产品目录 PRODUCT CATALOG

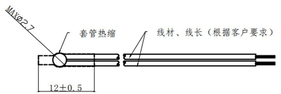
PTC系列 传感器 PTC SERIES SENSOR

■ 产品介绍（Product Introduction）

PTC系列传感器对温度敏感，正温度系数热敏电阻器(PTC)在温度越高时电阻值越大，属于半导体器件。具有体积小、感温灵敏、极强的稳定性的特点，安全可靠。广泛应用于消毒柜、车载冰箱、热水器、烘干机、干燥箱、恒温箱等。

PTC series sensors are temperature sensitive, and positive temperature coefficient thermistors (PTCs) have higher resistance values at higher temperatures,belongs to semiconductor components.Advantage:Micro size, sensitive temperature sensing, and strong stability, safe and reliable. Widely used in disinfection cabinet, car refrigerator, water heater, dryer, dry cabinet, thermostat cabinet etc.

■ 产品尺寸（Product Dimensions）



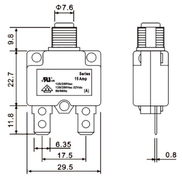
88/98系列 过载保护器 88/98 SERIES OVER-CURRENT PROTECTOR

■ 产品介绍（Product Introduction）

88/98系列过载保护器外壳为耐高温塑壳设计。广泛应用于咖啡机、电焊机、抽湿机、豆浆机、果汁机、吸尘器等。

88/98 series over-current protector is a precise protector with plastic housing. Widely used in coffee machine, welding machine, dehumidifier, soybean milk machine, juicer, vacuum cleaner etc.

■ 产品尺寸（Product Dimensions）



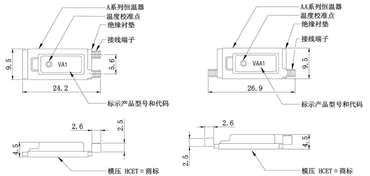
VA1/VAA1系列 恒温器 VA1/VAA1 SERIES THERMOSTAT

■ 产品介绍（Product Introduction）

VA1/VAA1系列恒温器是一款为低压电器设计的慢动作式热保护器。它有常闭型触点和常开型触点两种选择。广泛应用于汽车座垫加热、宠物垫、卷发棒、溶蜡机等。

VA1/VAA1 series thermostat is creep action thermal protectors designed for low voltage applications. It has two options: normally closed B and normally open K. Widely used in car seat heating, pet pad, curling iron, wax melting machine etc.

■ 产品尺寸（Product Dimensions）



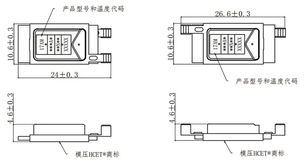
17AM系列 热保护器 17AM SERIES THERMAL PROTECTOR

■ 产品介绍（Product Introduction）

17AM系列热保护器是一种过温、过电流之保护器，其体积小，触点容量大，跳脱动作快速 。广泛应用于照明灯具、水泵、空压机、大功率马达、汽车座椅加热、镇流器、充电器等。

The 17AM series thermal protector is a type of over temperature and over current protector with micro size, large contact capacity, and fast trip off . Widely used in lighting, water pump, air compressor,high-power motor , car seat heating , ballast, charger etc.

■ 产品尺寸（Product Dimensions）



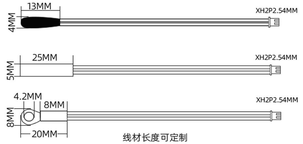
NTC系列 传感器 NTC SERIES SENSOR

■ 产品介绍（Product Introduction）

NTC系列传感器对温度敏感，负温度系数热敏电阻器(NTC) 在温度越高是电阻值越低，属于半导体器件。具有耐高温、稳定性高、灵敏度高的特点。广泛应用于空调、冰箱、饮水机、洗碗机、消毒柜、烘干机、恒温箱等。

NTC series sensors are sensitive to temperature. The higher the temperature, the lower the resistance of negative temperature coefficient thermistor (NTC). It has the characteristics of high temperature resistance, high stability and high sensitivity. Widely used in air conditioner, refrigerator, water dispenser, dishwasher, disinfection cabinet, dryer, incubator etc.

■ 产品尺寸（Product Dimensions）



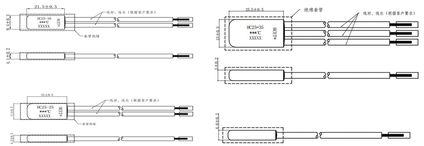
HC25系列 大电流温控开关 HC25 SERIES BIGCURRENT THERMAL PROTECTOR

■ 产品介绍（Product Introduction）

HC25系列大电流温控开关采用纯温度设计，确保了内部为低电阻回路。广泛应用于潜水泵、直流大功率电机、太阳能热水器、加热管、电池组、电动工具等。

HC25 series thermal protector with high-current make pure design temperature to ensure low internal resistance.Widely used in submersible pump, DC high-power motor, solar water heating, heating tube, battery pack, electric tool etc.

■ 产品尺寸（Product Dimensions）



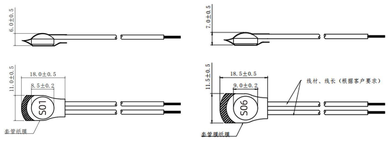
S01/S06系列 温控开关 S01/S06 SERIES TEMPERATURE CONTROL SWITCH

■ 产品介绍（Product Introduction）

S01/S06系列突跳式保护器是小型双金属片温控器，具有体积微小，感温灵敏，跳脱迅速的特点。广泛应用于宠物垫、加热垫、电热毯、电机、线圈、电子产品等。

A special feature of the S01/S06 series is that the switch is a temperature-sensitive switch,with small size, sensitive to temperature, jump out of the characteristics of rapid. Widely used in pet pad, heating pad, electric blanket,coil, electronic product motor, etc.

■ 产品尺寸（Product Dimensions）



JUC-31F/KSD-01F系列 温度开关 JUC-31F/KSD-01F SERIES THERMOSTAT

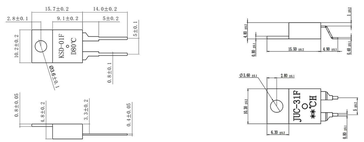
■ 产品介绍（Product Introduction）

JUC-31F/KSD-01F系列温度开关为接触感温突跳式塑封温控器。其外壳绝缘、尺寸小巧、寿命长、动作灵敏、可靠性高等，广泛应用于线路板、开关电源、充电器、镇流器等。

JUC-31F/KSD-01F series thermostat is a temperature-senstive switch protector with plastic housing. Insulation shell, miniature size, long lifecycle and high reliability. Widely used in circuit board, switching power supply, charger, ballast etc.

■ 产品尺寸（Product Dimensions）

常规款（Regular Style） 贴片款（Patch version）



HCET® 南京海川电子有限公司 HAICHUAN ELECTRONIC CO.,LTD.

高新技术企业 High-tech enterprise
专精特新企业 Specialized and innovative enterprise
过温、过流保护 & 传感控制技术制造商
Manufacturer of over-temperature and over-current protection & sensor control technology

Thermal Protectors
PTC-Thermistors
KTY-Sensors
Thermal Fuse

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English Website

COMPANY 公司简介 Introduction

南京海川电子有限公司，成立于2010年，公司位于南京六合经济开发区，是一家专业生产高端电机保护器、过流保护器、恒温器、热保护器、温度开关、温控开关、温度传感器的国家高新技术企业、江苏省专精特新企业，公司通过IATF16949质量管理体系认证，拥有多项自主专利，产品通过UL、TUV、CQC、PSE多国国际安规认证，公司采用自动化设备，所生产的各系列产品广泛应用于雨刮电机、玻璃升降器电机、榨汁机、搅拌机、小型暂状电机、电动工具、电池组、加热垫、新能源汽车、医疗器械等领域。海纳百川，追求卓越，海川用专业的技术致力于提供可靠的过热过流保护综合解决方案。

Nanjing Haichuan Electronics Co., Ltd. was established in 2010. The company is located in Nanjing Liuhe Economic Development Zone. It is a national high-tech enterprise and a specialized, refined, distinctive and innovative enterprise in Jiangsu Province, specializing in the production of high-end motor protectors, overcurrent protectors, thermostats, thermal protectors, temperature switches, temperature control switches and temperature sensors. The company has passed the IATF16949 quality management system certification, holds multiple independent patents, and its products have obtained international safety regulations certifications from multiple countries such as UL, TUV, CQC, and PSE. The company adopts automated equipment The various series of products produced are widely used in wiper motors, glass regulator motors, juicers, blenders, small tubular motors, power tools, battery packs, heating pads, new energy vehicles, medical devices and other fields. Haichuan embraces all rivers and pursues excellence. With professional technology, it is committed to providing reliable comprehensive solutions for overheat and overcurrent protection.

PRODUCT 产品认证 Certification

SGS UKAS CB Scheme CQC

HCET-A系列 温控开关 HCET-A SERIES THERMOSTAT

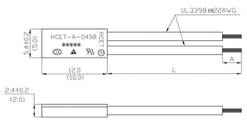
■ 产品介绍（Product Introduction）

HCET-A系列热保护器体积微小，感温灵敏，保护精准可靠。广泛应用于微电机、电池保护板、感温电缆、加热垫、新能源汽车、电动马达、变压器等。

HCET-A series is a precise protector with small size. It is sensitive, accurate and reliable.Widely used in micro-motor, battery protection board,protectowire,electric tool，heating pad，New energy vehicles,transformer etc.

■ 产品尺寸（Product Dimensions）

带线款（Wired Style）　　插针款（Pin Insertion Style）



HCET-C系列 高精度温控开关 HCET-C SERIES THERMAL PROTECTOR

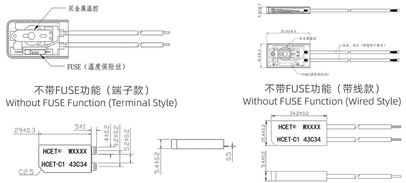
■ 产品介绍（Product Introduction）

HCET-C系列高精度温控开关具有精准的温度控制功能，最长寿命可以达到10万次通断。广泛应用于宠物垫、加热垫、加热座椅、电热毯等。

The HCET-C thermal protector is a combination of thermal protector and thermal cut off. Service life at least 100000 times. Widely used in pet pad，heating pad, seat heating，electrical blanket etc.

■ 产品尺寸（Product Dimensions）

带FUSE功能（With FUSE Function）



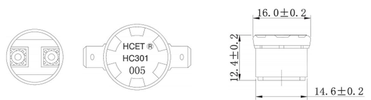
HC301系列 温控器 HC301 SERIES TEMPERATURE CONTROL SWITCH

■ 产品介绍（Product Introduction）

HC301系列突跳式双金属片保护器具有自动复位功能，利用碟型双金属片在温度作用下产生瞬间跳动的原理。广泛应用于加热管、加热垫、碎纸机、热水壶、豆浆机等。

HC301 is a single pole, snap action, automatic reset circuit breaker of Aluminum Alloy cased, provides acompact profile, broad design flexibility and versatile mounting options. Widely used in heating tube, heating pad, paper shredder, electric kettle, soybean milk machine etc.

■ 产品尺寸（Product Dimensions）



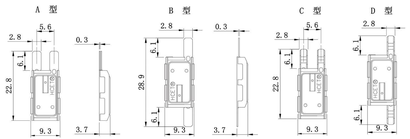
HC01/6AP系列 电机保护器 HC01/6AP SERIES MOTOR PROTECTOR

■ 产品介绍（Product Introduction）

HC01(6AP)通过对电流和温度的感应来进行保护，具有紧凑型设计、长寿命和可靠性等特点。广泛应用于摇窗电机、天窗电机、座椅电机、雨刷电机、滑门发动机、调节器发动机、洗衣机、果汁机、吸尘器等。

HC01(6AP) is actuated by current passing through it and by the heat received from the ambient temperature. It has compact design, long lifecycle. Reliability and more features.Widely used in window lift motor, skylight motor，wiper motor，seat motor,sliding door motor,regulator engine, washing machine, juicer, vacuum cleaner etc.

■ 产品尺寸（Product Dimensions）



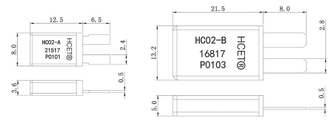
HC02系列 过载（过流）保护器 HC02 SERIES OVER-CURRENT PROTECTOR

■ 产品介绍（Product Introduction）

HC02系列保护器外壳为耐高温塑壳设计，是具有过温保护功能和精准控制电流过载的精密保护元件。广泛应用于摇窗电机、天窗电机、座椅电机、雨刷电机、滑门发动机、调节器发动机、电源排插等。

HC02 series over-current protector is a precise protector with plastic housing. It is sensitive to both temperature and current.Widely used in window lift motor, skylight motor，wiper motor，seat motor,sliding door motor,regulator engine,power strip etc.

■ 产品尺寸（Product Dimensions）



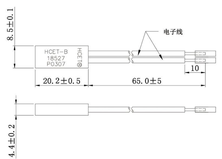
HCET-B系列 自持式电机保护器 HCET-B SERIES SELF-HOLD MOTOR PROTECTOR

■ 产品介绍（Product Introduction）

HCET-B（自持式）电流过载保护器具有过热保护和精准控制电流过载时间的保护功能，可选择切断电源后再接通功能（断电复位）。广泛应用于新能源充电枪、新能源充电桩、吸尘器、洗衣机、粉碎机、割草机等。

HCET-B (Self-hold) current and overload protector with thermal protection and control current overload time exactly,reset after cut power.Widely used in new energy charging gun，new energy charging pile, cleaner, electric tool, washing machine，pulverizer, mower etc.

■ 产品尺寸（Product Dimensions）



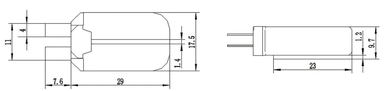
HCET-T系列 大电流过载保护器 HCET-T SERIES BIGCURRENT OVERLOAD PROTECTOR

■ 产品介绍（Product Introduction）

HCET-T系列车用大电流过载(过流)保护器外壳均为耐高温塑壳设计，是具有过温保护和精准控制电流过载保护的大电流保护元件。广泛应用于油泵电机、雨刮电机、翻斗电机、童车电机等。

HCET-T series of high current overload protectors for vehicles are designed with high-temperature resistant plastic shells. They are high current protection components with over temperature protection and precise control of current overload protection.Widely used in oil pump motor, wiper motor, bucket motor, baby carriage motor.

■ 产品尺寸（Product Dimensions）



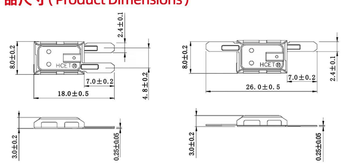
5AP/2MP系列 电机保护器 5AP/2MP SERIES MOTOR PROTECTOR

■ 产品介绍（Product Introduction）

5AP/2MP是同时具有过流、感温双重保护功能的保护元件，它能够精确控制电机堵转或电流过量对电机的损伤。广泛应用于摇窗电机、天窗电机、雨刷电机、座椅电机、滑门发动机、调节器发动机、门锁等。

5AP/2MP is a protective element with both over current and over temperature protection functions, which can accurately avoid the damage caused by locked rotor or over current to the motor.Widely used in window lift motor, skylight motor，wiper motor，seat motor，sliding door motor，adjuster-motor，door-locks etc.

■ 产品尺寸（Product Dimensions）



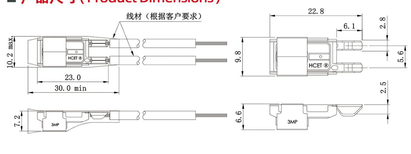
3MP系列 断电复位型电机保护器 3MP SERIES SELF-HOLD MOTOR PROTECTOR

■ 产品介绍（Product Introduction）

3MP(自持式)电流过载保护器具有过热保护和精准控制电流过载时间的保护功能，切断电源后才能再接通。广泛应用于电动工具、吸尘器、粉碎机、割草机、洗衣机、果汁机、豆浆机等。

3MP(Self-hold) current and overload protector with thermal protection and control current overload time exactly,reset after cut power.Widely used in electric tool, vacuum cleaner, paper shredder, mower, washing machine, juicer, soybean milk machine etc.

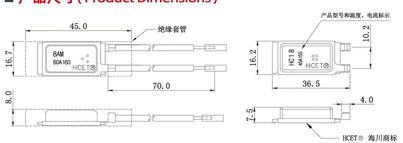
■ 产品尺寸（Product Dimensions）



HC18/8AM系列 电机保护器 HC18/8AM THERMAL MOTOR PROTECTOR

■ 产品介绍（Product Introduction）

HC18/8AM系列保护器是具有过温和过载双重保护。能有效地防止因电流过大，温度过高而产生的损害。广泛应用于电动工具、潜水泵、油泵电机、大型雨刮电机、搅拌机、高压清洗机、汽车马达、洗衣机等。

HC18/8AM series are both temperature and current sensitive. They can protect the applications like motor or transformer from overheating or loading. Widely used in electric tool, submersible pump, oil pump motor, large wiper motor, mixer, high-voltage washing machine, motor vehicle, washing machine etc.

■ 产品尺寸（Product Dimensions）