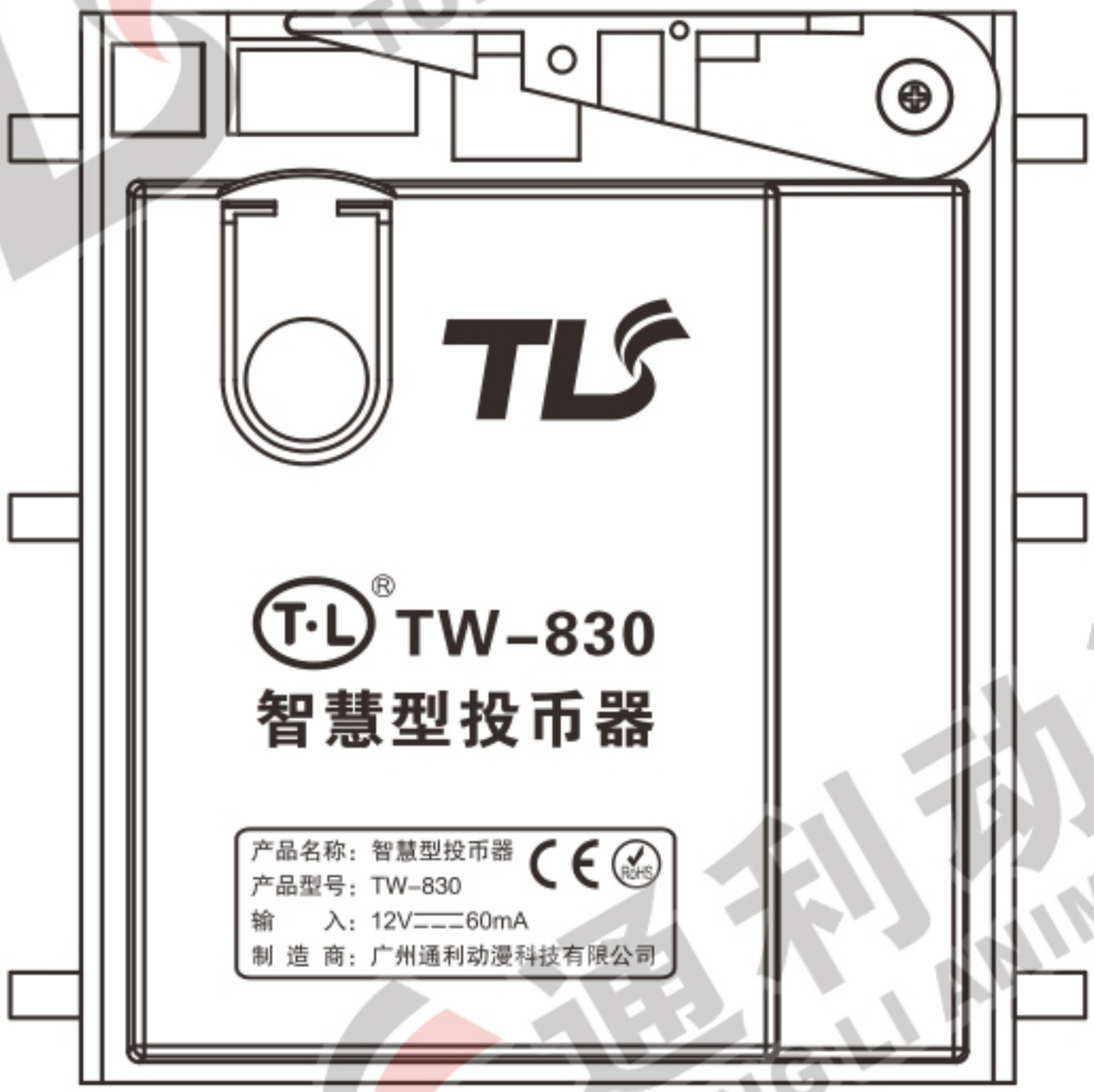
通利
源于1991年

用户指南

Revision: 17-05-05



TW-830(直立式)

※此产品仅游戏类代币适用，不支持流通货币使用。

注：如需环保产品需另行订购

- **谢谢您购买**
- **在使用前，请务必阅读此说明书。**

一、产品规格：

工作温度:-15℃～+50℃

硬币直径:22mm～28mm

硬币厚度:1.7mm～2.2mm

工作电流:60mA±5%～1.3A±10%

COIN信号输出:O.C(集电极开路)形式

二、产品特点：

1.超强的识别能力，有效防止伪币。

2.CPU程序控制，计分准确。

3.直立式投币，投币快速顺畅。

4.具有学习功能，可自行设定硬币。

5.特设精准/正常/放宽档，投币更顺畅。

三、使用说明：

1.配合机台规格，选择N.O.(常开)线/ N.C.(常闭)线的其中一条作为信号线。

2.配合主机板需要，切换COIN信号时间开关：快档（20ms），中档（50ms）适用于一般的机台，慢档（100ms）适用于娱乐机台。

3.如过币不顺畅，调整精度开关的档位，或重新取样币设定。

四、设定说明：

1.通电后，长按设定开关，直到红灯LED亮。

2.取20个样币，依次每个间隔0.5-1秒投入投币器。

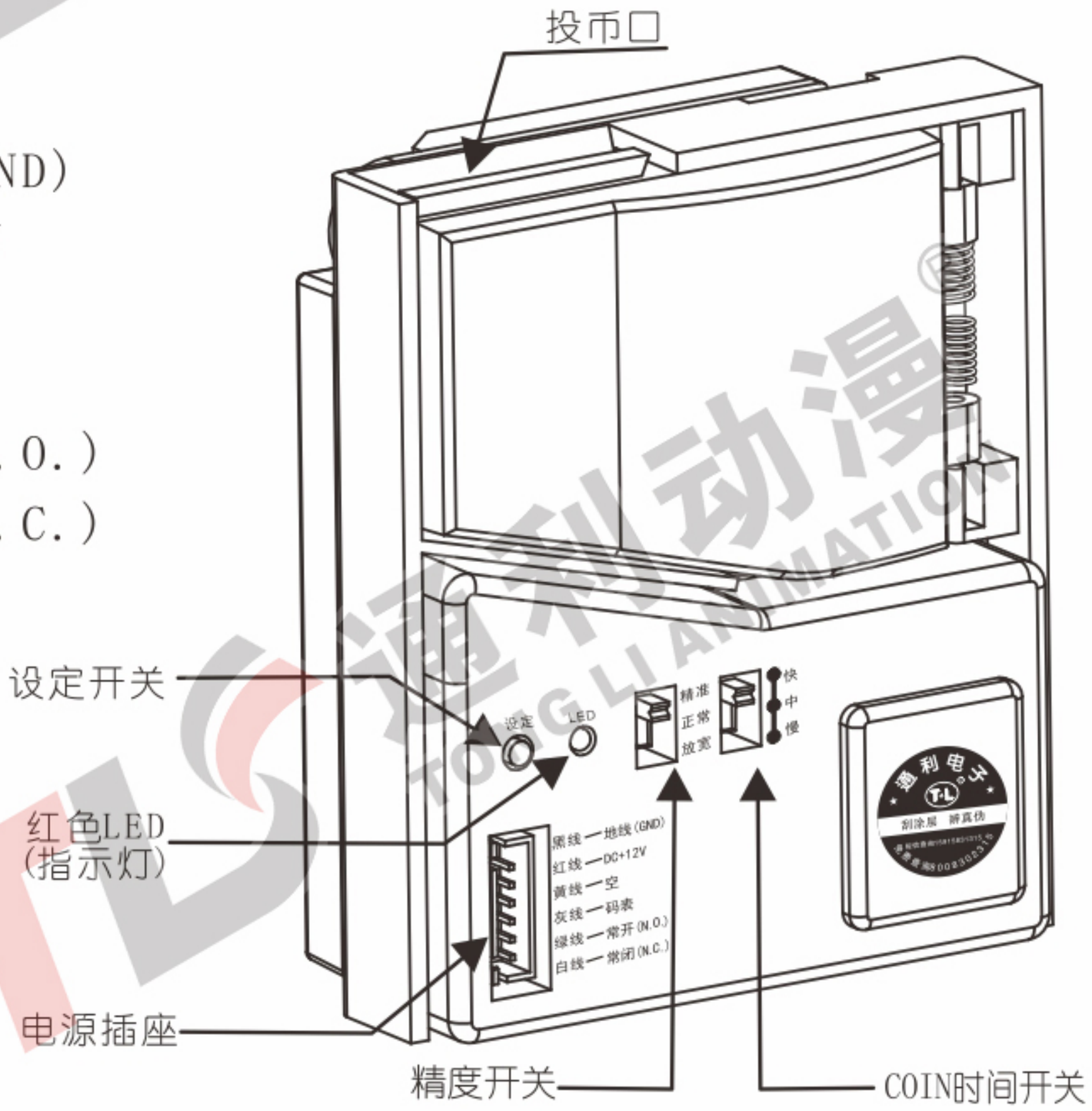
3.20个样币投完后，红灯LED熄灭，即设定完成。

五、常见故障处理：(如下表）

序号	常见故障	处理方法
1	投币不计分	1.信号线没连接 2.接线不正确 3.电源插座是否接触不良 4.电脑板没接上拉电阻 5.信号线选择极性不正确 6.调整COIN时间开关。
2	吃币现象	1.调整COIN时间开关 2.出币口过币不通畅
3	投币不顺畅	1.调整精度开关2.电源12V偏低太多3.取样币重新设定
4	不过币	1.电源插座没连接,接触不良 2.接线不正确3.币道中有杂物 4.取样币重新设定
5	过假币	1.重新取样币设定 2.精度开关拨到精准档

六、接线说明:

- 黑线——地线(GND)
- 红线——DC+12V
- 黄线——空
- 灰线——码表
- 绿线——常开(N.O.)
- 白线——常闭(N.C.)



※ 注:请将本说明书放在机台内,方便使用者更清楚了解使用方法。

官方网址：www.tonglianimation.com

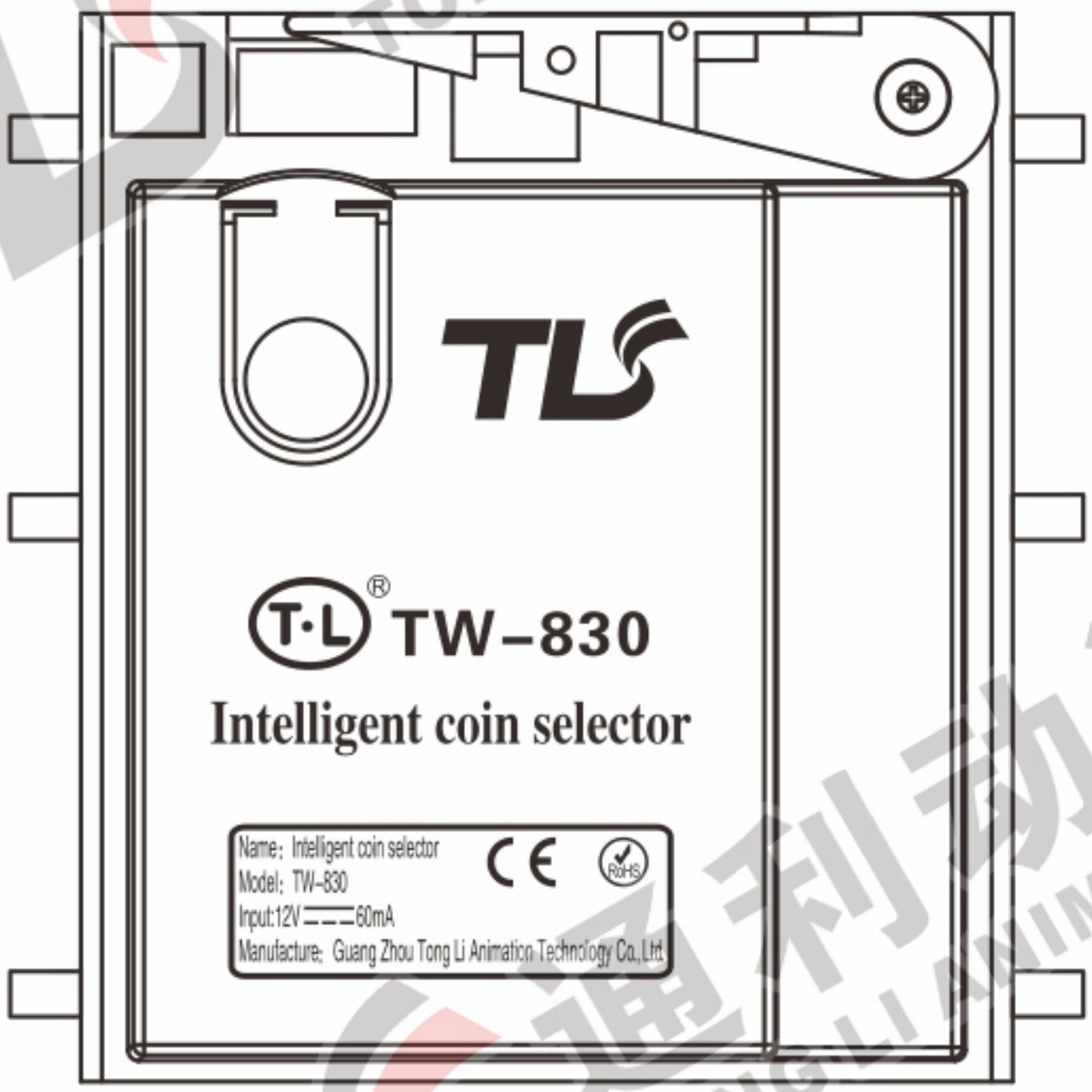
通利动漫®
TONG LI ANIMATION

制造商：广州通利动漫科技有限公司
地址:广州市番禺区东环街迎星东路143号星力动漫产业园H19号

TONG LI
Founded in 1991

User Guide

Revision: 17–05–05



TW–830(Vertical type)

※THIS PRODUCT IS ONLY APPLICABLE TO GAME TOKENS AND DOES NOT SUPPORT THE USE OF CIRCULATING CURRENCIES.

Remark:CE and Rohs certified models are optional.

- **Thanks for your shopping**
- **Please read the user's manual before use**

1. Product specification:

Working temperature：–15℃~+50℃
Diameter of coinr：22mm~28mm
Thickness of coin：1.7mm~2.2mm
Working current:60mA ± 5%~1.3A ± 10%
Coin signal output：O.C.(open collector)type

2. Product characteristics:

1.Super recognition ability, prevent the forgery coin effectively.
2.CPU program control and score correctly.
3.Vertical type, insert rapidly and smoothly.
4.Can set by itself on learning function.
5.Special design: "Precise/Norma/Slack" switch, coin can pass fluently.

3. Manual:

1.Choose N.O. or N.C. as signal line according to the specification of the machine.
2.Adjust the coin time switch according to the main board. Fast type(20ms)and Medium type(50ms)are fit for common machine, Slow type(100ms)suits for Amusement machine.
3.If the coin can't pass smoothly, adjust the precise switch, or change for another sample coin.

4.Settings:

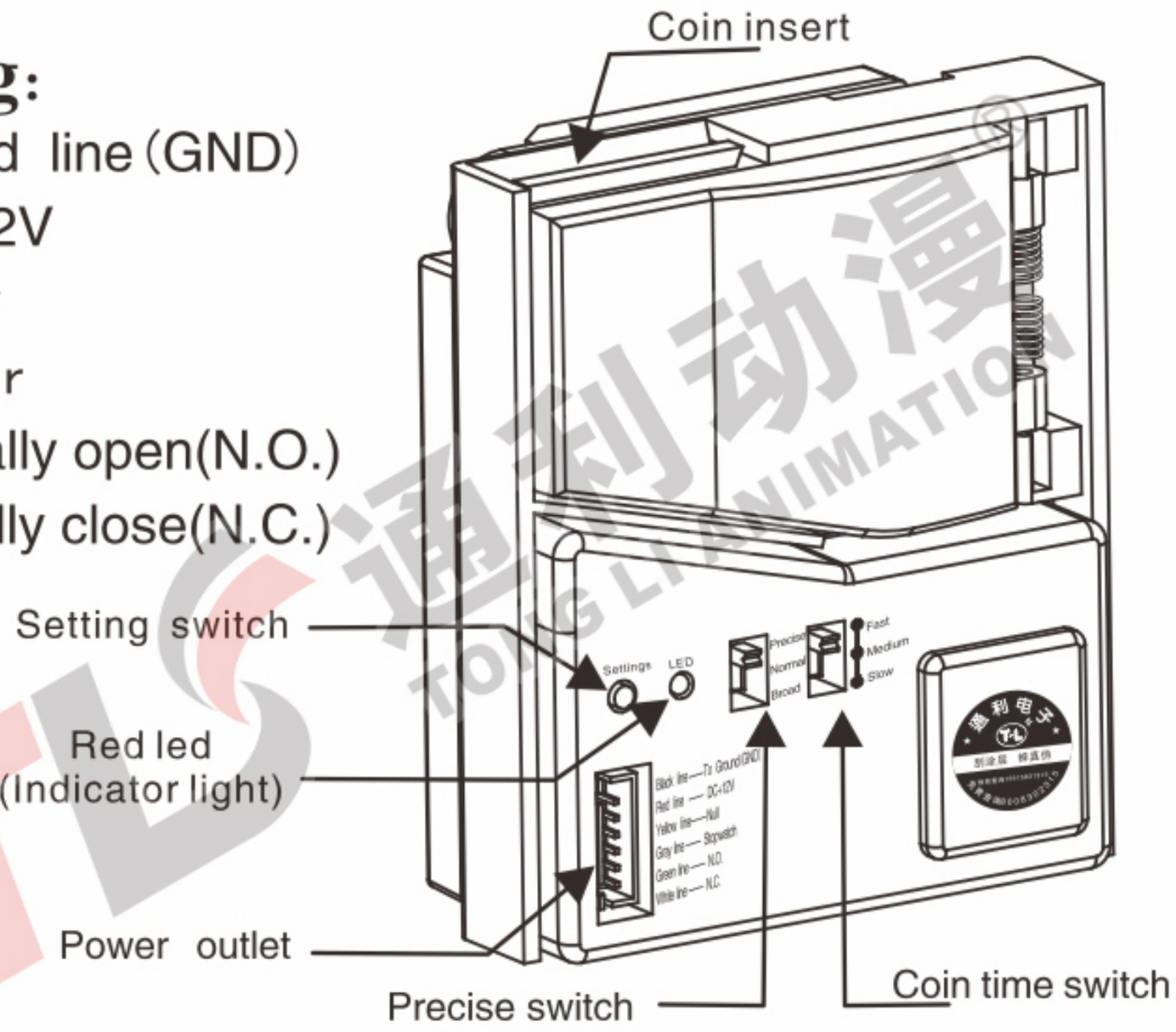
1.Long press the setting switch until the red led light is on after power on.
2.Prepare 20 coins, then insert the coin into coin selector one by one ev–ery half second or one second.
3.Setting is complete when the red led light is off after 20 coins all in coin selector.

5. Common fault handling:

NO.	Normal fault	Method
1	Insert coin but no scores	1.Signal line hadn't been connected. 2.Check the line whether it is connected in right way.3.Make sure the socket is not in a poor contact.4.Make sure the resistance(on PC board) had been connected.5.Check the direction of polarity switch.6.Adjust the coin time switch.
2	Retain coin	1.Adjust the coin time switch. 2.Coin goes out not smoothly.
3	Coin insert unsmoothly	1.Adust the precise switch to normal side.2.The voltage is too low(lower than 12V).3. Change the sample coin for resetting.
4	Coin can't pass	1.Make sure the socket is not in a poor contact.2.Check the line whether it is connected in right way. 3.Check whether there is foreign matter in the groove. 4. Change the sample coin and resetting
5	Pass forgery coin	1.Change the sample coin for resetting. 2. Set the precise switch to precise side.

6.Wiring setting:

- Black line——Ground line (GND)
- Red line —— DC+12V
- Yellow line—— empty
- Gray line ——Counter
- Green line—— Normally open(N.O.)
- White line ——Normally close(N.C.)



※ Remark: In order to be more convenient for user to use the machine, please put this manual indide to package

Official Website:www.tonglianimation.com

TONG LI ANIMATION

GUANGZHOU TONGLI ANIMATION TECHNOLOGY CO., LTD.
Add: H19 Startoon City, Yingxing Road, Donghuan Street, PanYu District, Guangzhou, China
Contact:(+86)20-23885899