

BaiCheng
Electric



2015

上海拜骋电器有限公司
Shanghai Baicheng Electric Equipment Manufacture Co.,Ltd.

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COMPANY PROFILE

公司简介



上海拜骋电器有限公司位于上海市嘉定区外冈镇沪宜公路5939号，成立于1994年，专注于设计、制造交、直流开关（主要用于电动工具），锂电池包及其配套产品，是山东威达机械股份有限公司（深交所，002026）的全资子公司，现年营业收入一亿五千万万元。

一直以来，公司坚持设计提高、质量优化的技术理念，致力于领先技术的研究开发和产品质量控制，获得了国内外多项发明专利，通过了ISO 9001质量体系认证，并多次荣获嘉定区小巨人企业、上海市高新技术企业、上海市专利试点企业等称号。公司的主要产品先后通过了UL、CUL、TÜV等国际产品安全认证，并全部出口北美及欧洲市场，产品技术和质量水平在行业内处于领先水平。

公司现有员工将近400人，其中管理、工程技术人员80余人，一线熟练操作工300余人，并拥有X荧光光谱仪、UL61058测试仪、静电放电抗扰度测试仪、三星贴片机、全自动点焊机等各类先进的质量及性能测试仪器和生产装备，具有年产千万只以上交、直流开关以及电池包系列产品的生产能力。

多年来，公司秉承“诚信、严谨、务实、创新”的企业宗旨，贯彻先做人、后做事的服务理念，建立了7S现场管理体系，确立了8D的客户服务体系，为您提供全方位的服务。在新产品研发方面，公司建立了完备的技术创新奖励机制，拥有独立的研发团队和优秀的核心技术人员，公司还与国内多所著名高校和科研机构建立了长期良好的合作关系。

面向未来，公司秉承“技术创新，提高产品可靠性；持续改进，增进顾客满意度”的质量方针，力争成为行业的龙头企业，为您提供更优质的产品和服务！



Shanghai Baicheng Electric Equipment Manufacture Co., Ltd, which was established in 1994 and located at No.5939, Huyi Road, Waigang Town, Jiading District, Shanghai, is an enterprise specializing in designing and manufacturing AC/DC switches (mainly used for power tools) and Lithium battery pack and its matching products. It is a wholly-owned subsidiaries of the Shandong Weida Machinery Co., Ltd (SZSE, 002026), with an operating income of CNY 150,000,000 now.

All along, based on the most important tenet: design and quality, the company is committed to technological development and quality control. It complies with the Quality Assurance Requirements of ISO 9001 and has obtained the name of ‘Little Giant’ Enterprise of Jiading District, ‘New High-tech’ Enterprise of Shanghai and Shanghai Patent Pilot Enterprise etc. The company’s main products have passed UL, CUL, T ü V and other international product safety certifications. The products, whose quality level lies in the leading position in the industry, are all exported to the North America and the European Union.

The company hires nearly 400 employees, among which over 80 are managers and technical engineers, and more than 300 are all skilled assembly line workers. We have different advanced production equipment and testing instrument like X-ray fluorescence spectrometer, UL61058 tester, electrostatic immunity tester, SamSung advanced flexible component placer, automatic welding machine etc, and the annual capacity is over 15,000,000 AC/DC switches and Lithium battery pack and its matching products.

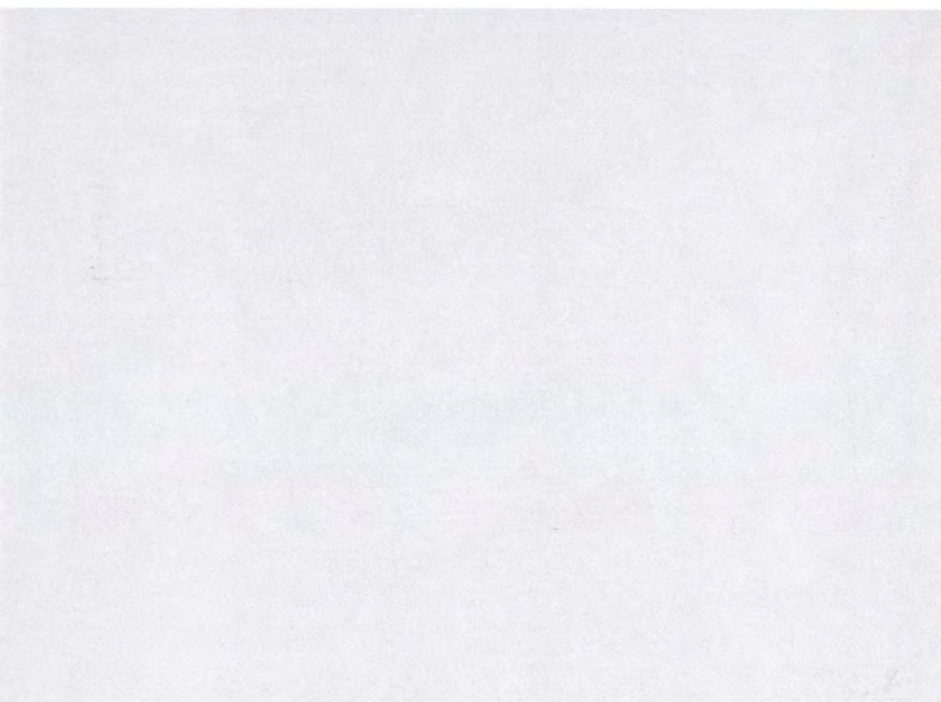
For the past decade, based on the business concept of ‘sincerity, conscientiousness, thoroughness and innovation’ , offering the human-oriented services, we have established 7S on-site management system and 8D customer service system. In the research of new product, we have built a separate development team, possessed excellent key technical staff, and established perfect incentive system. Furthermore, we have been cooperating with many famous universities and academies.

Looking into the future, we dedicate ourselves to the quality guideline of ‘technological innovation, enhancing product’s liability; continuous improvement, promoting customer’s satisfaction’ , strive hard to become the leading enterprise in the industry, and provide high-quality product and service for you.

THE RECEPTION
前台



WORKSHOPS 车间



WORKSHOPS

车间



BaichengElectric



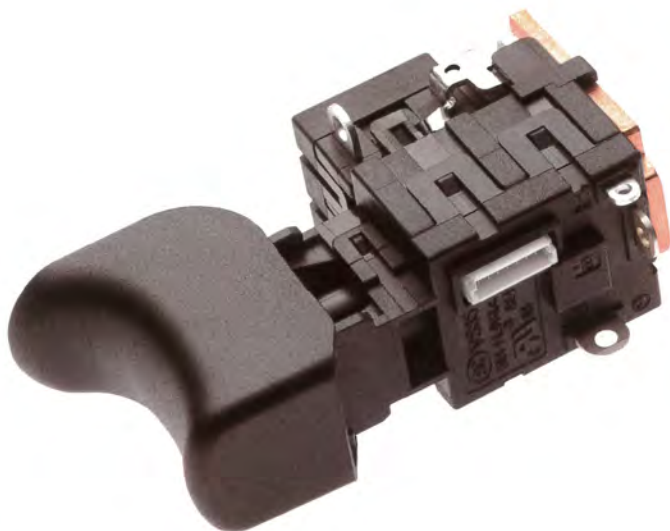
THE LABORATORY
实验室



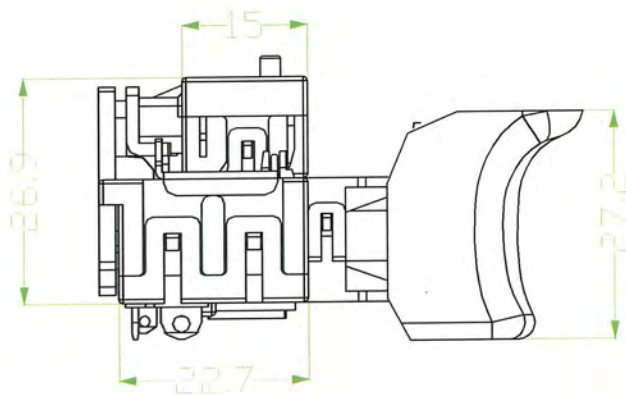
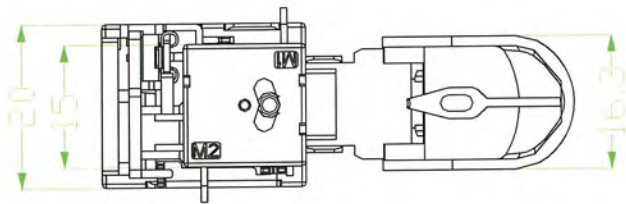
PRODUCTS SHOW 产品展示

SERIES: VS85 UL Rating: 20A, 24Vd.c.

PRODUCT PHOTOS:



Mounting: The detail dimensions please reference product drawing.



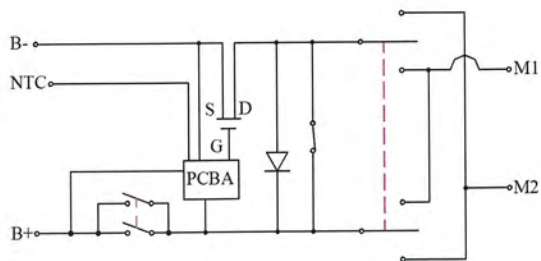
VS85 是一款高度集成且外形紧凑的带锂电池管理功能的开关。
VS85 is a highly integrated and compact switch with lithium battery management functions.

可选择功能及项目:

The functions and projects can be selected as following:

- 机械换向;
- Mechanical F/R function;
- 机械刹车;
- Mechanical brake;
- 机械主触点;
- Mechanical main contact;
- 无级调速和电子直通功能;
- Stepless variable Speed control and electronic bypass;
- 过电流保护及短路保护;
- Over Current and short circuit protection;
- 启动时低电压和高电压保护;
- Under voltage and over voltage protection when start up;
- 工作中低电压保护;
- Under voltage protection when operating;
- 电池过高温和过低温保护;
- Battery over temperature and under temperature protection;
- MOSFET 温度保护;
- MOSFET temperature protection;
- 软启动;
- Soft start;
- 极小的静态电流;
- Very tiny quiescent current;
- 速度选择模式;
- Speed control select mode;
- 工作照明 LED;
- Work light LED;
- LED 延时渐灭功能;
- LED time delay and stepped shut off function;
- 电量显示功能;
- Fuel gauge;
- 可选择扳机或定制;
- Trigger can be selected or according to request;
- 可定制电池连接器;
- Battery connector according to request;
- 可定制 LED 外壳;
- LED housing according to request;

Circuit Schematic: The detail circuit according to request.



UL Rating: 25.1A, 24Vd.c. SERIES: VS80B

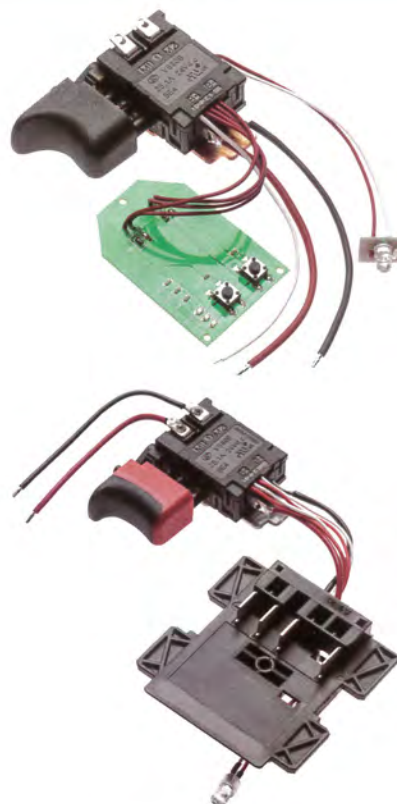
VS80B 是一款高度集成的带锂电池管理功能的开关。
VS80B is a highly integrated switch with lithium battery management functions.

PRODUCT PHOTOS:

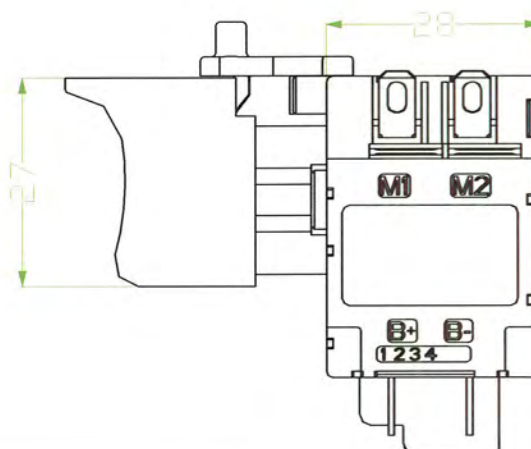
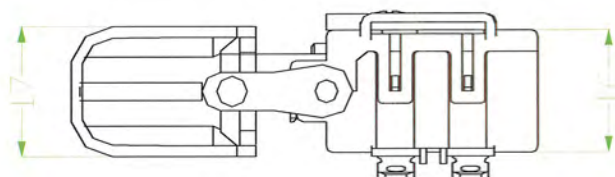
可选择功能及项目:

The functions and projects can be selected as following:

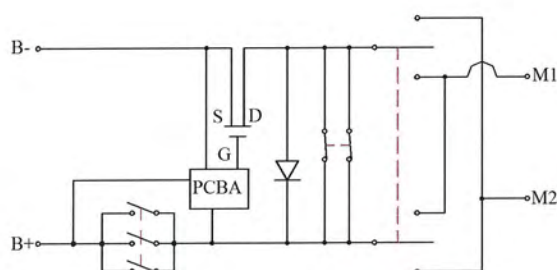
- 机械换向;
Mechanical F/R function;
- 机械刹车;
Mechanical brake;
- 机械主触点;
Mechanical main contact;
- 无级调速和电子直通功能;
Stepless variable Speed control and electronic bypass;
- 过电流保护及短路保护;
Over Current and short circuit protection;
- 启动时低电压和高电压保护;
Under voltage and over voltage protection when start up;
- 工作中低电压保护;
Under voltage protection when operating;
- 电池过高温和过低温保护;
Battery over temperature and under temperature protection;
- MOSFET 温度保护;
MOSFET temperature protection;
- 软启动;
Soft start;
- 极小的静态电流;
Very tiny quiescent current;
- 速度选择模式;
Speed control select mode;
- 工作照明 LED;
Work light LED;
- LED 延时渐灭功能;
LED time delay and stepped shut off function;
- 电量显示功能;
Fuel gauge;
- 可选择扳机或定制;
Trigger can be selected or according to request;
- 可选择拨杆或定制;
Lever can be selected or according to request;
- 可定制电池连接器;
Battery connector according to request;
- 可定制 LED 外壳;
LED housing according to request;



Mounting: The detail dimensions please reference product drawing.

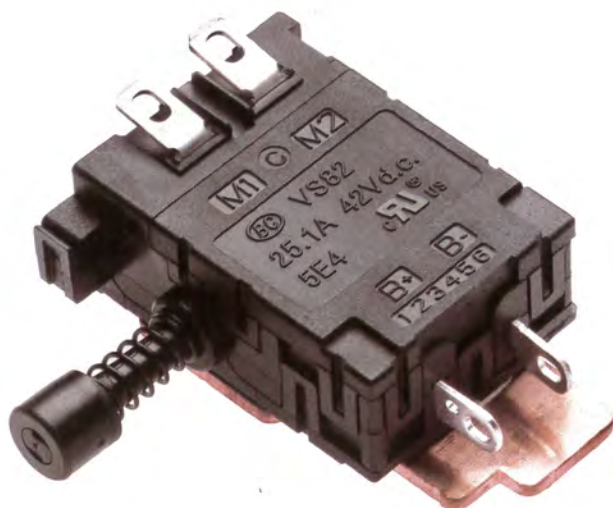


Circuit Schematic: The detail circuit according to request.



SERIES: VS82 UL Rating: 25.1A, 60Vd.c.

PRODUCT PHOTOS:



VS82 是一款高压且高度集成的带锂电池管理功能的开关。

VS82 is a high voltage and highly integrated and compact switch with lithium battery management functions.

可选择功能及项目:

The functions and projects can be selected as following:

机械主触点;

Mechanical main contact;

无级调速和电子直通功能;

Stepless variable speed control and electronic bypass;

过电流保护及短路保护;

Over Current and short circuit protection;

启动时低电压和高电压保护;

Under voltage and over voltage protection when start up;

工作中低电压保护;

Under voltage protection when operating;

电池过高温和过低温保护;

Battery over temperature and under temperature protection;

MOSFET 温度保护;

MOSFET temperature protection;

软启动;

Soft start;

极小的静态电流;

Very tiny quiescent current;

速度选择模式;

Speed control select mode;

工作照明 LED;

Work light LED;

LED 延时渐灭功能;

LED time delay and stepped shut off function;

电量显示功能;

Fuel gauge;

可选择扳机或定制;

Trigger can be selected or according to request;

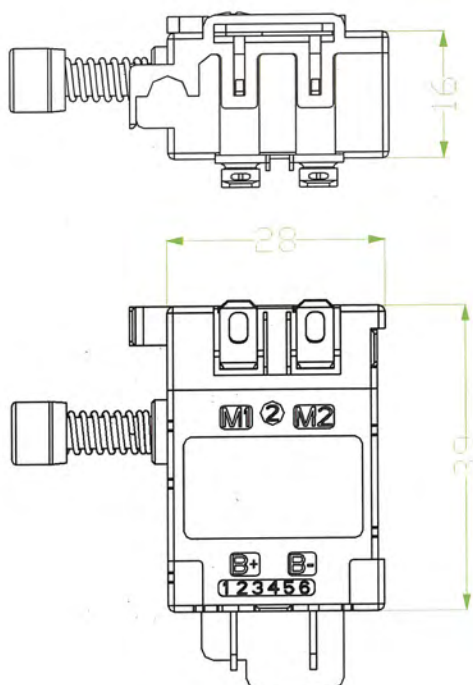
可定制电池连接器;

Battery connector according to request;

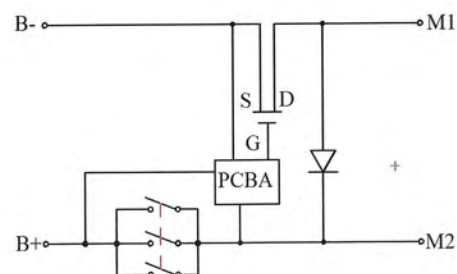
可定制 LED 外壳;

LED housing according to request;

Mounting: The detail dimensions please reference product drawing.



Circuit Schematic: The detail circuit according to request.



UL Rating: 25A, 24Vd.c. SERIES: VS80

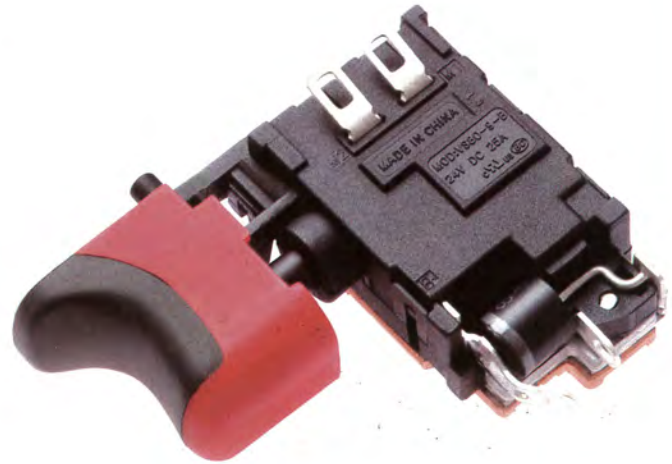
VS80 是一款高功率直流调速开关。
VS80 is a high power DC variable speed switch.

PRODUCT PHOTOS:

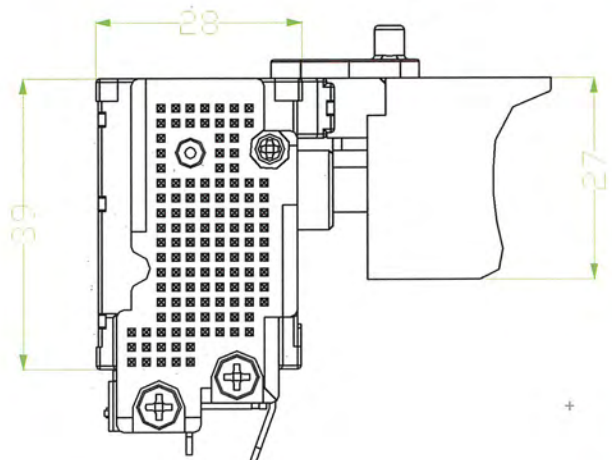
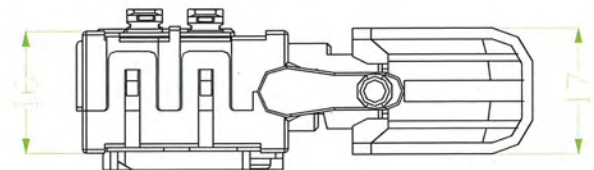
可选择功能及项目:

The functions and projects can be selected as following:

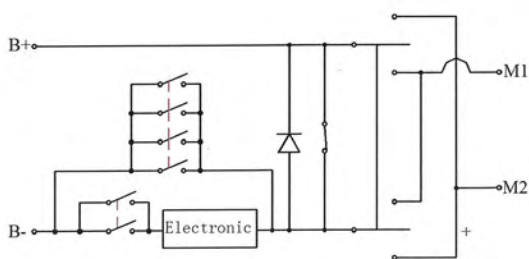
- 机械换向;
Mechanical F/R function;
- 机械刹车;
Mechanical brake;
- 机械主触点;
Mechanical main contact;
- 机械直通功能;
Mechanical bypass function;
- 无级调速;
Stepless variable Speed control;
- 工作照明 LED;
Work light LED;
- 可选择扳机或定制;
Trigger can be selected or according to request;
- 可选择拨杆或定制;
Lever can be selected or according to request;
- 可定制电池连接器;
Battery connector according to request;
- 可定制 LED 外壳;
LED housing according to request;



Mounting: The detail dimensions please reference product drawing.

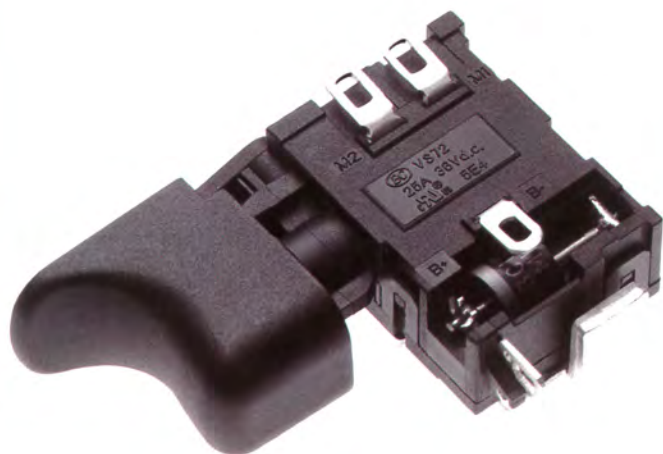


Circuit Schematic:

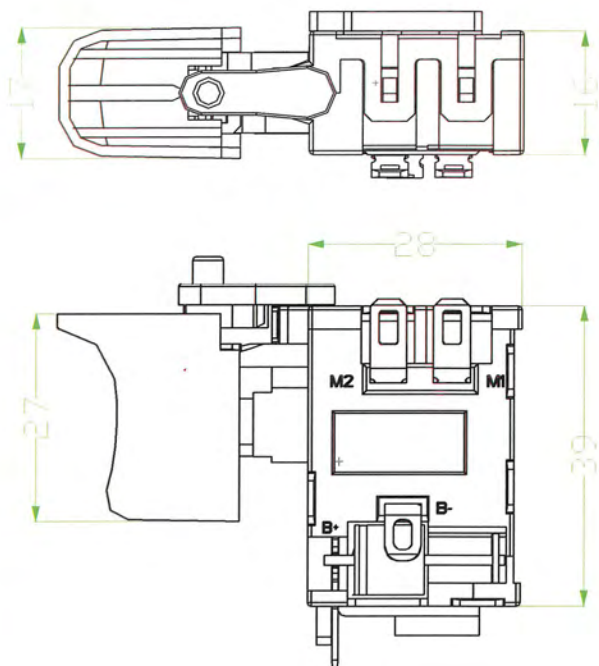


SERIES: VS72 UL Rating: 25A, 36Vd.c.

PRODUCT PHOTOS:



Mounting: The detail dimensions please reference product drawing.



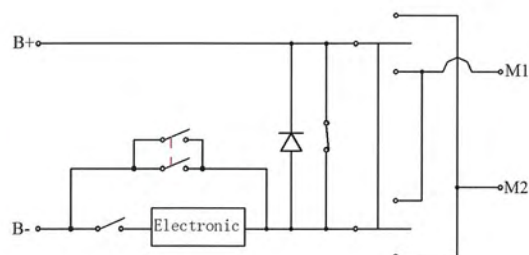
VS72 是一款高压直流调速开关。
VS72 is a high voltage DC variable speed switch.

可选择功能及项目:

The functions and projects can be selected as following:

- 机械换向;
- Mechanical F/R function;
- 机械刹车;
- Mechanical brake;
- 机械主触点;
- Mechanical main contact;
- 机械直通功能;
- Mechanical bypass function;
- 无级调速;
- Stepless variable Speed control;
- 工作照明 LED;
- Work light LED;
- 可选择扳机或定制;
- Trigger can be selected or according to request;
- 可选择拨杆或定制;
- Lever can be selected or according to request;
- 可定制电池连接器;
- Battery connector according to request;
- 可定制 LED 外壳;
- LED housing according to request;

Circuit Schematic:



UL Rating: 20A, 24Vd.c. SERIES: VS70

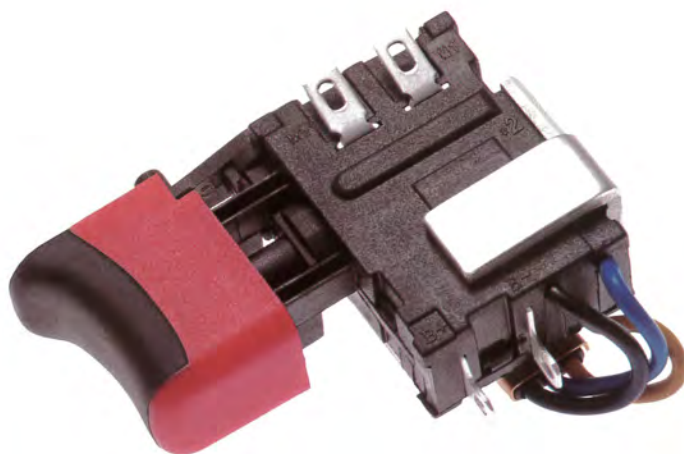
VS70 是一款直流调速开关。
VS70 is a DC variable speed switch.

可选择功能及项目:

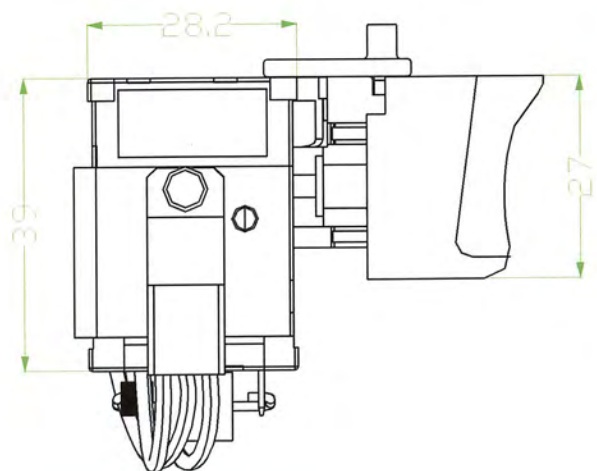
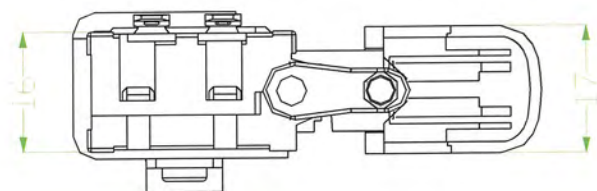
The functions and projects can be selected as following:

- 机械换向;
Mechanical F/R function;
- 机械刹车;
Mechanical brake;
- 机械主触点;
Mechanical main contact;
- 机械直通功能;
Mechanical bypass function;
- 无级调速;
Stepless variable Speed control;
- 工作照明 LED;
Work light LED;
- 可选择扳机或定制;
Trigger can be selected or according to request;
- 可选择拨杆或定制;
Lever can be selected or according to request;
- 可定制电池连接器;
Battery connector according to request;
- 可定制 LED 外壳;
LED housing according to request;

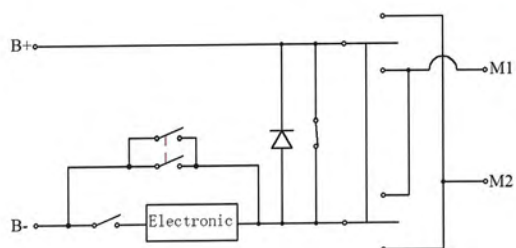
PRODUCT PHOTOS:



Mounting: The detail dimensions please reference product drawing.

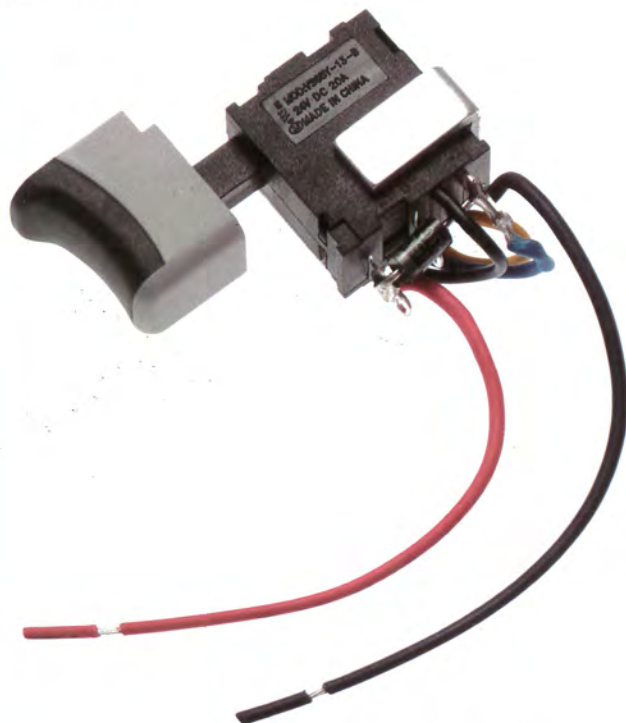


Circuit Schematic:



SERIES: VS65Y UL Rating: 20A, 24Vd.c.

PRODUCT PHOTOS:



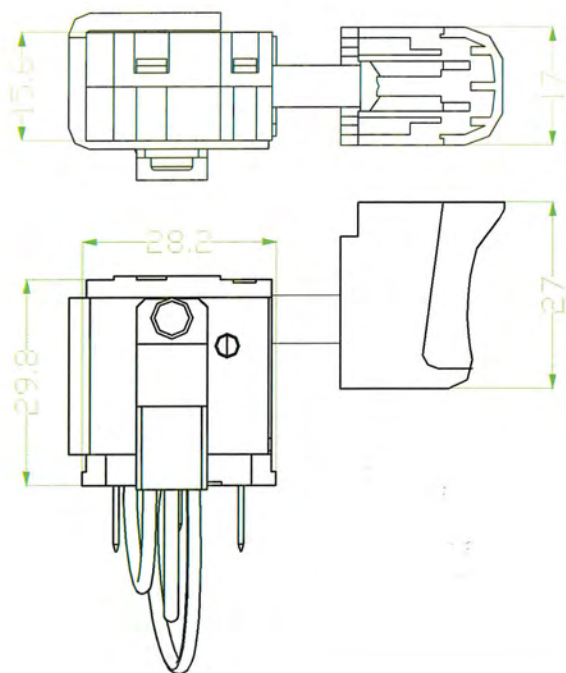
VS65Y 是一款直流调速开关。
VS65Y is a DC variable speed switch.

可选择功能及项目:

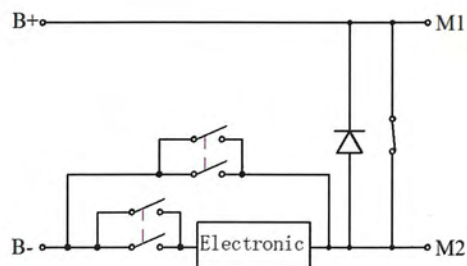
The functions and projects can be selected as following:

- 机械刹车;
- Mechanical brake;
- 机械主触点;
- Mechanical main contact;
- 机械直通功能;
- Mechanical bypass function;
- 无级调速;
- Stepless variable Speed control;
- 工作照明 LED;
- Work light LED;
- 可选择扳机或定制;
- Trigger can be selected or according to request;
- 可定制电池连接器;
- Battery connector according to request;
- 可定制 LED 外壳;
- LED housing according to request;

Mounting: The detail dimensions please reference product drawing.



Circuit Schematic:



UL Rating: 16A, 18Vd.c. **SERIES: VS60**

VS60 是一款紧凑型通断开关。
VS60 is a compact on-off switch.

可选择功能及项目:

The functions and projects can be selected as following:

机械换向;

Mechanical F/R function;

机械主触点;

Mechanical main contact;

变化的阻值输出;

Variable resistor output;

可选择扳机或定制;

Trigger can be selected or according to request;

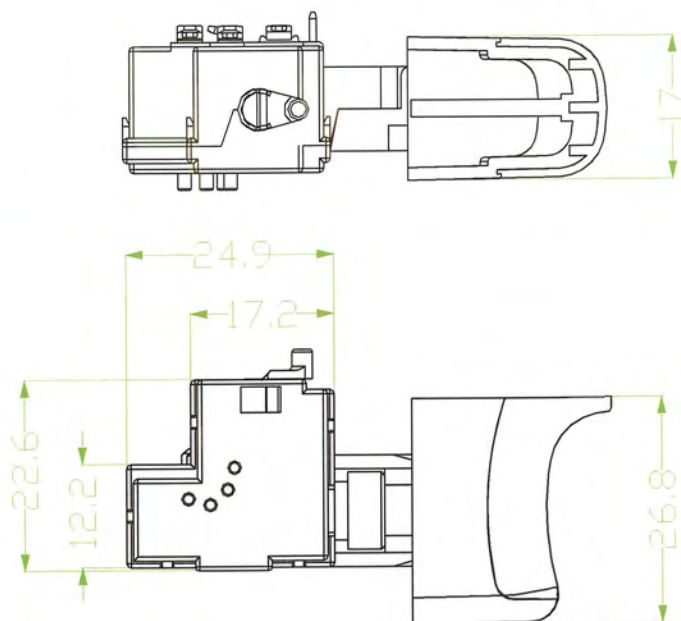
可定制电池连接器;

Battery connector according to request;

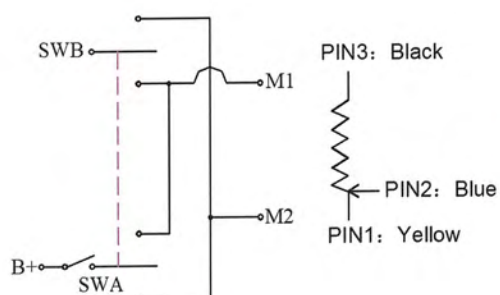
PRODUCT PHOTOS:



Mounting: The detail dimensions please reference product drawing.



Circuit Schematic:



PRODUCTS SHOW

产品展示

SERIES: FA1 UL Rating: 15A, 125Va.c. 10A, 250Va.c.

PRODUCT PHOTOS:



FA1 是一款交流通断开关。

FA1 is a AC on-off switch.

可选择功能及项目:

The functions and projects can be selected as following:

机械刹车;

Mechanical brake;

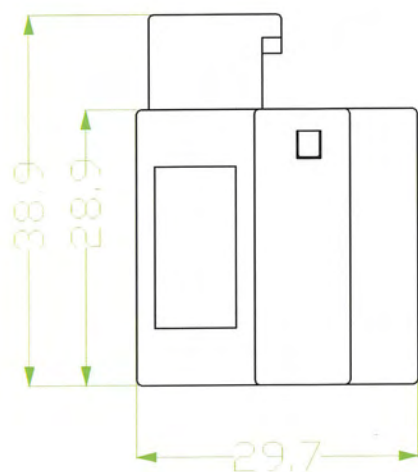
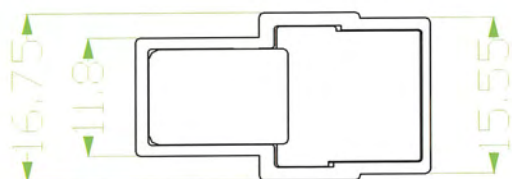
机械主触点;

Mechanical main contact;

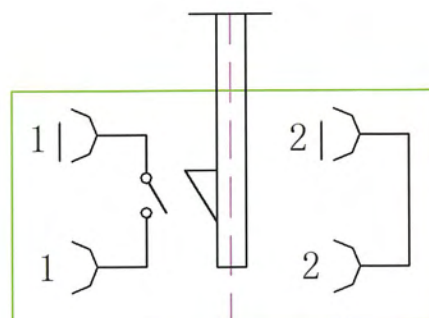
可定制推杆;

Plunger according to request;

Mounting: The detail dimensions please reference product drawing.



Circuit Schematic:



智能锂电池包 INTELLIGENT LITHIUM BATTERY PACK



基本功能 General Function

单节电压检查
Single Cell voltage detection
电芯温度检查
Cell temperature detection
MOSFET 过温保护
MOSFET over temperature protection
电芯平衡功能
Cell balance function
LED 电量指示
LED for Fuel gauge indication
输出端口短路保护功能
Short terminal protection
放电过流保护
Discharge over current protection
低电压放电保护
Under voltage discharge protection
低待机电流
Low Standby current consumption
ID 电阻过流保护设定
ID resistor for over current setting
充电器与电池包智能通信功能
Charger and Battery smart communication

锂电池智能充电器 LITHIUM BATTERY INTELLIGENT CHARGER

基本功能 General Function

高低温充电模式
High/Low temperature charging mode
低压预充电模式
Low voltage pre-charging mode
充电电流保护
Over-current protection for charging
双层过充保护功能
Double over-charged protections for Li-ion battery
LED 充电显示
LED for charging indication
待机工作模式
Standby power working mode
24 小时充电补偿功能
24H Charged maintenance function
恒压 + 恒流锂电池包充电模式
CC+CV charge mode for Li-ion battery pack
充电器与电池包智能通信功能
Charger and Battery smart communication
符合 CEC/ 能源之星的要求
CEC/Energy Star comply



LITHIUM BATTERY PACK 锂电池包



电池电压: 12V Pack Voltage: 12V
电芯容量: 2Ah Cell capacity: 2Ah
待机电流: 10uA Standby current: 10uA

基本功能
General Function

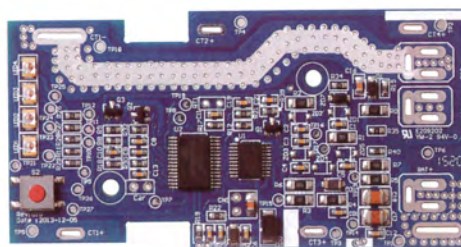
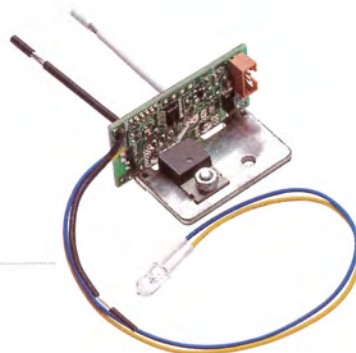
5 端子输出
5 Terminal output
不带放电及充电保护
Without discharge and charge protection
电池包带 NTC 为放电及充电温度控制
Pack with NTC for discharging and charging control

CONTROL PCBA 控制板

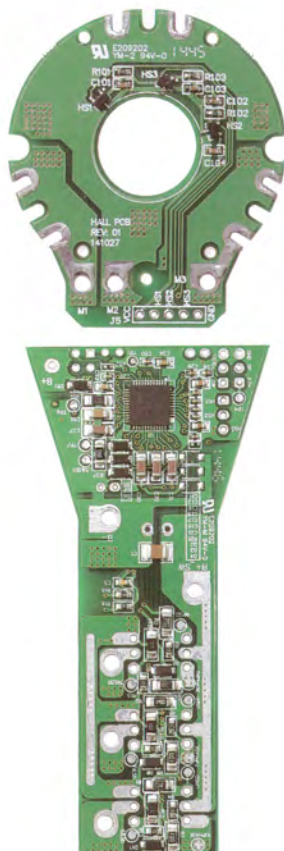
本产品是一款控制板。
This product is a control PCBA.

功能根据客户要求
Functions According
To Request

通过外接电位器控制马达的速度;
Control the motor speed by outside potentiometer;
软启动;
Soft start;
启动时低电压和高电压保护;
Under voltage and over voltage protection when start up;
工作中低电压保护;
Under voltage protection when operating;
过电流保护及短路保护;
Over Current and short circuit protection;
电池包通信接口;
With communication terminal to battery;
极小的静态电流;
Very tiny quiescent current;
工作照明 LED;
Work light LED;
保护指示功能;
Protect indication function;

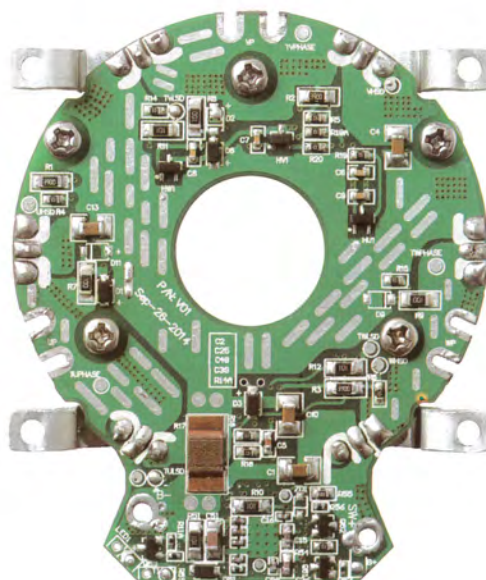


无刷马达控制系统 MOTOR BRUSHLESS CONTROL SYSTEM



基本功能
General Function

- 电子刹车功能
Electronic Brake function
- 电子换向功能
Electronic reversal/forward function
- 无极调速功能
Variable speed control function
- 自停功能
Auto-stop function
- 电量指示功能
Fuel gauge indication function
- 工作指示灯功能
Working light function
- 放电低压保护功能
Discharging under voltage function
- 放电过流保护功能
Discharging over current protection
- 放电短路保护
Discharging shorted protection
- 软起动功能
Soft-start function
- 过温保护功能
Over temperature protection
- 0uA 待机电流
0uA Standby Current consumption



PRODUCTS SHOW

产品展示

NEW PRODUCTS 新产品

CERTIFICATE OF AUTHORIZATION

授权证书



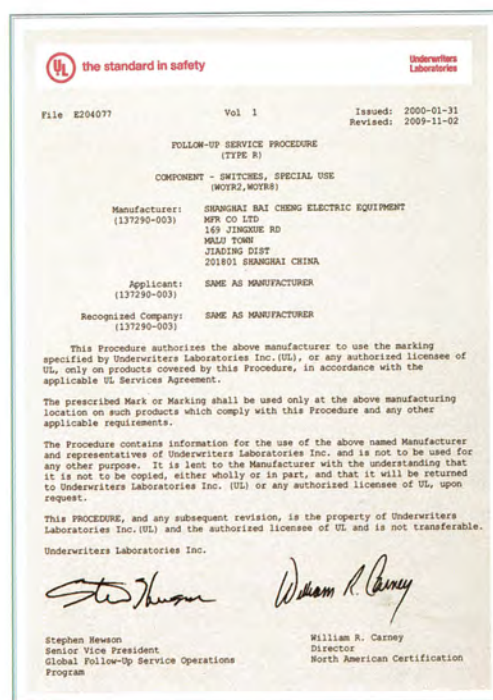
UL 实验室授权证书

Accord UL Standard Laboratory Certificate



ISO9000 授权证

ISO9000 Authorization Certificate



UL 产品授权证书

Accord UL Standard Certificate



ISO9001:2008 体系证书

ISO9001:2008 System Certification



TUV 年检证书

TUV Inspection Certificate



2007年度嘉定区

小巨人企业

上海市嘉定区人民政府
2008年1月

高新技术企业 证书

企业名称: 上海拜骋电器有限公司

证书编号: GF201331000199

发证时间: 2013年9月11日

有效期: 三年

批准机关:



上 海 拜 骋 电 器 有 限 公 司
Shanghai Baicheng Electric Equipment Manufacture Co.,Ltd.

地址: 上海市嘉定区外冈镇沪宜公路 5939 号 邮编: 201806
电话: (86-21) 69156713, 69156719, 69585117, 69156845
传真: (86-21) 69156732

Add: NO.5939, Huyi Road, Waigang Town, Jiading District, Shanghai
Tel: (86-21) 69156713, 69156719, 69585117, 69156845
Fax: (86-21) 69156732
Email: baicheng@shbaicheng.com.cn
Web: www.shbaicheng.com.cn

山 东 威 达 销 售 有 限 公 司
Shandong Weida International Trading Co.,Ltd.

电话 /Phone: 0631-3909518; 3909818; 3909999
传真 /Fax: 0631-3909888; 3909777
邮箱 /E-mail: sales@weidapeacock.com