PWR
ON
OFF
KCFA
AMD530B-2D781-0000
EtherCAT
高速总线步进驱动器
说明书官网
输入电压DC：24-75Vdc
输出峰值电流：8.1A
注意事项
• 使用前请详细阅读本产品说明书
• 增量式编码器【支持Z信号回零】
• NC不能接任何电气线路
• DI1~DI5共COMI端口，支持电平【12-24V】
• DO1~DO2共COMO端口，支持电平【5-24V】
• 驱动器上的5V不能给外部电气供电
警告！电源正负极不可反接，禁止热插拔
IN
OUT
COMO DO2+
RS485- DO1+
RS485+ NC
COMI DI5
DI4 DI3
DI2 DI1
NC NC
NC NC
ENCZ+ ENCZ-
ENCB+ ENCB-
ENCA+ ENCA-
5V GND
A+
A-
B+
B-
GND
+VDC

oÔEn-Õ

1.1
1.2
1.3
1.4
1.5

2.1
2.2
2.3

3.1
3.1.1
3.1.2
3.1.3
3.2
3.3
3.4
3.5 / IO
3.6
3.7 EtherCAT
3.8
3.9

4.1

q

q

l¬ nö l` '#A8 ^p

1.1

1.2

1.3

1.4

1.5

nöo³H#A@ù.§

nöo³n÷WE a.ï

nöo3aØwZt4Ž

AMD ___ B - _ D _ __ - ____

5 6 7

5		
6		
7		

l¬ n÷ l` * WE

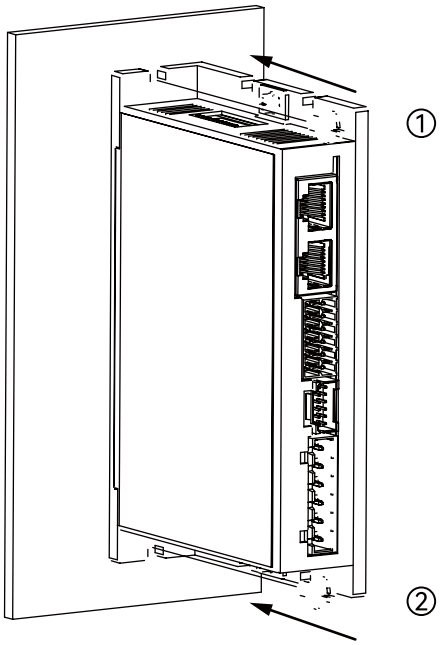
2.1

2.2

2.3

n÷o³nWEJû& Ž49'"‘

n÷o³nWE)Ô*o*x



l¬ nø l` 2%M? Ž^^2%

3.1

3.1.1

3.1.2

3.1.3

3.2

3.3

3.4

3.5 / IO

3.6

3.7 EtherCAT

3.8

3.9

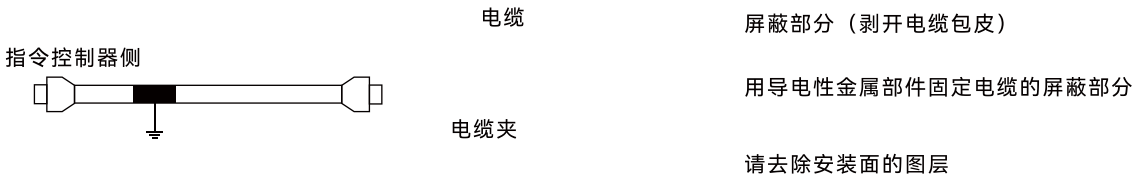
nøo2Ÿ6M?4vE ;h/• fù

[redacted]

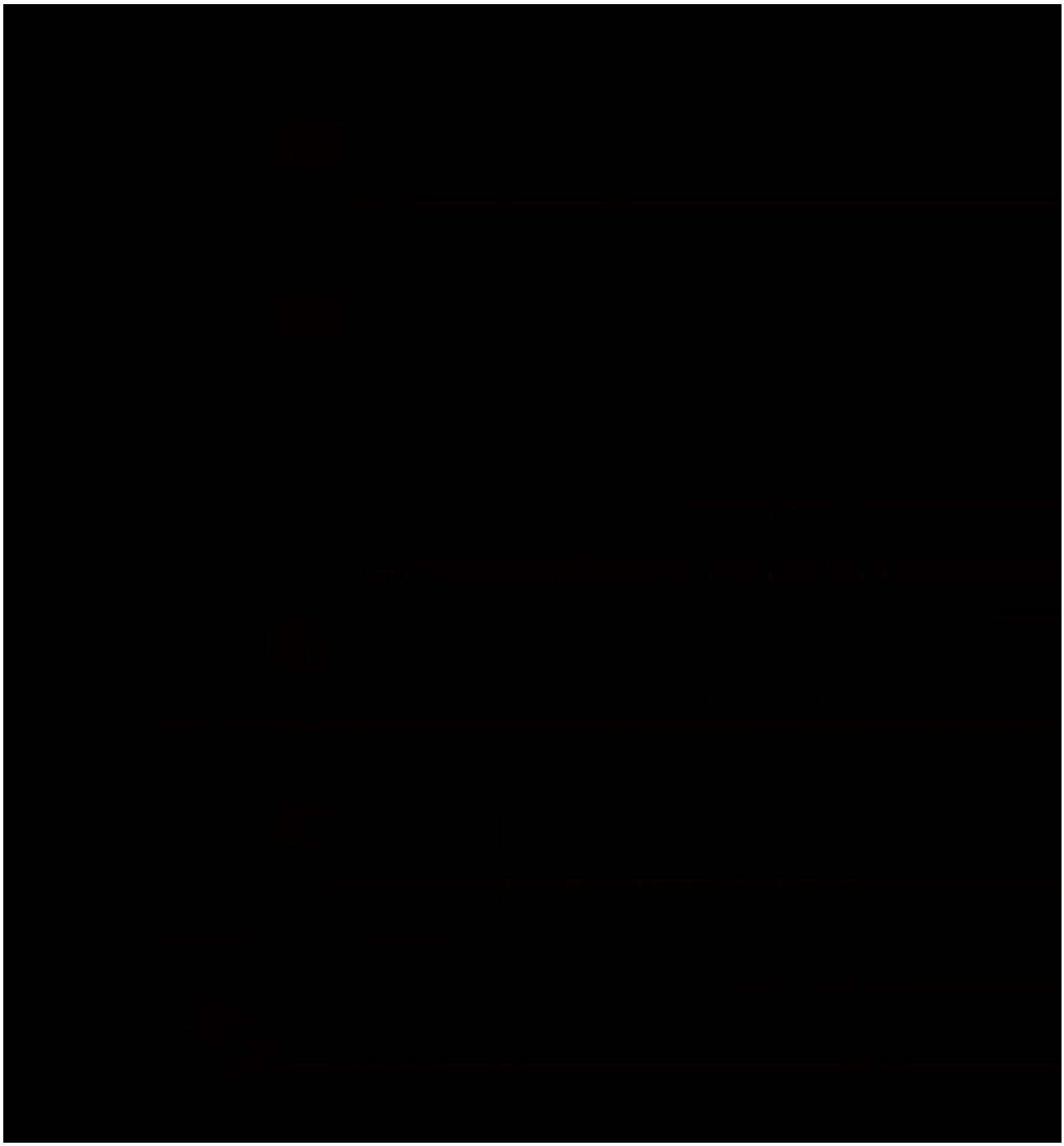
Cµ5º6Æ66E 2%%°0–Cµ5ºE 2%%°

^ å^ z a"wC¨CµM† - zB0$êfs4v

CµM†E %z*



nøoâz5¬^^2%%~



nøo³mÿ(¢èA6.•1‡Gº>ï

nøo¹mþF•-€ ó

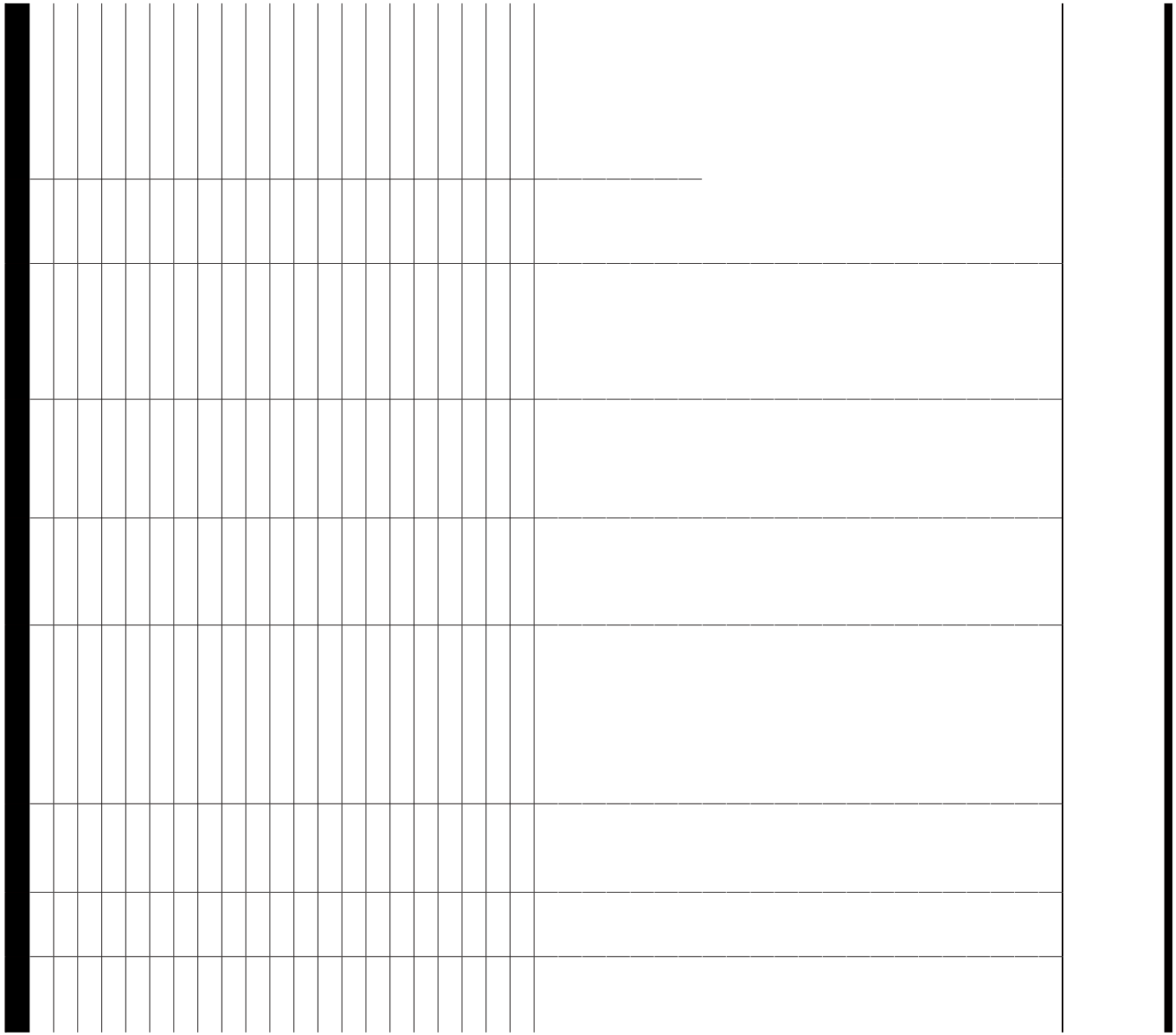
...	...	...	...	...	...	...	

l¬ nù l` A ; \ E n E =Z ƒ ZU]ï v

4.1

4.2 ESI

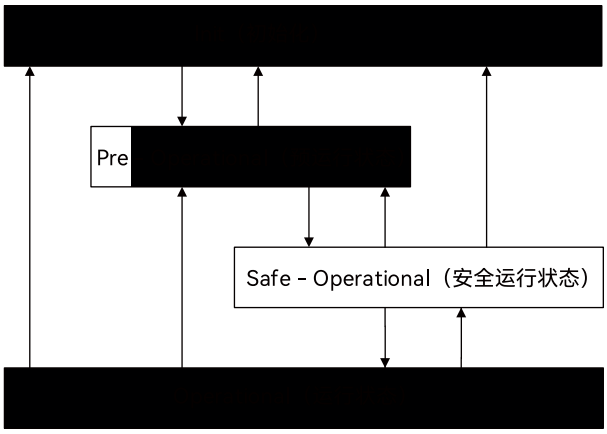
在线机型选择
选择伺服单元机种
D3E
X2E
X3E
X5E
X6E
J3
X3T
X5-25Flange
D5E
X4E
STEPPER
X3EA龙门同步
X5FA龙门同步
X6FA龙门同步
非标
Select STEPPER
确定
取消



l¬ nú

núo3hdK

núo3XE96¼


Pre
Safe - Operational（安全运行状态）

[redacted]

[redacted]

núo³[redacted]9å8¡-•

[redacted]

[redacted]

[redacted]

nûo³mõ(K{M_^P!(9åi$

nûo³nÐ nùnõn÷A6.•5º

开始
（开电

5			
6			
7			

nûo2nø¡8¡-•E Z>*

6			

nûo3N Ü8¡-• ‹E ñ"ŒZ>*

							5

×

*

**

6					
5					

7	
6	
5	

×

							—
						—	—
						—	—
						—	—
						—	
						—	

p p Ex ó"B3ð

					—	
					—	
					—	
					—	

*1)

				—
				—
				—
				—

p €p!ø}2O^p

限制功能实现

限制功能实

p p Ex ó"B3ð

					—	
					—	

*1)

				—
				—
				—
				—

A

B ( )

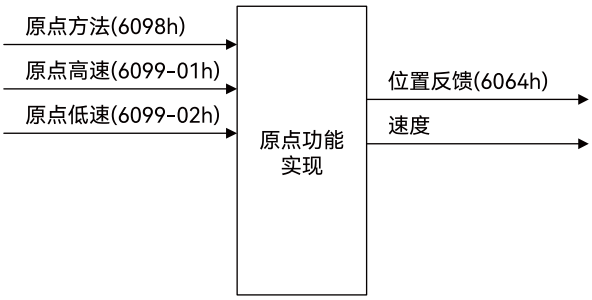
C ( )

*1) 8

*2) 12 (6040h) 5 4 (6040h = 0x2F/4F)

*3) 15 12 PP

p €p!ɑƐ}2O^p



p p Ex ó"B3ð

					—	
					—	
					—	

*1)

				—
				—
				—

*1) 8

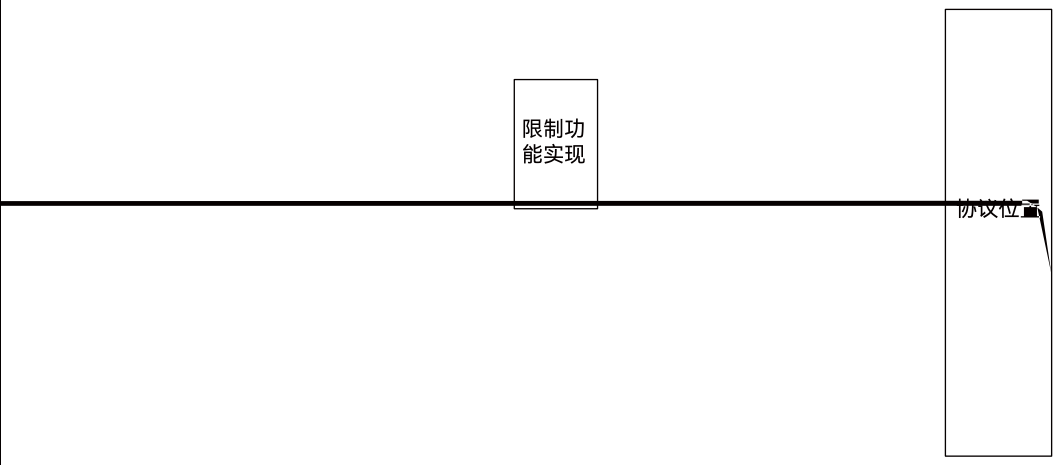
*2) 10 12

*3)

p ‰pAo³ 8¡-•c™Zo ÍXf"Q5á v

nûo³ŸÜ+&2' ¶8¡-•p ~ ©p

p €p!ɑ9}2O^p



*1) PV

—PV

PV

1 6060h 3 6061h 3 PV

2 60FFh 6083h 6084h

l¬ nü l` ,¸C¨! O}

7.1 DO

7.2

¾ (Õ ÿC¨2"c ! O}oä9åi$(‹oâ

l¬ ný l` *yZá)× ø

8.1

8.2 0x1000

8.3 0x2000

8.4 0x6000

nýo³ŋyZá)× øMS6

nýo³ŋyZáMDnõ ‘nönõnõnõ †_Í €XH

						6	
						5	
						7	
						7	

nýo³ŷ¤ZáMDnõ ‘n÷nõnõnõ †_Í €XH

							–

—							
							—
							—
—							
—							
—							
—							
							—
—							
							—

							—
—							

						55	—
—							

							—

							—

							—

							—

						5	

						5	

						5	

						5	

							—

—

							—

—

nýo³ŋŽáMDnõ ‘nûnõnõnõ †_Í €XH

							—

—

							—

—

							—

—

							—

							—

—							
—							
—							
							—
—							
							—
—							
							—
—							
							—
—							
—							
—							

—							

							—

							—

					—	—	
—							

					—	—	
—							

					—	—	
—							

					—	—	
—							

							—

							—
—							

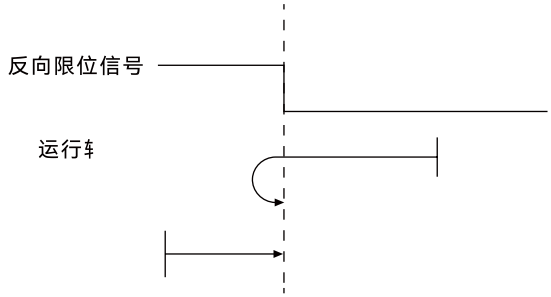
							—
—							

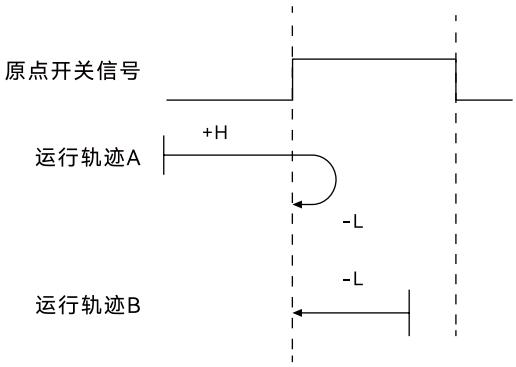
							—
—							

l¬ nþ l` %^" 49-•

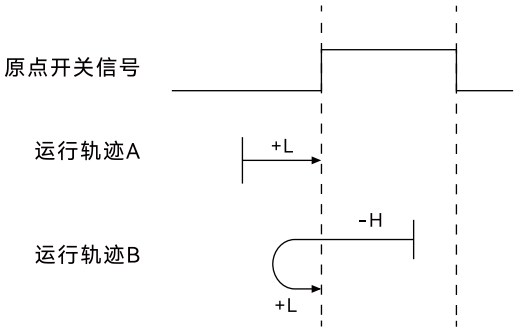
9.1 15

%^" 49-•nönüoâ e"M"'dÐ Í a"w%^" p nûnõnþný p nönüp

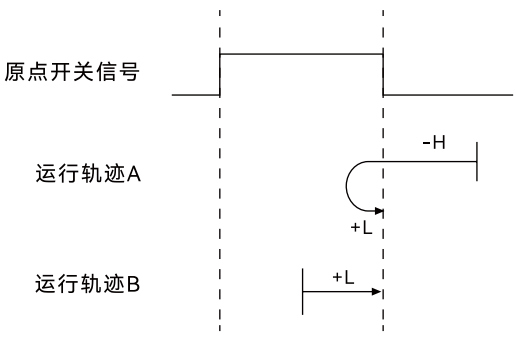




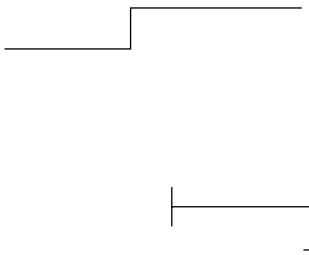
%^" 49-•n÷nõoâ e" ?9 a"w%^" p nûnõnþný p n÷nõp



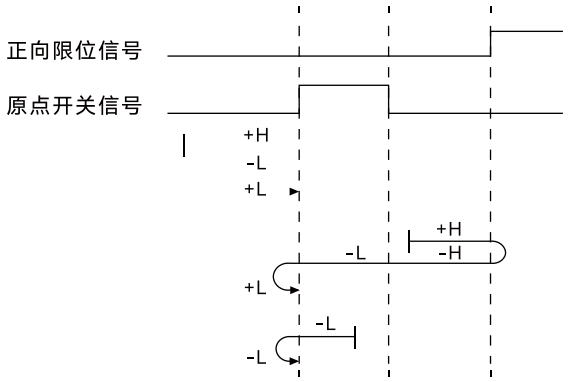
%^" 49-•n÷nöoâ e" ?9 a"w%^" p nûnõnþný p n÷nöp

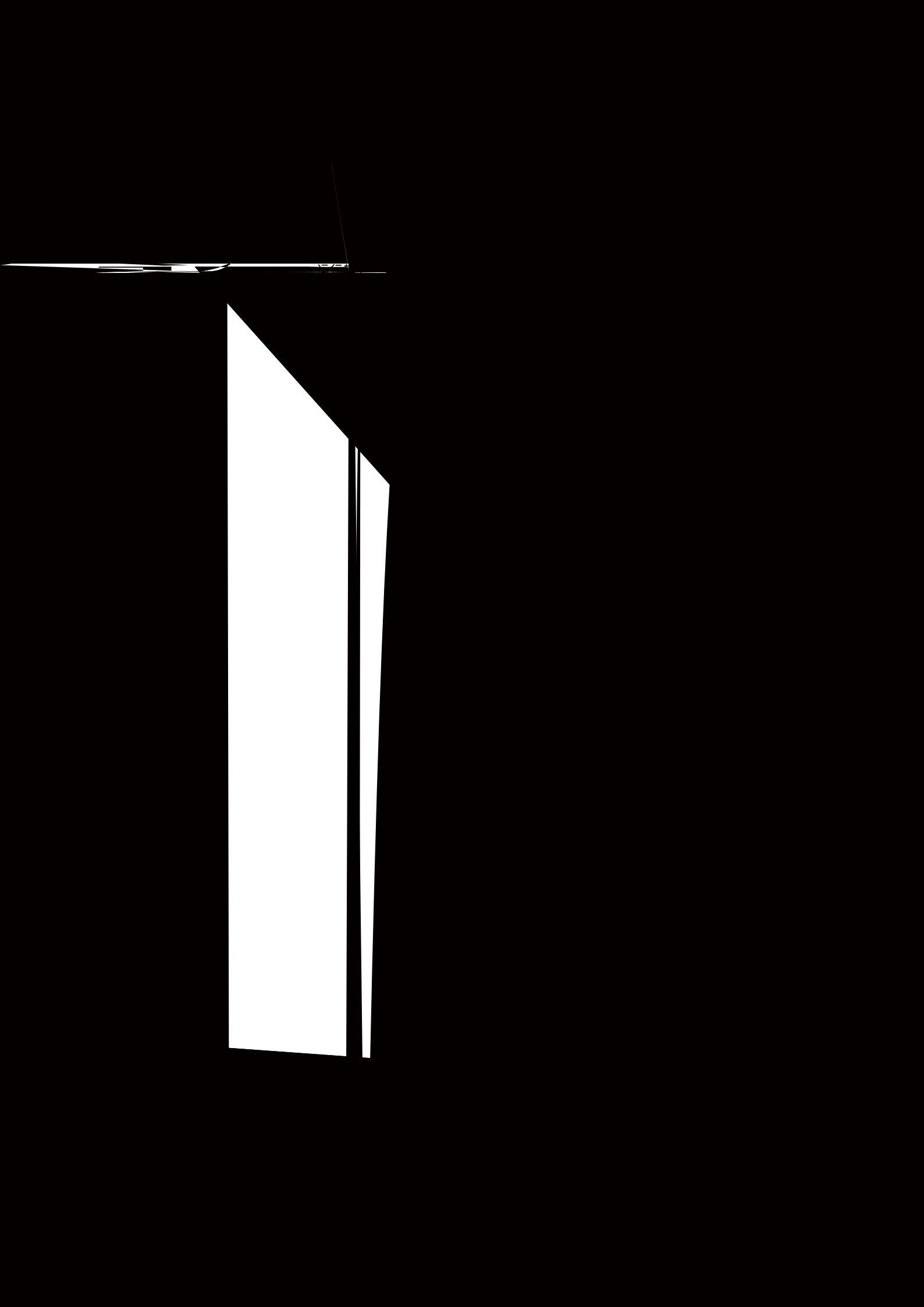


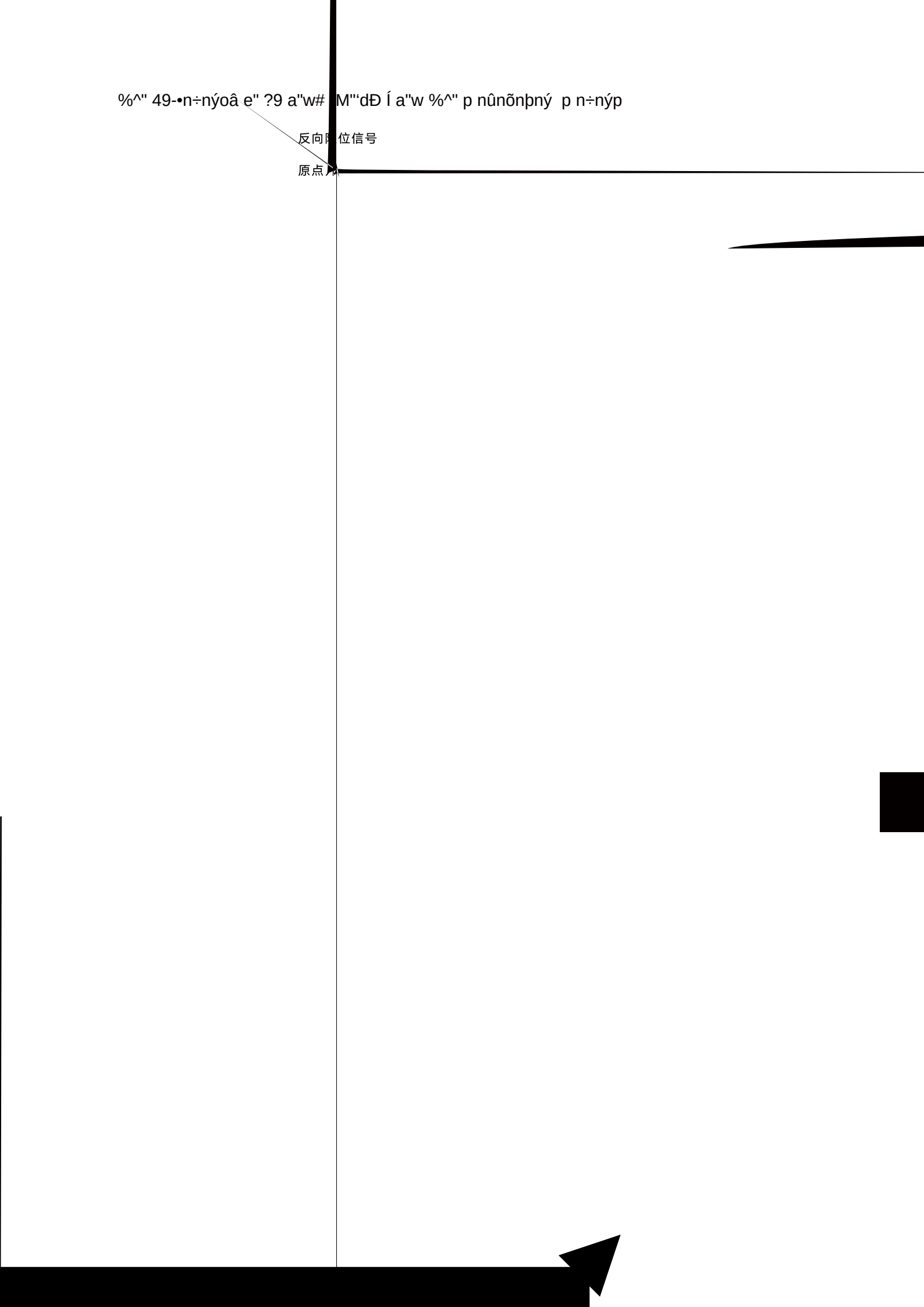
%^" 49-•n÷n÷oâ e" ?9 a"w‰^" p nûnõnþný p n÷n÷p ^" !'"† À ‘ A• p qã3åqå1èi) i!"Ž„Ì (H)QÌga@5BqB`–qÙg•a



%^" 49-•n÷nùoâ e" ?9 a"w# 9ã"'dĐ Í a"w %^" p nûnõnþný p n÷nùp






%^" 49-•n÷nýoâ e" ?9 a"w# M"'dĐ Í a"w %^" p nûnõnþný p n÷nýp
反向限位信号
原点

%^" 49-•nønõoâ e" ?9 a"w# "M"‘dĐ Í a"w %^" p nûnõnþný p nønõp

反向限位信号

原点开关信号

运行

I¬ nönõ I3Åe '„B†