

EM

Electrical Module Series

电子模块系列



EMI	MOD 98	DC01	MOD DC01
AC01	MOD AC01	DC02	MOD DC02
AC02	MOD AC02	DC03	MOD DC03
AC03	MOD AC03	DC04	MOD DC04
AC04	MOD AC04	DC05	MOD DC05
AC05	MOD AC05	DC06	MOD DC06

Product series: EMI

MODEL 98

型号 98

Product series: AC01

MODEL AC01

型号 AC01

Filter

滤波器

General Characteristics

一般的规格参数

Function:

- The AC input is converted to (pulse) DC output
- With input filter function.

产品功能:

- 交流输入转换为 (脉冲) 直流输出
- 带输入滤波功能

Specifications:

- Input 120Vac, Output 100-110Vdc
- Input 230Vac, Output 200-210Vdc

规格:

- 输入120Vac, 输出100-110Vdc
- 输入230Vac, 输出200-210Vdc

Terminals:

- Quick-connect terminals

端子:

- 快插端子

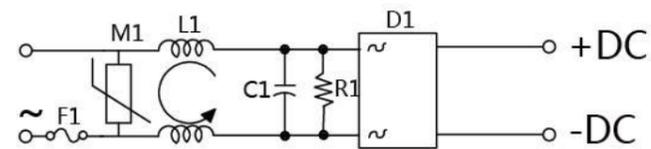
Applications:

- power tools, garden tools, small household appliances and so on.

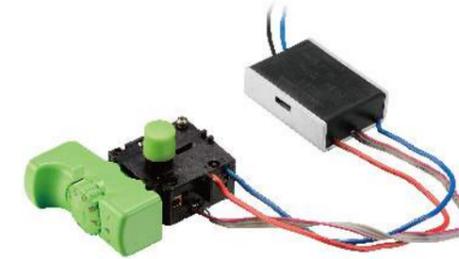
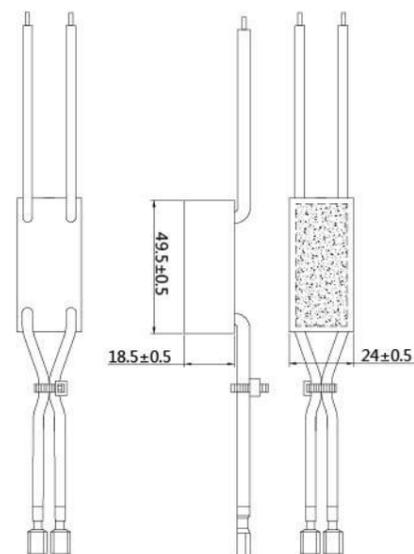
应用:

- 电动工具、园林工具、小家电等

Circuit Diagram 原理图



Base Shape 本体形状



AC speed control module

交流调速模块

General Characteristics

一般的规格参数

Function:

- Ac speed control module
- Over current protection
- Power factor at full load of not less than 0.85
- Two voltage versions

产品功能:

- 交流调速功能
- 过流保护功能
- 满负载时功率因数不低于0.85
- 两种电压版本

Specifications:

- 127Vac 13A 250Vac 8A

规格:

- 127Vac 13A 250Vac 8A

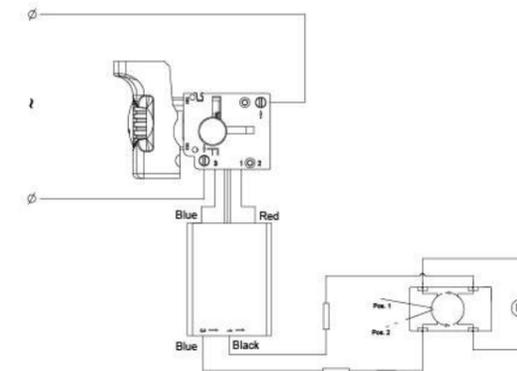
Applications:

- power tools, garden tools, small household appliances and so on.

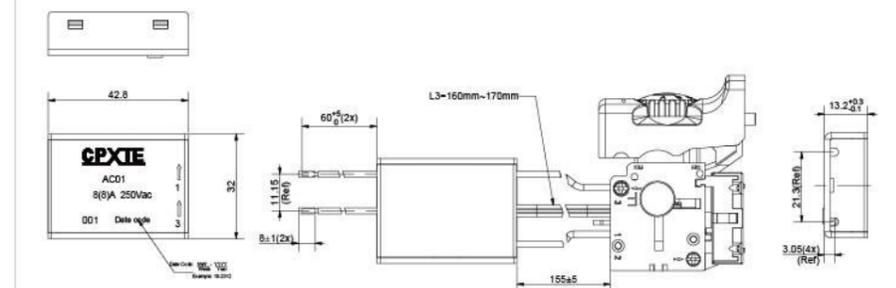
应用:

- 电动工具、园林工具、小家电等

Circuit Diagram 原理图



Base Shape 本体形状



Product series: AC02

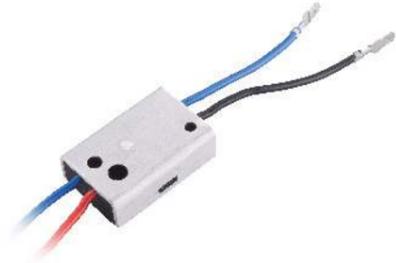
MODEL AC02

型号 AC02

Product series: AC03

MODEL AC03

型号 AC03



Constant power module

恒功板

General Characteristics

一般的规格参数

Function:

- AC motor soft start function
- Constant power function

产品功能:

- 交流电机软启动功能
- 恒功功能

Specifications:

- 8(8)A 250Vac 5E4
- Soft start time: 300-1000mS

规格:

- 8(8)A 250Vac 5E4
- 软启时间: 300-1000mS

Terminals:

- Quick-connect terminals

端子:

- 快插端子

Applications:

- power tools, garden tools, small household appliances and so on.

应用:

- 电动工具、园林工具、小家电等



Filter and Rectifier

抗干扰整流模块

General Characteristics

一般的规格参数

Function:

- The AC input is converted to (pulse) DC output
- Input filter function

产品功能:

- 交流输入转换为 (脉冲) 直流输出
- 输入滤波功能

Specifications:

- 2.5A 230Vac 50Hz

规格:

- 2.5A 230Vac 50Hz

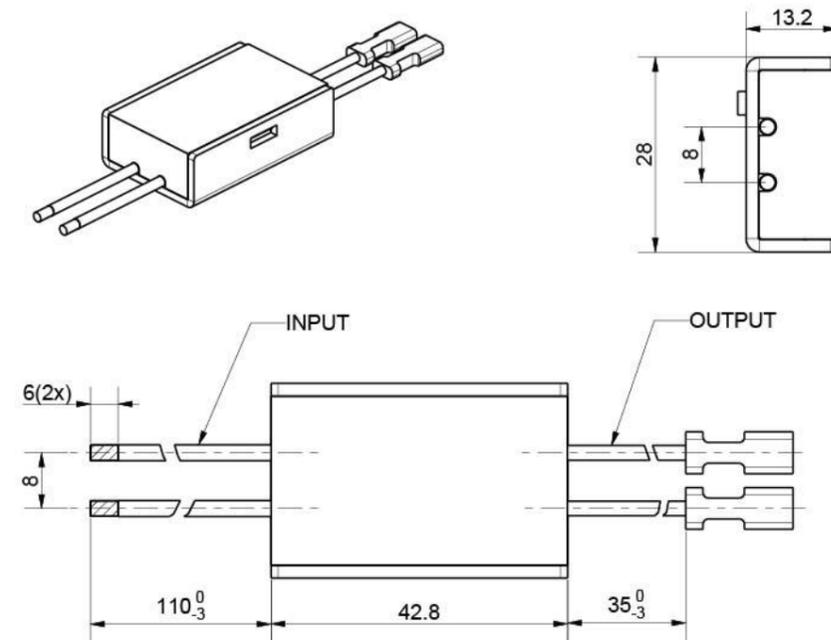
Applications:

- power tools, garden tools, small household appliances and so on.

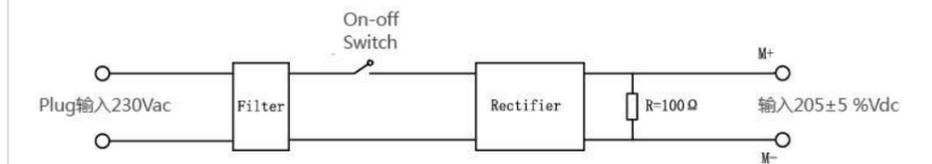
应用:

- 电动工具、园林工具、小家电等

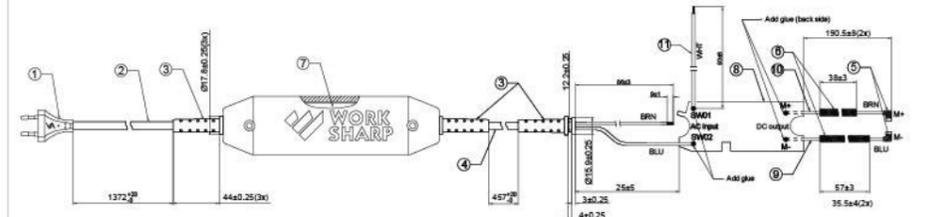
Base Shape 本体形状



Circuit Diagram 原理图



Base Shape 本体形状



Product series: AC04

MODEL AC04

型号 AC04

AC motor control module

交流马达控制模块

General Characteristics

Function:

- Soft start function
- Variable speed function
- Constant power function

Specifications:

- 127Vac 8A 250Vac 6A

Applications:

- power tools, garden tools, small household appliances and so on.

一般的规格参数

产品功能:

- 软启动功能
- 变速功能
- 恒功功能

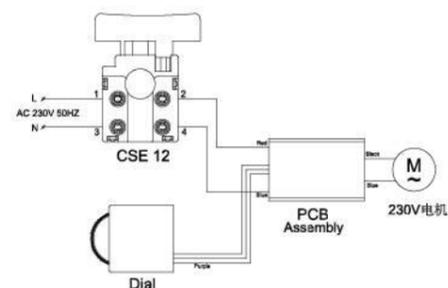
规格:

- 127Vac 8A 250Vac 6A

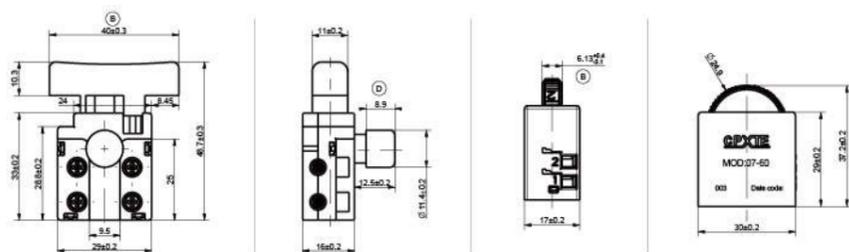
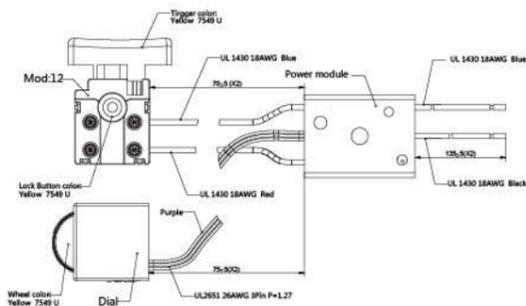
应用:

- 电动工具、园林工具、小家电等

Circuit Diagram 原理图



Base Shape 本体形状



Product series: AC05

MODEL AC05

型号 AC05

DC power supply module

DC电源模块

General Characteristics

Function:

- AC input to DC output

Specifications:

- Input 230Vac 50Hz output 24Vdc2A

Applications:

- power tools, garden tools, small household appliances and so on.

一般的规格参数

产品功能:

- 交流输入转直流输出

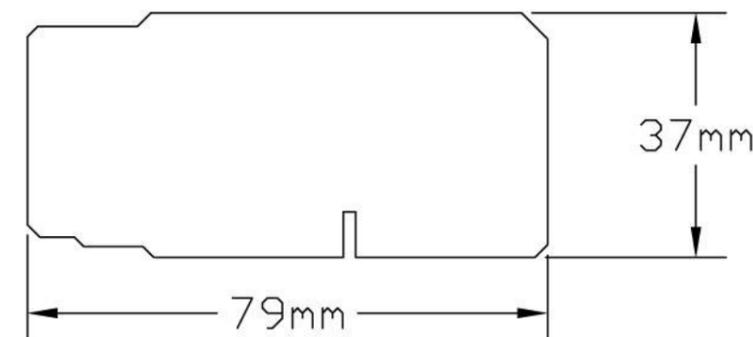
规格:

- 输入 230Vac 50Hz 输出 24Vdc2A

应用:

- 电动工具、园林工具、小家电等

Base Shape 本体形状



Product series: DC01

MODEL DC01

型号 DC01

DC motor controller

DC马达控制器

General Characteristics

一般的规格参数

Function:

- Soft start function
- Overload protection function
- Undervoltage protection
- Stall protection function
- Battery temperature protection
- Mosfet temperature protection
- Short circuit protection function
- Customized other electronic functions

产品功能:

- 软启动功能
- 过载保护功能
- 欠压保护功能
- 堵转保护功能
- 电池温度保护
- FET温度保护
- 短路保护功能
- 客户定制的其他电子功能

Specifications:

- 0-25A 0-36Vdc

规格:

- 0-25A 0-36Vdc

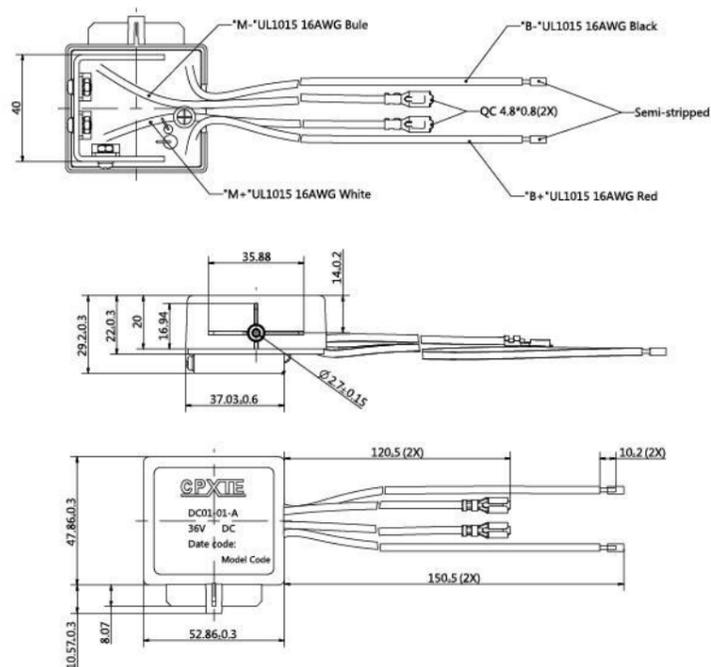
Applications:

- power tools, garden tools, small household appliances and so on.

应用:

- 电动工具、园林工具、小家电等

Base Shape 本体形状



Product series: DC02

MODEL DC02

型号 DC02

DC motor controller

DC马达控制器

General Characteristics

一般的规格参数

Function:

- Undervoltage protection
- Overload protection function
- Customized other electronic functions

产品功能:

- 欠压保护功能
- 过载保护功能
- 客户定制的其他电子功能

Specifications:

- 0-15A 0-36Vdc

规格:

- 0-15A 0-36Vdc

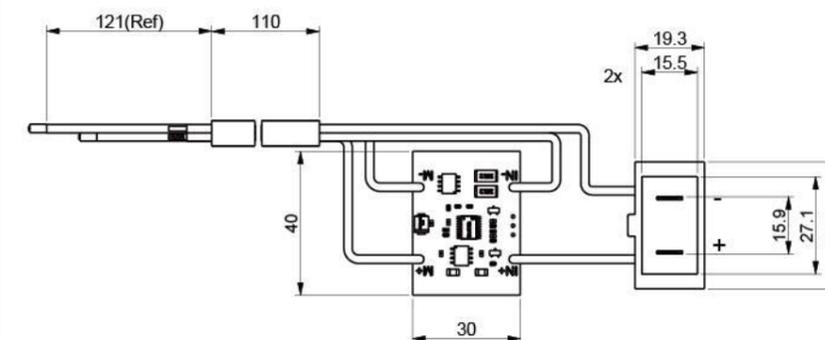
Applications:

- power tools, garden tools, small household appliances and so on.

应用:

- 电动工具、园林工具、小家电等

Base Shape 本体形状



Product series: DC03

MODEL DC03

型号 DC03

Lithium battery protection controller

锂电池保护控制器

General Characteristics

一般的规格参数

Function:

- Overcharge protection
- Under voltage protection
- Charging time protection
- Temperature protection
- Protection warning
- Overload protection
- Ultra low standby power
- Customized other electronic functions

产品功能:

- 过充电保护功能
- 欠压保护功能
- 充电时间保护功能
- 温度保护功能
- 保护前警告功能
- 过载保护功能
- 超低待机功耗
- 客户定制的其他电子功能

Applications:

- power tools, garden tools, small household appliances and so on.

应用:

- 电动工具、园林工具、小家电等



Power tools 电动工具类



Small household appliances 小家电类



Garden tools 园林工具类



Product series: DC04

MODEL DC04

型号 DC04

BLDC controller

直流无刷马达控制器

General Characteristics

一般的规格参数

Function:

- Current limiting and overcurrent protection
- Stall protection
- Stepless speed control
- LED lamp control
- Temperature protection
- Under voltage protection
- Battery pack exception protection
- Motor Hall Exceptional Protection
- Zero static power loss
- The latest ESD protection
- Battery power display
- The control with lately black-box technology, communicate, running, over-load, over-heating and abnormal data obtain etc.
- Optional Hall and No Hall technology
- Equipped with "CPXTE" professional switch, high-performance quality assurance, vibration, dust, long life
- Customized other electronic functions

产品功能:

- 限流及过流保护功能
- 堵转保护功能
- 无级调速
- LED控制
- 温度保护
- 欠压保护
- 电池包异常保护
- 电机霍尔异常保护
- 静态零功耗
- ESD防护
- 电池电量显示
- 工具最新黑匣子技术, 通信, 运行, 过载, 过热等异常数据可读
- 可选有霍尔和无霍尔技术
- 配备 "CPXTE" 专业开关、高性能质量保证, 耐震动、防尘、长寿命
- 客户定制的其他电子功能

Applications:

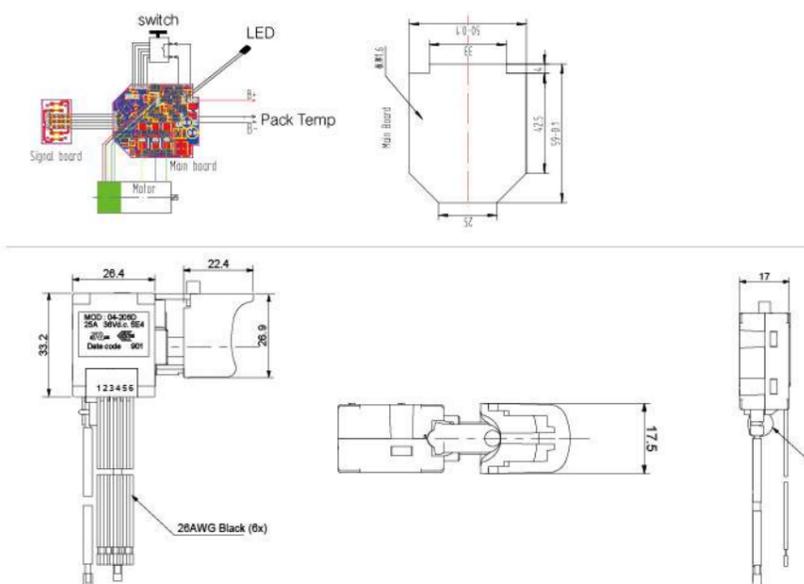
- Brushless Power Tools, Garden Tools, Small Household Appliances and so on

应用:

- 无刷电动工具, 园林工具、小家电等



Base Shape 本体形状



Product series: DC05

MODEL DC05

型号 DC05

Hall plate for Motor

电机霍尔板

General Characteristics

Function:

- Rotor position detection of brushless motor
- Detection angle 60°
- PCB shape and size can be customized

Applications:

- power tools, garden tools, small household appliances and so on.

一般的规格参数

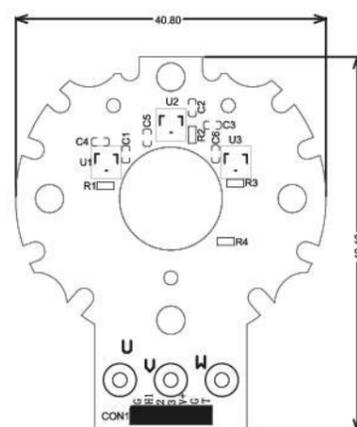
产品功能:

- 无刷马达转子位置检测
- 检测角度60°
- PCB板的尺寸可根据客户马达定制

应用:

- 电动工具、园林工具、小家电等

Base Shape 本体形状



Product series: DC06

MODEL DC06

型号 DC06

Lithium battery charger

锂电池充电器

General Characteristics

Function:

- Short circuit protection
- Over-current protection
- High and low temperature protection
- CC/CV working modes
- Good insulation performance, High electrical resistance
- Wide input voltage range, comply with the international standards
- Small DC ripple, high efficiency
- High reliability
- Customized other electronic functions

Applications:

- Brushless Power Tools, Garden Tools, Small Household Appliances and so on

一般的规格参数

产品功能:

- 输入电压范围宽, 符合全球使用标准
- 负载短路保护
- 过流保护
- 高低温保护
- CC/CV工作模式
- 绝缘性能好, 抗电强度高
- 输入电压范围宽, 符合全球使用标准
- 工作温度低, 使用寿命长
- 直流纹波小, 工作效率高
- 可靠性高
- 客户定制的其他电子功能

应用:

- 无刷电动工具, 园林工具、小家电等

Base Shape 本体形状

