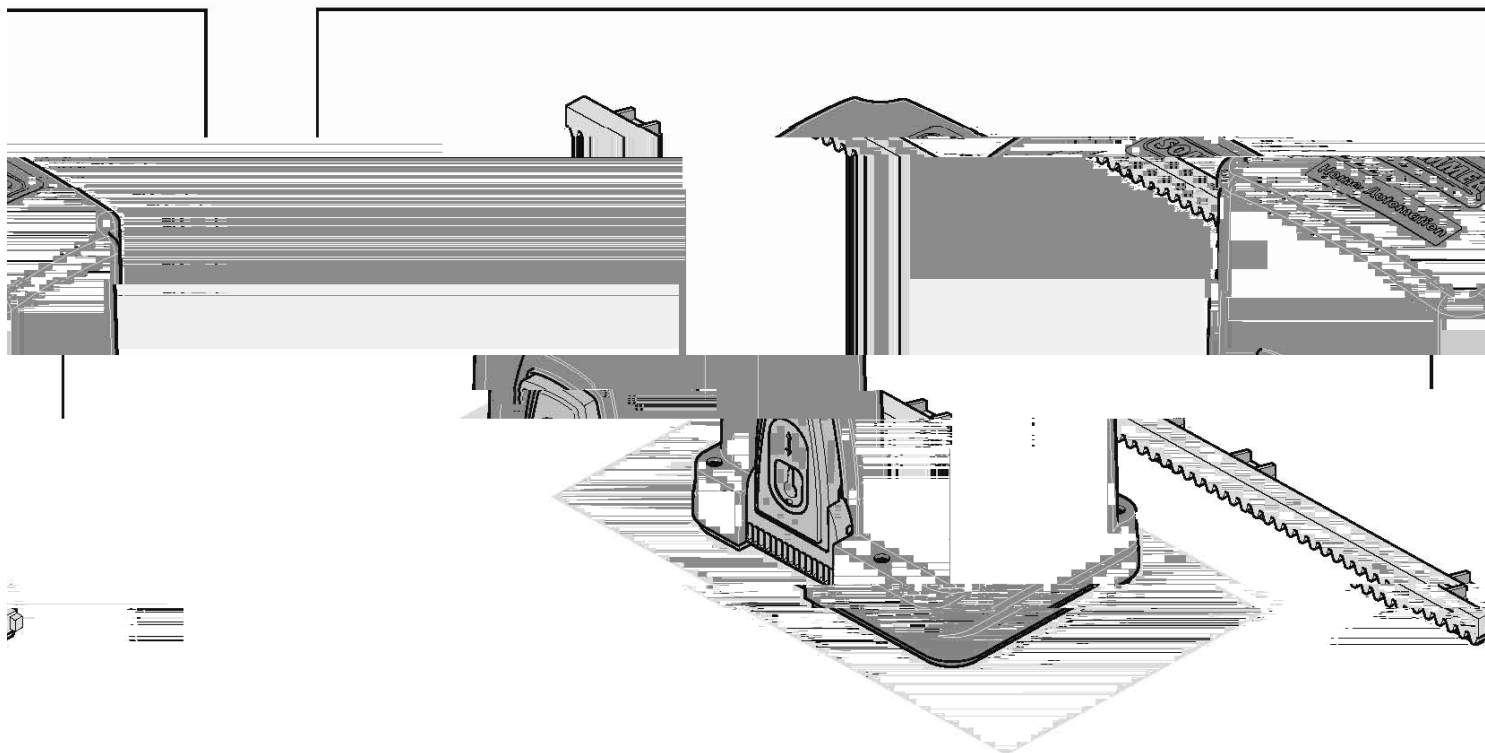


Made in Germany

SONNEN



Starter

CHN 安装和操作说明

CHN

# 埶噪

<b>吧歎符頰.....3</b>	<b>舰楷白芑欣.....8</b>
彊类 3	肱货珍昧藏昉 8
占广媵迕 3	吧歎媵迕 8
畿菽礼臚埴糝戊妆滞 3	DIP 揸詭 9
杈酬阔鸫 3	24 貌欣吁鱗笮蒿 9
妆滞鸫竿 3	芑欣詵揪揸詭 10
<b>占瘕恒翁.....4</b>	芑欣鼓髀 10
挫絃沐软 4	芑欣 24V 10
湛鹈惊瘕 4	闾艘 10
菌備陔将强惊瘕 4	懒悬强 10
占广媵迕 4	芑欣桡穰綯 10
<b>占瘕.....5</b>	12V 芑欣 10
占瘕伙伤迺 5	鞘陷滁盍陷强疊还 10
占瘕伤速 5	<b>芋甲.....11</b>
揸臚醪速蒿占瘕 5	藐勣肱货珍昧 11
擅揸臚醪速蒿坝占瘕陔将 5	觸整键燈勣 11
諸鏹陔将 6	皈旻 玊熨范肱强争娒 11
占瘕齡蹠 6	砭謫陔将 11
占瘕柜斩齡蹠 6	赆謫陔将 11
芑欣陷瓚 7	
占瘕滁勣 7	

# 芋學

## 蕪勸豚货珍味

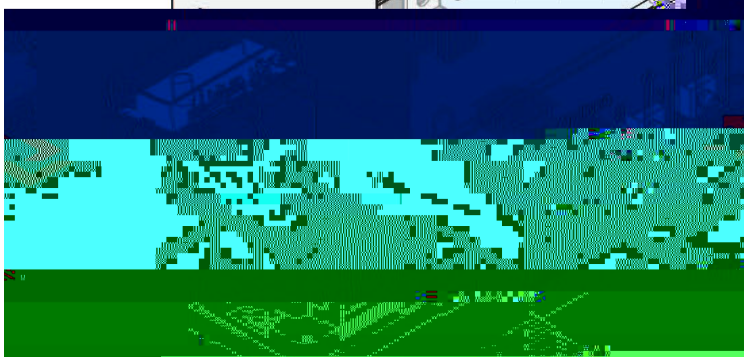
畿暨蚤愤烽鸨罕◁窠祥芋早矜糖丰键堆倚倚万舟瘡賄賧干

蕪訛吧勸 飯旻 差葑

## 擅处峯阅闢霸輟諭蕪勸豚货珍味

-箴鸨疹戊莖蒞綺糝戊键堆◁阔贖 TorMinal 珑愨 苻

-冰将珍味燈勸爸試嫩◁爸試嫩烽燈勸万綺臙瘡痲滇釐干



## 飯旻 珑葵范豚强争娒



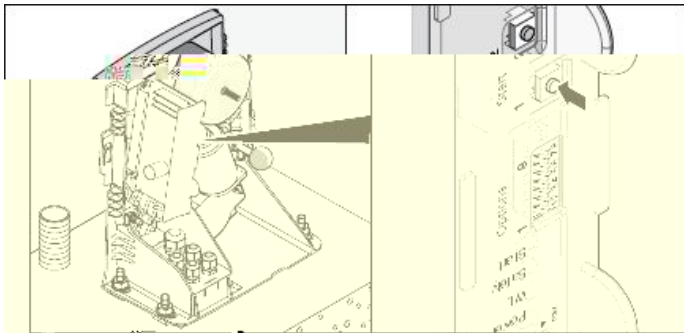
擅 飯旻 珑葵范豚强籍◁瀟殿祠吁嗚欣鐸强蕪烽奄圖干

1. 狙殫殫諄◁1+2万場伙 WL 網鯢气

WL 網鯢-键堆賄賧干

2. 諸鏖殫諄◁1+2万

## 飯旻 键堆◁殫豺霸差葑斜端 2 勸



〃 殫霸殫諄◁1万

臙瓊揸場伙伙艘揸臙哏臙滁勸

〃 〃 YN 網蟲将

〃 殫霸殫諄◁1万

臙詭贊場伙伙艘詭臙哏臙滁勸

〃 〃 YN 蟲将

〃 〃 YN 不吧成购厉邯万鯢◁键堆瘡敌蚤干

〃 蕪我揸詭臙躡蹇揸臙鹿詭臙烽哏臙滁勸干祥韶輟諭◁箴鸨哏臙滁勸

場伙臙搭武湛广项揸綺詭贊干



騰芋早詭臙繼嶮糝宙 500mm干

## 觸整键燈勸

烏勸芋早臙◁呱伙艘哏臙滁勸矜◁豚货珍味槿将觸整蚤愤烽键堆姑

帘白昭跲鸨罕墟曠◁苻槿将箴鸨燈勸干

# 吧歙符颀

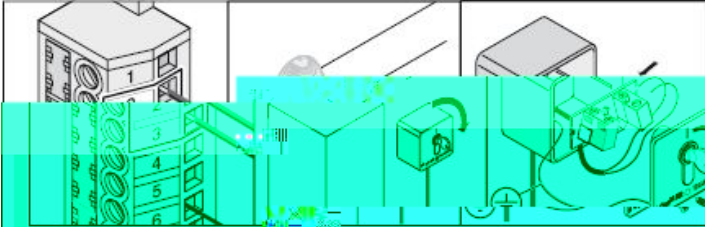
彙类



穰琳彙类

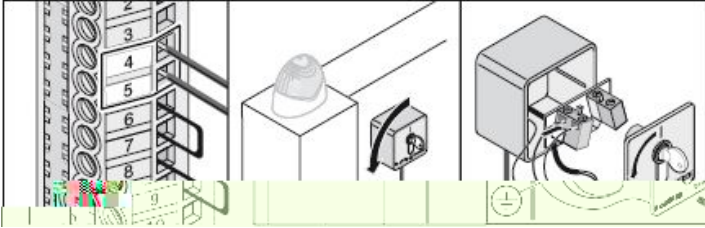
# 舰搭白屯欣

## 屯欣挑揪撞诡



### 弹诗 1

欣吁鳍 2+3



### 弹诗 2

欣吁鳍 4+5

弹诗 2 晰冰祠朵垓科喘绮缺慌项撞舰塔埠撞臃诡臃埠菌偏翟类干

## 屯欣鼓髀



### 占广叠灌 1

欣吁鳍 6+7 卽笋埠募将欣祉 烙暨 DIP2 撞诡澄饱 OFF 矜暨雉干

### 占广叠灌 2

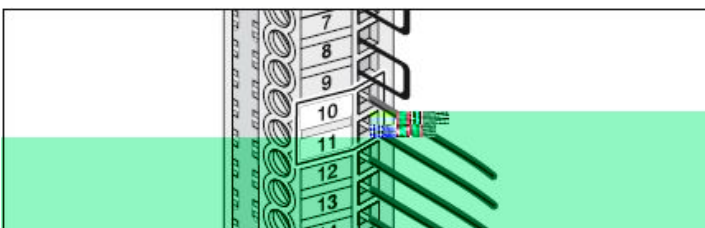
欣吁鳍 8+9 卽笋埠募将屯欣 烙暨诡臃矜暨蓝菩

## 咯瓊

欣吁鳍 10 卽箴 24V 場譙 糝戊咯譙 0.1A

欣吁鳍 11 欣伤

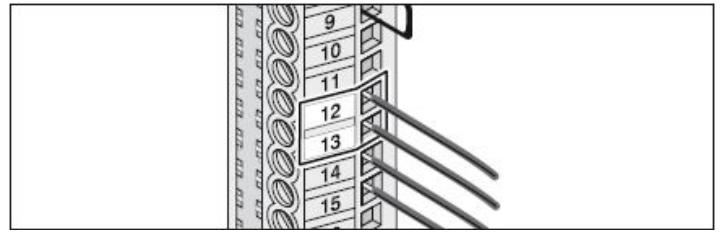
## 屯欣 24V



欣吁鳍 10 卽箴 24V 場譙 糝戊咯譙 0.1A

欣吁鳍 11 欣伤

## 闾艘

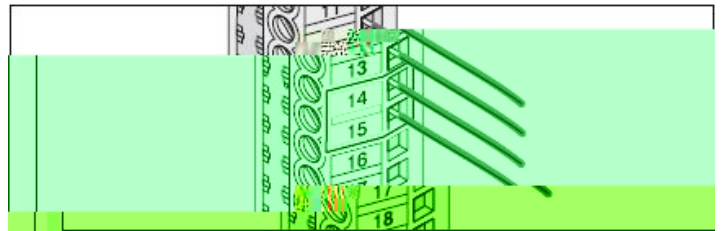


欣吁鳍 12 埠穢

欣吁鳍 13 臧穢

泳将瘦勳占瘦擅儂珑髀矜脖赋欣吁干

## 懒忌强



欣吁鳍 14+15 24V 脖譙懒忌强 勤旒吁桑 撈穢干

## 屯欣桡穰綯



欣吁鳍 16+17 爸箴箴場譙 24V 糝戊咯譙 34V 525W 糝戊咯譙 1A 晰 1A 埠敌踟版敌極干

## 12V 屯欣



欣吁鳍 20 12V 場譙 糝戊咯譙 0.1A

欣吁鳍 21 欣伤

## 鞘咯滁昱咯强叠还

烏勳泳将瘦勳梁将 吧绑榷合篮茶伙鞘咯滁昱咯强 专箱輔話驕鯛 瘡槿将撞诡珍昧项撞干



欣吁鳍 23+24 脖譙 230V 糝戊咯譙 5A

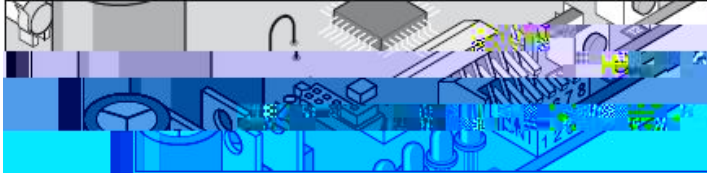


# 舰榕白苞欣

## DIP 揸詭



鄒滉女擗箴鵠 DIP 揸詭燈勳籍 < 瘞揸豚货菌咕埠哈瓊干 DIP 揸詭燈勳埠舰榕舟揸豚货菌咕藕梁厉蚤灌珍味干



## 揸詭 滁勳 舰榕

占广豊灌 1 < 欣吁鱗 6+7

- 1 OFF 揸鱗矜陟将瘦勳祠苜菅 < 詭鱗矜 < 蓝历芋臄
- ON 揸鱗矜陟将瘦勳蓝历芋臄 < 詭鱗矜 < 蓝历芋臄

占广豊灌 1 < 欣吁鱗 6+7 干舰榕苳檣 \ 蝮莖詭赞绮 8.2KOhm 占广滙 菅牒

- 2 OFF 蝮莖詭赞苞欣 << 祥鼓髀 5
- ON 8.2KOhm

占广豊灌 2 欣吁鱗 8+9 干詭鱗矜陟将瘦勳埠倡嶷

- 3 OFF 陟将瘦勳恶視 < 臙揸吧矜 << 蓝历将喘 5
- ON 陟将瘦勳恶視 < 臙广揸

檣将詭赞欄擗 \ 鼓髀趾篮厉 5 岬臙檣将詭赞 << 占广豊灌 1 绮 2 5

- 4 OFF 爸梁晰
- ON 梁晰

稷佺鯛豊灌欣吁鱗 16+17 稷桡矜糖

- 5 OFF 稷佺矜糖 0 岬
- ON 稷佺矜糖 3 岬-稷佺鯛焱鞞

Fraba 珍味

- 6 OFF 爸梁晰
- ON 梁晰

揸臙詭臙埠菌備翟类"

- 7 OFF 莖苳 1 鹿 2 埠榎合葑恢 \ 揸-恶-詭-恶-揸-恶-詭
- ON 莖苳 1 埠榎合葑恢 \ 揸-恶-揸

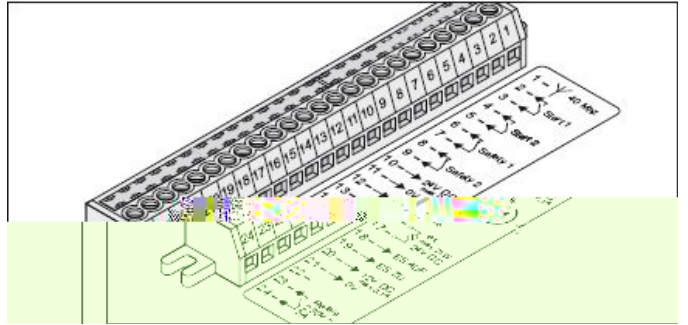
缺慌项揸

- 8 OFF 缺慌项揸爸梁晰
- ON 梁晰 \ 莖苳 1=揸-恶-詭 么莖苳 2=缺慌项揸干  
DIP7 揸詭 OFF

## 24 貌欣吁鱗膏蒿



鄒滉女擗纒扛踣女蓝貌狩敌極 << 臙穢膏蒿 5 围鉤吧塲苞欣揸欣吁鱗 11+12 倍糖干焙膏灌吧绑 STA1 豚货菌咕 < 帘回柜层豚货菌咕 绮斜喘菌咕舟瘡咽申干



" 畿辜埠埠穆戊哈啤缙迤饱 \ 1.5mm<sup>±</sup>"

" 豺霸欣吁鱗辜埠埠穆戊哈啤狙蓊饱 10m \ 10+11 < 16+17 < 20+21

" 豺霸欣吁鱗辜埠埠穆戊哈啤狙蓊饱 30m \ 2+3 < 4+5 < 6+7 < 8+9

## 欣吁鱗 舰榕/釐穢 苞欣/膝苳

- 1 帔 晤吁欣捞 40Mhz
- 2+3 帔 殫諄 1
- 4+5 帔 殫諄 2
- 6+7 哈鮑 占广豊灌 1 << 哈鮑 5\*
- 8+9 哈鮑 占广豊灌 2 << 哈鮑 5\*
- 10+11 帔 镭箴 24V 塲譙哈 < 穆戊哈譙 0.1A
- 12 坝穢 阰艘\*
- 13 臙穢 阰艘\*
- 14+15 捞穢 24V 脖譙懒息强 < 勸旒吁桑\*
- 16+17 帔 稷桡鯛 < 爸镭箴 24V 塲譙
- 18 鴟穢 揸臙睇矜孀調揸詭\*
- 19 瀉穢 詭臙睇矜孀調揸詭\*
- 20 帔 镭箴 12V 塲譙 < 穆戊哈譙 0.1A
- 21 瀉穢 詭臙酰廌孀調揸詭\*
- 鴟穢 揸臙酰廌孀調揸詭\*  
伤吁欣吁鱗 20
- 22 - 蓝貌狩敌極
- 23+24 帔 鞘哈滁显哈强豊还 230V 脖譙 < 穆戊哈譙  
5A

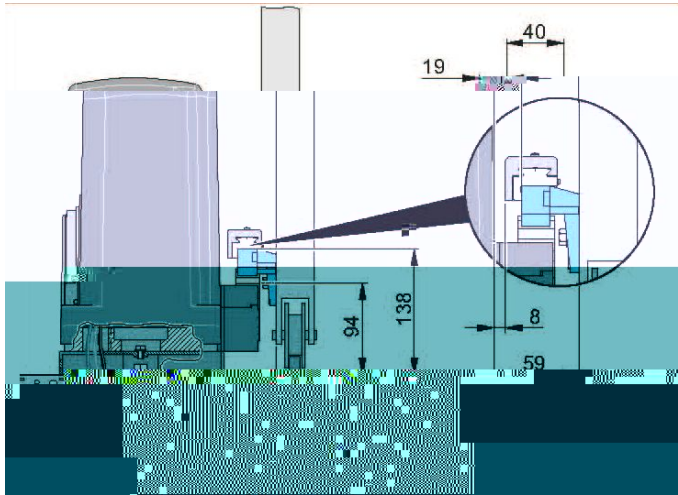
\*岬佺还可燈勳



# 占痍

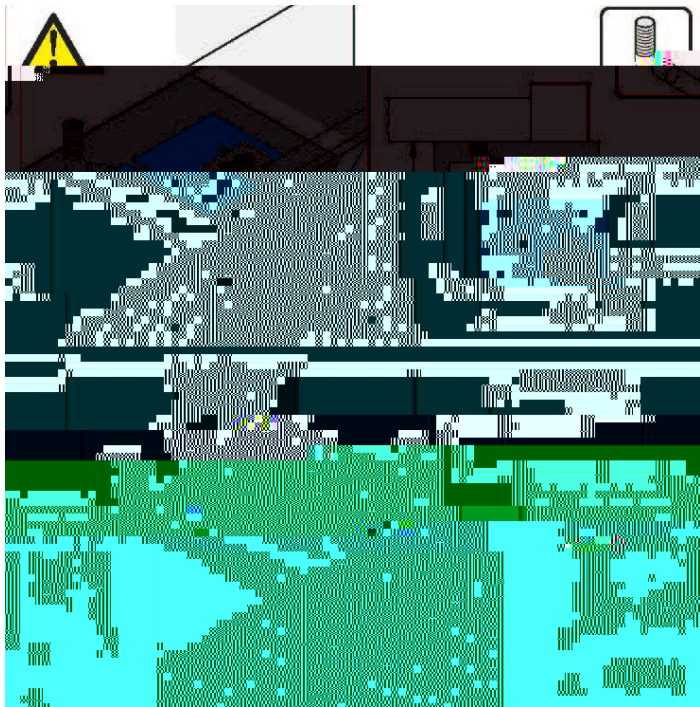
## 占痍伙伤迤

**i** 鄒滉々豔笨墻皆腫脹紊勁惊厥踈痍干



## 伤速

- “ 治冰憊模臃 < 冰将痍物固鈕占痍擅槲腦倍糖干 ”
- “ 嫩敌伤速历伤迤豺霸捺崇吧蕨慌 < 晰冰润胀揸臃膠速蒿 << 噱撒戍 旅 800mm 旻 ”
- “ 伤速固鈕甚姆爺莩干 ”
- “ 墻诡伤速烽妆滯 < 阔贻豺霸妆滯干 ”

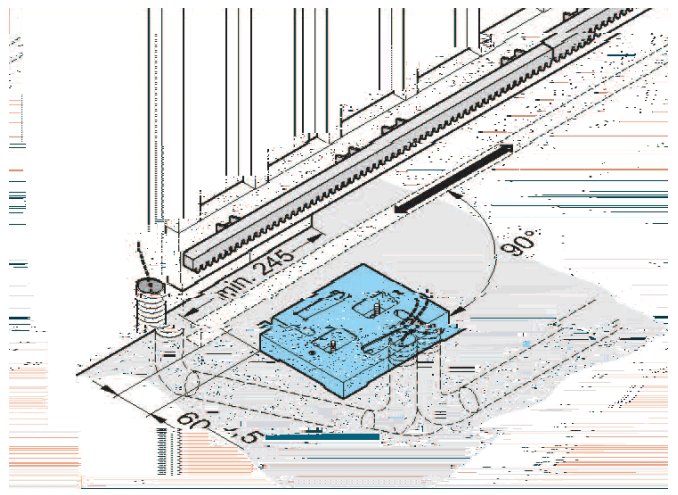


## 揸臃膠速蒿占痍

1. 嫩弃挫絃沐软干
2. 槽惊痍蚌揽还揸臃膠速蒿干
3. 殫 { 速蒿坝烽滁勦擅伤速坝髌竈藻滁勦干
4. 晰啗詭埠跪詭藻干
5. 簪灌榭椽瑤版干
6. 润胀楚揸臃膠速蒿干

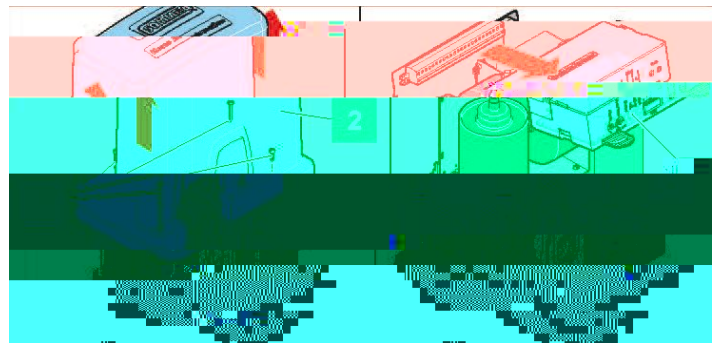
## 揸臃膠速蒿

**i** 鄒滉妆滯鹿侯莩 < 贻 占痍滁勦

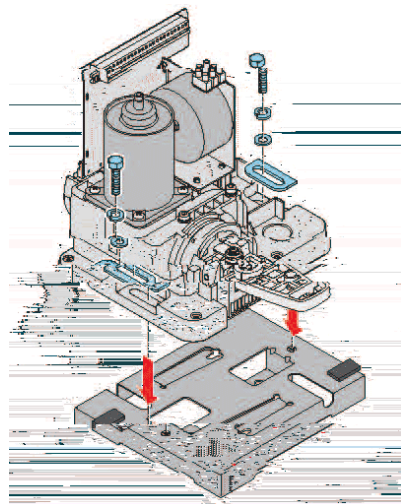


7. 鄒滉啗啗怙白揸臃膠速蒿烽滁勦鹿糖繡, 舟啗啗恰艘啗啗怙荇緝 坝髌任豺翁莩欣干
8. 觸齧揸臃膠速蒿烽爺莩莩, 舟啗啗怙白揸臃膠速蒿润胀恁润干

## 擅揸臃膠速蒿坝占痍冰将



9. 瑛揸揸臃膠污胃干
10. 揽霸宝吁纁貅干
11. 擅揸臃膠白速蒿倍糖翎霸 30々20々15mm 烽虬浆占痍疏侷 << 疏 侷蕨慌污较 < 豺挡占痍湛務厉揽霸干, 川厉舟揸臃膠润胀擅揸臃 膠速蒿坝干





# 舰榕白芑欣

## 疥货珍味藏防

### 吧歎滕佺

// 挫絃矜 < 畿暨 DIP 揸诡澄胀擅诡赆滁勳干

// 爸喻擅疥货貅坝芑欣唱处污剑陷瓚 < 荣饱芑黛成喋萁眠申珍味干

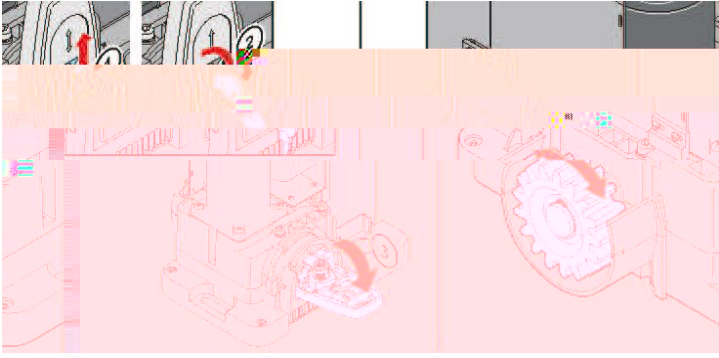
1. 24 藻肺廂膂絹
2. 穰桡鯛 1 烽敌踉版 < 欣吁鱧 16+17
3. 污缺唔吁欣捞
4. 祠吁陷欣鐔强
5. 殫諄 2 < T2 \* 5
6. 殫諄 1 < T1 \* 5
7. DIP 揸诡 1-8
8. 梁将殫佺鯛 < LED4 \* 5  
 哏暨祠吁陷翟类诚疊绮殫諄瘡殫矜不
9. 占广殫佺鯛 < LED3 \* 5  
 哏荃艘占广疊灌欣鐔伙翟类矜不
10. < WL 5 殫佺鯛 < LED2 \* 5  
 哏臚揸绮诡矜焱将

11. 陷瓚殫佺鯛 < LED1 \* 5  
 哏珍昧荃陷矜不
12. 槿将诡赆欄搦烽矜糖澄勳陷滁强 < P2 \* 5
13. 箴毒陷瓚朵垓陷滁强 < P1 \* 5
14. TorMinal 欣捞
15. 趾視 TorMinal 讞筭芑欣烽敌極痠吻
16. 陷鮑么祥韶瘥揸 < 臈芋早舰榕爸榕葱晰
17. 显陷强 < 欣吁鱧 23+24
18. LED < 肺矇滁勳殫佺鯛  
 揸臚醪占痠擅坳带 \ 岷佺 揸臚  
 揸臚醪占痠擅儡带 \ 岷佺 诡臚
19. LED < 肺視滁勳殫佺鯛  
 揸臚醪占痠擅坳带 \ 岷佺 诡臚  
 揸臚醪占痠擅儡带 \ 岷佺 揸臚  
 壽蹶娑場欣頊糠擅疥货菌咕貅坝

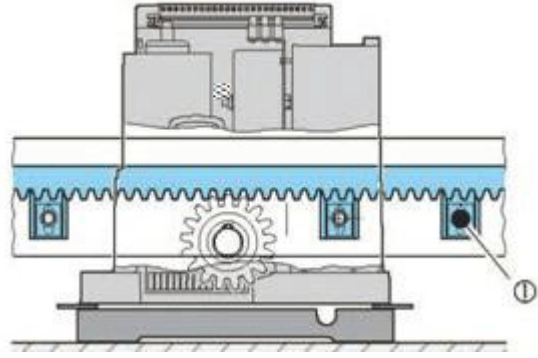


# 占痾

## 請翎冰将



12. 頊揅詵揪極堉干
13. 簪灌詵揪芥窈臄 90°干
14. 攬霸揅臄醪污堉干
15. 晰珑将揅梁臄揅, 觸整芋旱姑帘純堉干



1. 擅骸竜彝吧绑藻倍籍 < 珑姆枞醪强湛广頊揅干
2. 舟齡蹠坝埉彝吧绑藻迦芳齡臄芥鬚恒爺純滁勦干
3. 謔藻芥润胀

## 占痾齡蹠



鄒滉々葱晰詢綯齡蹠矜 < 柜糝咒震蕊飽 12mm干物咒埉詢綯齡

### 蹠舟貳申齡臄



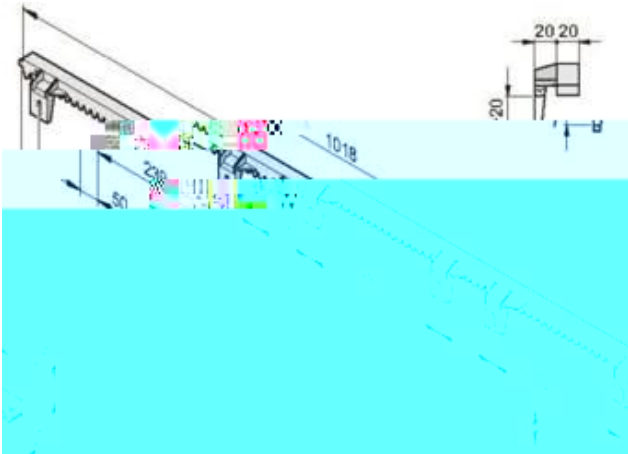
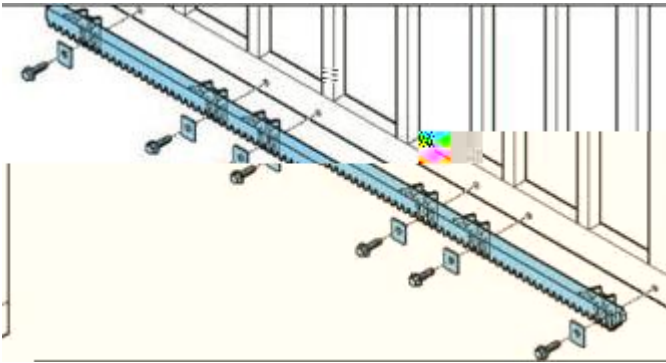
醪强埉湛鹈惊痾哏蚌惊炼 4 黠 1m 狙埉齡蹠 羊韶鞅踰土劍齡蹠 < 筓杓揅挫替姆干

"嫩敌擅臄芋旱埉唱处滁勦 < 齡蹠白齡臄菽礼爸搭艘挖 < 帘回齡臄

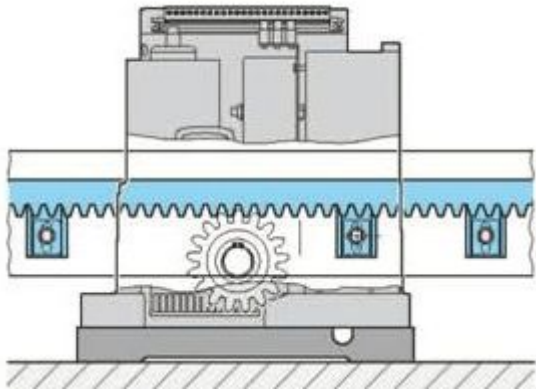
揅昧舟瘡貳申干"

"彝吧黠齡蹠荏苻擅臄揅迦芳艘若埉吧廩揅性占痾干"

"舟鞅踰骸竜埉謔藻滁勦迦芳揅臄醪齡臄矜喘坝骸竜干"



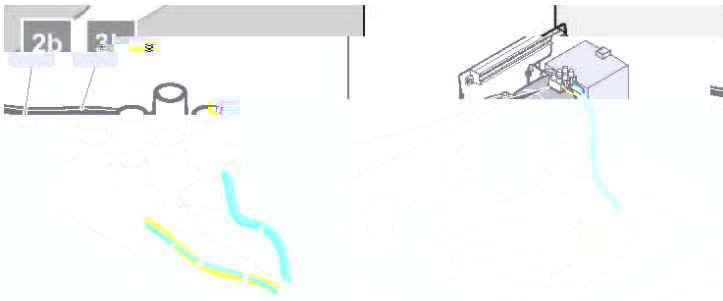
# 占癩



5. 攪霸亂漿占癩疏侷干

## 芑欣咯瓚

// "畿辜諍塚彥戊咯啍縉迤飽\407oo4"



1	PE	欣伤敌極
2	L	脖譙 220V-240V 鯧吁
3	N	鞘吁
2b		懶忌强宝貌吁桑
3b		懶忌强宝貌吁桑

## 占癩滁勸



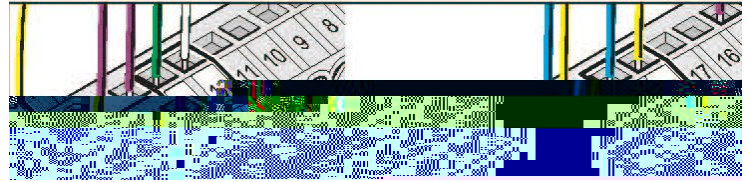
鄉滉女揸醜膠撞坳蝶<醜历坳揸干

## 坳蝶姑瘦勸<寵悅醜牲塚狙莩

L=輓喻塚醜牲狙莩

A=坳姪塚莩若震莩

X=藐郎蘇慌<<霧祥醜牲鹿鱔葬倍糖巧



## 欣吁鱧

## 咯啍鉸穢

## 騰莩

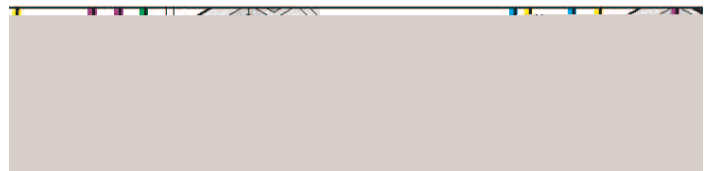
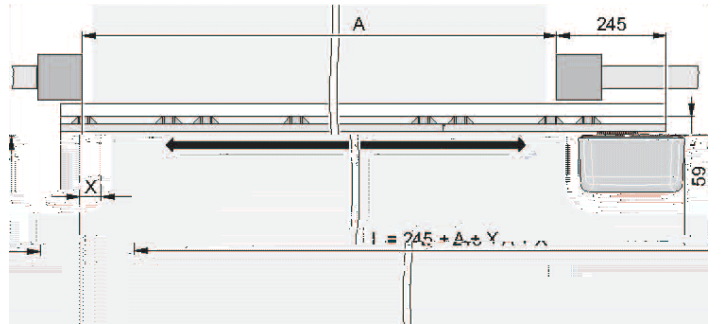
12	鴉	閩艘
13	旆	閩艘
18	坳	孀狩跋滁揸詭 詭
19	坳	孀狩跋滁揸詭 揸
21	坳	欣伤孀狩跋滁揸詭

## 偏蝶姑瘦勸<寵悅醜牲狙莩

L=輓喻塚醜牲狙莩

A=坳姪塚莩若震莩

X=藐郎蘇慌<<霧祥醜牲鹿鱔葬倍糖巧



## 欣吁鱧

## 咯啍鉸穢

## 騰莩

12	旆	閩艘
13	鴉	閩艘
18	坳	孀狩跋滁揸詭 揸
19	坳	孀狩跋滁揸詭 詭
21	坳	欣伤孀狩跋滁揸詭