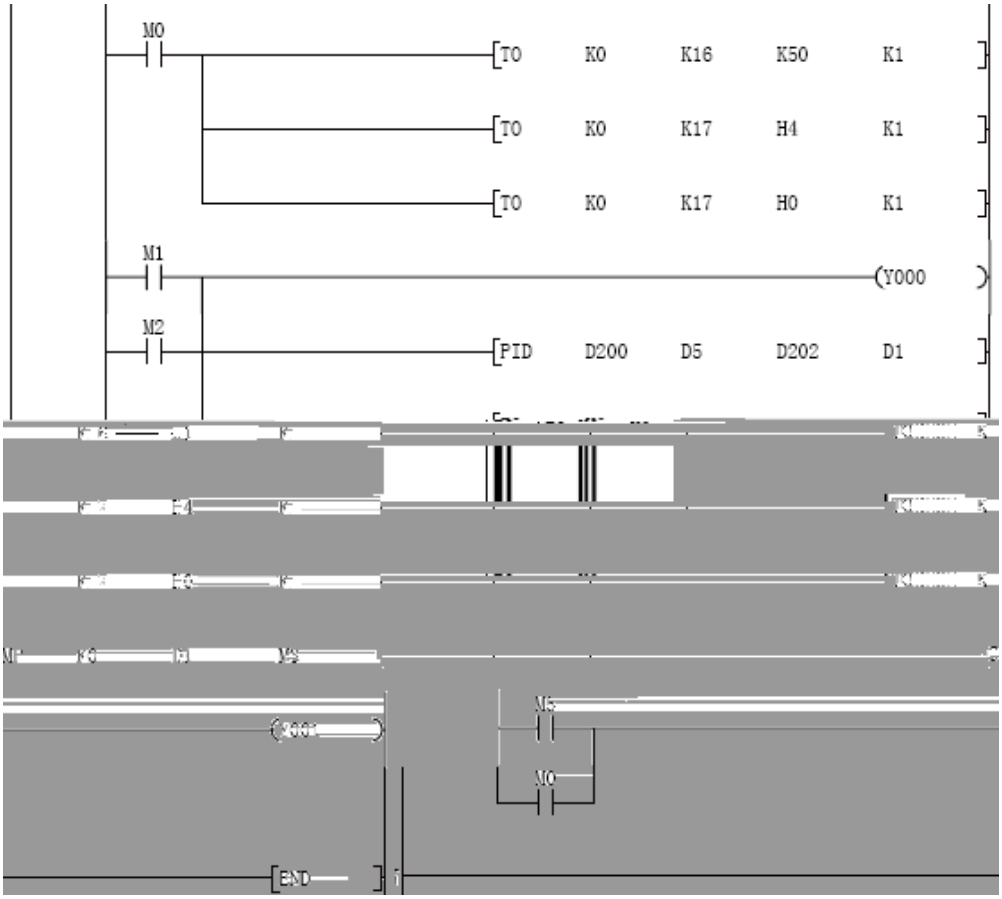

MOV H31 D62
MOV H46 D63
MOV H41 D64
MOV H32 D65
MOV H30 D66
MOV H32 D67


T10
100
MOV H5 D60
MOV H30 D61
MOV H31 D62
MOV H45 D63
MOV H45 D64
MOV H32 D65
MOV D30 D66
MOV D31 D67
MOV D32 D68
MOV D33 D69
MOV K12 D74
CALL P0
SET M8122


161
M70
MOV H5 D60
MOV H30 D61
MOV H31 D62
MOV H46 D63
MOV H41 D64
MOV H32 D65
MOV H30 D66
MOV H30 D67
MOV K10 D74
CALL P0
SET M8122
213
M8123
RST M8123
216
FEND


P0
217
M8000
RST Z1
RST D16
SUB D74 K3 D15
232
FOR D15
235
M8000
ADD D16 D61Z1 D16
INC Z1
246
NEXT
247
M8000
ASCI D16 D61Z1 K2
255
SRET
256
END


M10
0
MOVP K125 D200
MOVP K2000 D202
MOVP K1 D203
MOVP K0 D204
MOVP K10 D205
MOVP K200 D206
MOVP K0 D207
MOVP K0 D208
TO K0 K17 H0 K1
TO K0 K17 H2 K1
FROM K0 K0 D5 K1
CMP K110 D5 M0


M0
TO K0 K16 K50 K1
TO K0 K17 H4 K1
TO K0 K17 H0 K1
M1
Y000
M2
PID D200 D5 D202 D1
M0
END

- **A THPLC-D**
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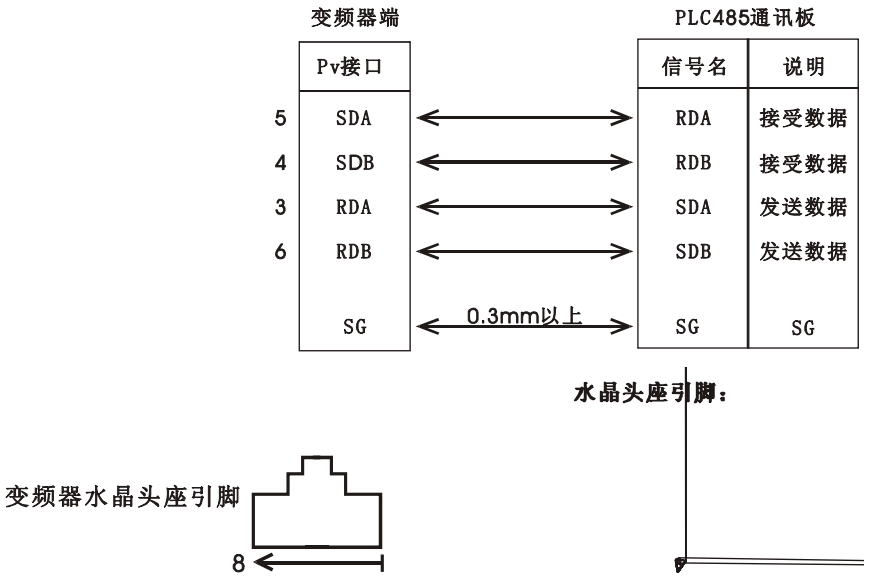
## ● B THPLC-D

PLC

PLC(Fx-2N) 485BD




| | |
|---|---|
| Pr30 | 1 |
| Pr79 | 0 |
| n1 | 1 |
| n2 | 48 |
| n3 | 10 |
| n4 | 0 |
| n5 | - - - |
| n6 | - - - |
| n7 | - - - |
| n8 | 0 |
| n9 | 0 |
| n10 | 1 |
| n11 | 0 |

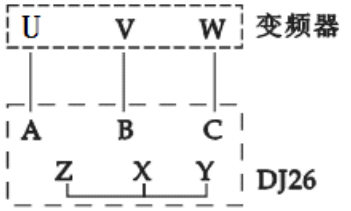
n1 1 1

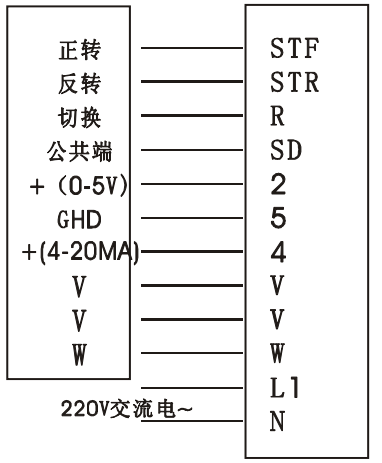
n2 48 4800

n1 n10 0 PU

PU n n10

U V W DJ26 A B C
Z X Y




GX

1 Gx7.0

570-986818410

Gx7.0-c\SW7D5C-GPPW-CL\SW7D5C-GPPW-C\QSS_Support\Setup.exe

2

GX (bianpintontxun) PLC

( PC PLC ) bianpintontxun Gppw.gps

PLC

( )

( )

M70

/ D80

M70 ON

M70 OFF

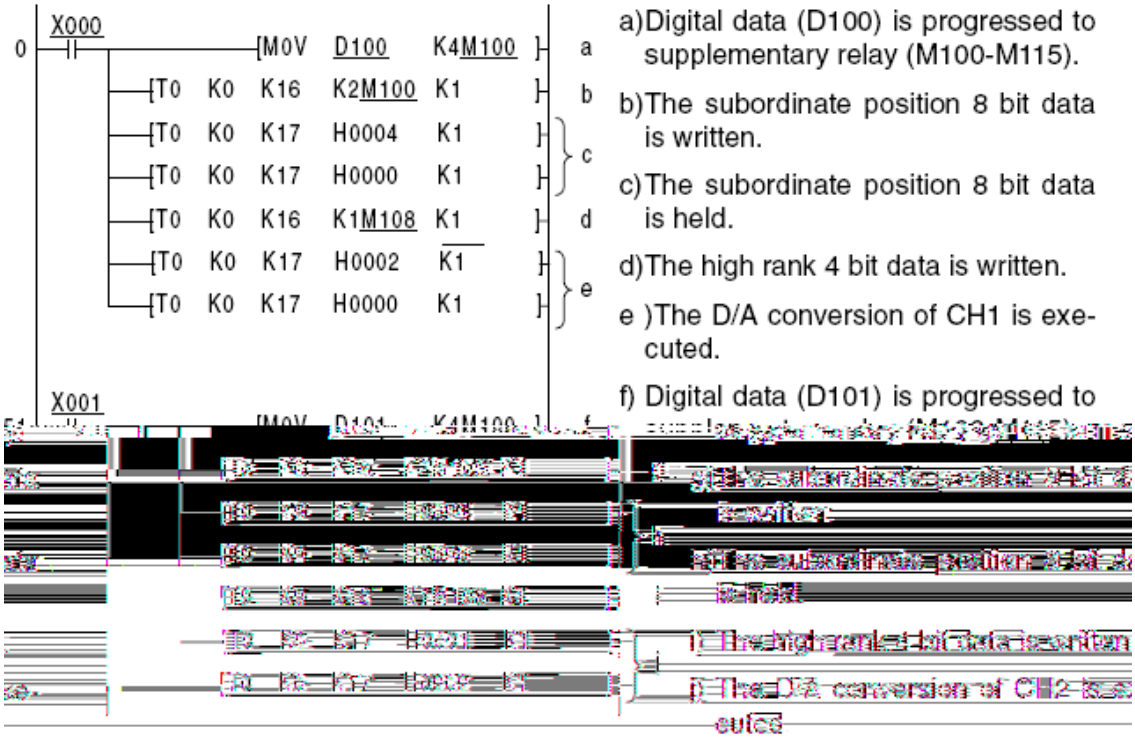
D80 ( D80=8000 80Hz)

D80

M70 OFF Pr.75 14 stop/reset

1 THPLC-D THPLC-C

THPLC-C

2 bianpintontxun GPPW.GSP

● **B 2DA FX2N PLC**