



陕西信鸿磁业科技有限公司

SHAANXI SHINHOM ENTERPRISE CO.,LTD

Professional supplier of electrical sensor

电量传感器专业供应商

概述

Overview

剩余电流传感器
Residual current sensor

● 执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

● 产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出、满足A+6型或B型

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting A+6 or B type requirements

● 产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)














交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

● 产品类型 Performance index

保护类型	波形特征	故障电流	典型应用
AC 型		正弦交流	交流充电桩, 对交流剩余电流检测
A 型		正弦交流	交流充电桩, 覆盖 AC 型, 并对脉动直流进行检测
		脉动直流	
F 型		正弦交流	交流充电桩, 覆盖 A 型, 并对高频交流进行检测
		脉动直流	
		高频交流	
6mA/DC 型		平滑直流	交流充电桩, 对 6mA 平滑直流进行检测
(A+6)型		正弦交流	交流充电桩 (模式二、模式三), 覆盖 A 型并对 6mA 以上平滑直流进行检测
		脉动直流	
		平滑直流	
B 型		正弦交流	交流充电桩 (模式三), 覆盖 F 型、(A+6)型并对高频电流进行检测
		脉动直流	
		平滑直流	
		高频交流	

快速选型表

Quick Selection Table

系列	外观	型号	保护类型	最大载流	适用范围	应用场景	页码
板载/穿孔式		ES201A1-0A01-C1A	Type B Type A+6mA/DC	自主选择	7kw及以下	充电模式二 充电模式三	09
板载/穿孔式		ES201A2-0A01-C1A	Type B Type A+6mA/DC	自主选择	7kw及以下	充电模式二 充电模式三	10
板载/穿孔式		ES201B1-0A01-C1A	Type B Type A+6mA/DC	自主选择	11kw及以下	充电模式二 充电模式三	11
板载/穿孔式		ES201B2-0A01-C1A	Type B Type A+6mA/DC	自主选择	11kw及以下	充电模式二 充电模式三	12
板载/穿孔式		ES201B3-0A01-C1A	Type B Type A+6mA/DC	自主选择	11kw及以下	充电模式二 充电模式三	13
板载/穿孔式		ES201C1-0A01-C1A	Type B Type A+6mA/DC	自主选择	3.5kw及以下	充电模式二 充电模式三	14
板载/穿孔式		ES201C2-0A01-C1A	Type B Type A+6mA/DC	自主选择	7kw及以下	充电模式二 充电模式三	15
板载/穿孔式		ES201C3-0A01-C1A	Type B Type A+6mA/DC	自主选择	11kw及以下	充电模式二 充电模式三	16
板载/穿孔式		ES201C4-0A01-C1A	Type B Type A+6mA/DC	自主选择	22kw及以下	充电模式二 充电模式三	17
板载/穿孔式		ES201D1-0A01-C1A	Type B Type A+6mA/DC	自主选择	22kw及以下	充电模式二 充电模式三	18
板载/预埋式		ES201C1-2A01-C1A	Type B Type A+6mA/DC	20A	3.5kw及以下	充电模式二 充电模式三	19
板载/预埋式		ES201C2-2A01-C1A	Type B Type A+6mA/DC	42A	7kw及以下	充电模式二 充电模式三	20
板载/预埋式		ES201K1-2A01-C1A	Type B Type A+6mA/DC	32A	7kw及以下	充电模式二 充电模式三	21

快速选型表

Quick Selection Table

系列	外观	型号	保护类型	最大载流	适用范围	应用场景	页码
板载/预埋式		ES201M1-2A01-C1A	Type B Type A+6mA/DC	42A	7kw及以下	充电模式二 充电模式三	22
板载/预埋式		ES201C3-4A01-C1A	Type B Type A+6mA/DC	32A	11kw及以下	充电模式二 充电模式三	23
板载/预埋式		ES201C3-4A02-C1A	Type B Type A+6mA/DC	42A	11kw及以下	充电模式二 充电模式三	24
板载/预埋式		ES201C4-4A01-C1A	Type B Type A+6mA/DC	80A	22kw及以下	充电模式二 充电模式三	25
板载/预埋式		ES201D1-4A01-C1A	Type B Type A+6mA/DC	80A	22kw及以下	充电模式二 充电模式三	26
板载/预埋式		ES201N1-4A01-C1A	Type B Type A+6mA/DC	32A	11kw及以下	充电模式二 充电模式三	27
板载/预埋式		ES201P1-4A01-C1A	Type B Type A+6mA/DC	32A	11kw及以下	充电模式二 充电模式三	28
接插件/穿孔式		ES201F1-0B01-C1A	Type B Type A+6mA/DC	自主选择	11kw及以下	充电模式二 充电模式三	29
接插件/穿孔式		ES201F2-0B01-C1A	Type B Type A+6mA/DC	自主选择	11kw及以下	充电模式二 充电模式三	30
接插件/穿孔式		ES201G1-0B01-C1A	Type B Type A+6mA/DC	自主选择	11kw及以下	充电模式二 充电模式三	31
接插件/穿孔式		ES201F3-0B01-C1A	Type B Type A+6mA/DC	自主选择	11kw及以下	充电模式二 充电模式三	32
接插件/穿孔式		ES201F4-0B01-C1A	Type B Type A+6mA/DC	自主选择	22kw及以下	充电模式二 充电模式三	33

快速选型表

Quick Selection Table

系列	外观	型号	保护类型	最大载流	适用范围	应用场景	页码
接插件/穿孔式		ES201F5-0B01-C1A	Type B Type A+6mA/DC	自主选择	11kw及以下	充电模式二 充电模式三	34
接插件/穿孔式		ES201F6-0B01-C1A	Type B Type A+6mA/DC	自主选择	22kw及以下	充电模式二 充电模式三	35
接插件/穿孔式		ES201H1-0B01-C1A	Type B Type A+6mA/DC	自主选择	22kw及以下	充电模式二 充电模式三	36
接插件/穿孔式		ES201J1-0B01-C1A	Type B Type A+6mA/DC	自主选择	22kw及以下	充电模式二 充电模式三	37
板载/预埋式		ES201C2-2A01-U3A	CCID20/6mA DC	42A	9.6kw及以下	美标充电模式	38
板载/预埋式		ES201M1-2A01-U3A	CCID20/6mA DC	42A	9.6kw及以下	美标充电模式	39
板载/预埋式		ES201C3-4A02-U3A	CCID20/6mA DC	42A	19.2kw及以下	美标充电模式	40
板载/预埋式		ES201C4-4A01-U3A	CCID20/6mA DC	40/80A	19.2kw及以下	美标充电模式	41
接插件/穿孔式		ES201F2-0B01-U3A	CCID20/6mA DC	自主选择	9.6kw及以下	美标充电模式	42
接插件/穿孔式		ES201G1-0B01-U3A	CCID20/6mA DC	自主选择	9.6kw及以下	美标充电模式	43
接插件/穿孔式		ES201F3-0B01-U3A	CCID20/6mA DC	自主选择	9.6kw及以下	美标充电模式	44
接插件/穿孔式		ES201F4-0B01-U3A	CCID20/6mA DC	自主选择	19.2kw及以下	美标充电模式	45

ES201板载类型(主回路穿孔式)

ES201 onboard type (main circuit perforated)

简介 Brief introduction

ES201A1系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201A1 series residual current sensor adopts flux gate technology and module design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出,满足A+6型或B型

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)

交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于7kw及以下
尺寸 (内孔*长*宽*高)	10*22*15*27mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 7kw and below
Dimensions (\varnothing *L*W*H)	10*22*15*27mm

剩余电流传感器(开关量)系列 RESIDUAL CURRENT SENSOR SERIES (SWITCH QUANTITY)

ES201板载类型(主回路穿孔式)

ES201 onboard type (main circuit perforated)

简介 Brief introduction

ES201A2系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201A2 series residual current sensor adopts flux gate technology and modular design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



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性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于7kw及以下
尺寸 (内孔*长*宽*高)	10*22*15*27mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 7kw and below
Dimensions (\varnothing *L*W*H)	10*22*15*27mm

剩余电流传感器(开关量)系列

RESIDUAL CURRENT SENSOR SERIES (SWITCH QUANTITY)

ES201板载类型(主回路穿孔式)

ES201 onboard type (main circuit perforated)

简介 Brief introduction

ES201B1系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201B1 series residual current sensor adopts flux gate technology and module design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



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供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于11kw及以下
尺寸 (内孔*长*宽*高)	16*40*11.5*48mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 11kw and below
Dimensions (\varnothing *L*W*H)	16*40*11.5*48mm

剩余电流传感器(开关量)系列

RESIDUAL CURRENT SENSOR SERIES (SWITCH QUANTITY)

ES201板载类型(主回路穿孔式)

ES201 onboard type (main circuit perforated)

简介 Brief introduction

ES201B2系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201B2 series residual current sensor adopts flux gate technology and modular design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



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性能指标 Performance index

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供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于11kw及以下
尺寸 (内孔*长*宽*高)	16*40*13*45mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 11kw and below
Dimensions (\varnothing *L*W*H)	16*40*13*45mm

ES201板载类型(主回路穿孔式)

ES201 onboard type (main circuit perforated)

简介 Brief introduction

ES201B3系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201B3 series residual current sensor adopts flux gate technology and module design, it can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



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性能指标 Performance index:

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于11kw及以下
尺寸 (内孔*长*宽*高)	18*37.5*13.3*41.5mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 11kw and below
Dimensions (\varnothing *L*W*H)	18*37.5*13.3*41.5mm

剩余电流传感器(开关量)系列

RESIDUAL CURRENT SENSOR SERIES (SWITCH QUANTITY)

ES201板载类型(主回路穿孔式)

ES201 onboard type (main circuit perforated)

简介 Brief introduction

ES201C1系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

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性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于3.5kw及以下
尺寸 (内孔*长*宽*高)	8.8*26.5*13*23.6mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 3.5kw and below
Dimensions (\varnothing *L*W*H)	8.8*26.5*13*23.6mm

ES201板载类型(主回路穿孔式)

ES201 onboard type (main circuit perforated)

简介 Brief introduction

ES201C2系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201C2 series residual current sensor adopts flux gate technology and m ich can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出、满足A+6型或B型

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)

交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于7kw及以下
尺寸 (内孔*长*宽*高)	10.8*26.5*16.6*23.6mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 7kw and below
Dimensions (\varnothing *L*W*H)	10.8*26.5*16.6*23.6mm

ES201板载类型(主回路穿孔式)

ES201 onboard type (main circuit perforated)

简介 Brief introduction

ES201C3系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201C3 series residual current sensor adopts flux gate technology and module design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出、满足A+6型或B型

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)

交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于11kw及以下
尺寸 (内孔*长*宽*高)	13.6*29.3*16.6*26.4mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 11kw and below
Dimensions (\varnothing *L*W*H)	13.6*29.3*16.6*26.4mm

剩余电流传感器(开关量)系列

RESIDUAL CURRENT SENSOR SERIES (SWITCH QUANTITY)

ES201板载类型(主回路穿孔式)

ES201 onboard type (main circuit perforated)

简介 Brief introduction

ES201C4系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201C4 series residual current sensor adopts flux gate technology and m ich can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出、满足A+6型或B型

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)

交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index:

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于22kw及以下
尺寸 (内孔*长*宽*高)	20.6*36.5*16.6*33.6mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 22kw and below
Dimensions (\varnothing *L*W*H)	20.6*36.5*16.6*33.6mm

剩余电流传感器(开关量)系列 RESIDUAL CURRENT SENSOR SERIES (SWITCH QUANTITY)

ES201板载类型(主回路穿孔式)

ES201 onboard type (main circuit perforated)

简介 Brief introduction

ES201D1系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201D1 series residual current sensor adopts flux gate technology and modular design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出、满足A+6型或B型

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)

交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于22kw及以下
尺寸 (内孔*长*宽*高)	27/15*48.2*19.4*38mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 22kw and below
Dimensions (\varnothing *L*W*H)	27/15*48.2*19.4*38mm

ES201板载类型(主回路预埋式)

ES201 onboard type (pre embedded main circuit)

简介 Brief introduction

ES201C1系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201C1 series residual current sensor adopts flux gate technology and modular design, it can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出,满足A+6型或B型

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)

交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	20A
适用范围	适用于3.5kw及以下
尺寸 (长*宽*高)	26.5*20*23.6mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	20A
Scope of application	Applicable to 3.5kw and below
Dimensions (L*W*H)	26.5*20*23.6mm

ES201板载类型(主回路预埋式)

ES201 onboard type (pre embedded main circuit)

简介 Brief introduction

ES201C2系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201C2 series residual current sensor adopts flux gate technology and m ich can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national. European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出、满足A+6型或B型

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)

交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	42A
适用范围	适用于7kw及以下
尺寸 (长*宽*高)	26.5*28.5*23.6mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	42A
Scope of application	Applicable to 7kw and below
Dimensions (L*W*H)	26.5*28.5*23.6mm

ES201板载类型(主回路预埋式)

ES201 onboard type (pre embedded main circuit)

● 简介 Brief introduction

ES201K1系列剩余电流传感器, 采用磁通门技术, 模块化设计, 可对交流、脉动直流、平滑直流、高频电流进行侦测, 实现自检功能和逻辑判断, 满足A+6型和B型剩余电流保护要求, 产品广泛应用于新国标、欧标、美标的电动汽车充电设施, 便携充(IC-CPD), WALLBOX,交流充电桩等。

ES201K1 series residual current sensor adopts flux gate technology and module design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



● 执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

● 产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出, 满足A+6型或B型

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting A+6 or B type requirements

● 产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)

交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

● 性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	32A
适用范围	适用于7kw及以下
尺寸 (内孔*长*宽*高)	22*24*27mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	32A
Scope of application	Applicable to 7kw and below
Dimensions (Ø*L*W*H)	22*24*27mm

ES201板载类型(主回路预埋式)

ES201 onboard type (pre embedded main circuit)

简介 Brief introduction

ES201M1系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX交流充电桩等。

ES201M1 series residual current sensor adopts flux gate technology and m ich can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出、满足A+6型或B型

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)

交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	42A
适用范围	适用于7kw及以下
尺寸 (长*宽*高)	28.5*26.5*16mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	42A
Scope of application	Applicable to 7kw and below
Dimensions (L*W*H)	28.5*26.5*16mm

ES201板载类型(主回路预埋式)

ES201 onboard type (pre embedded main circuit)

简介 Brief introduction

ES201C3系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201C3 series residual current sensor adopts flux gate technology and module design, it can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出,满足A+6型或B型

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)

交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	32A
适用范围	适用于11kw及以下
尺寸 (长*宽*高)	29.3*28.5*26.4mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	32A
Scope of application	Applicable to 11kw and below
Dimensions (L*W*H)	29.3*28.5*26.4mm

ES201板载类型(主回路预埋式)

ES201 onboard type (pre embedded main circuit)

简介 Brief introduction

ES201C3系列剩余电流传感器，采用磁通门技术。模块化设计，可对交流、脉动直流、平滑直流、高频电流进行侦测，实现自检功能和逻辑判断，满足A+6型和B型剩余电流保护要求，产品广泛应用于新国标、欧标、美标的电动汽车充电设施、便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201C3 series residual current sensor adopts flux gate technology and modular design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出、满足A+6型或B型

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)

交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	42A
适用范围	适用于11kw及以下
尺寸 (长*宽*高)	29.3*28.5*26.4mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	42A
Scope of application	Applicable to 11kw and below
Dimensions (L*W*H)	29.3*28.5*26.4mm

ES201板载类型(主回路预埋式)

ES201 onboard type (pre embedded main circuit)

简介 Brief introduction

ES201C4系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201C4 series residual current sensor adopts flux gate technology and module design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出,满足A+6型或B型

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)

交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	80A
适用范围	适用于22kw及以下
尺寸 (长*宽*高)	36.5*31*33.6mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	80A
Scope of application	Applicable to 22kw and below
Dimensions (L*W*H)	36.5*31*33.6mm

ES201 板载类型(主回路预埋式)

ES201 onboard type (pre embedded main circuit)

简介 Brief introduction

ES201D1系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201D1 series residual current sensor adopts flux gate technology and modular design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出、满足A+6型或B型

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)

交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	80A
适用范围	适用于22kw及以下
尺寸 (长*宽*高)	48.2*31.5*38mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	80A
Scope of application	Applicable to 22kw and below
Dimensions (L*W*H)	48.2*31.5*38mm

ES201板载类型(主回路预埋式)

ES201 onboard type (pre embedded main circuit)

简介 Brief introduction

ES201N1系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201N1 series residual current sensor adopts flux gate technology and module design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出,满足A+6型或B型

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)

交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	32A
适用范围	适用于11kw及以下
尺寸 (长*宽*高)	40*26*45mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	32A
Scope of application	Applicable to 11kw and below
Dimensions (L*W*H)	40*26*45mm

ES201板载类型(主回路预埋式)

ES201 onboard type (pre embedded main circuit)

简介 Brief introduction

ES201P1系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201P1 series residual current sensor adopts flux gate technology and module design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出、满足A+6型或B型

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)

交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	32A
适用范围	适用于11kw及以下
尺寸 (长*宽*高)	49*34*12mm

Protect Type	Type B or A+6mADC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	32A
Scope of application	Applicable to 11kw and below
Dimensions (L*W*H)	49*34*12mm

ES201接插件类型(主回路穿孔式)

ES201 connector type (main circuit perforated)

简介 Brief introduction

ES201F1系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201F1 series residual current sensor adopts flux gate technology and module design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、穿线灵活、端子输出、高精度、小体积、数字信号输出、满足A+6型或B型
Self checking function, flexible threading, terminal output, high precision, small volume, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)
交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于11kw及以下
尺寸 (内孔*长*宽*高)	17*36*19.5*37mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 11kw and below
Dimensions (\varnothing L*W*H)	17*36*19.5*37mm

ES201接插件类型(主回路穿孔式)

ES201 connector type (main circuit perforated)

简介 Brief introduction

ES201F2系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201F1-series residual current sensor adopts flux gate technology and m ich can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、穿线灵活、端子输出,高精度、小体积、数字信号输出,满足A+6型或B型
Self checking function, flexible threading, terminal output, high precision, small volume, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)
交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于11kw及以下
尺寸 (内孔*长*宽*高)	17*54.8*19.5*37mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 11kw and below
Dimensions (\varnothing *L*W*H)	17*54.8*19.5*37mm

ES201接插件类型(主回路穿孔式)

ES201 connector type (main circuit perforated)

简介 Brief introduction

ES201G1系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201G1 series residual current sensor adopts flux gate technology and module design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、穿线灵活、端子输出、高精度、小体积、数字信号输出,满足A+6型或B型
Self checking function, flexible threading, terminal output, high precision, small volume, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)
交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于11kw及以下
尺寸 (内孔*长*宽*高)	18*49*33.5*41.5mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low output
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 11kw and below
Dimensions (\varnothing *L*W*H)	18*49*33.5*41.5mm

ES201接插件类型(主回路穿孔式)

ES201 connector type (main circuit perforated)

简介 Brief introduction

ES201F3系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201F3 series residual current sensor adopts flux gate technology and modular design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、穿线灵活、端子输出、高精度、小体积、数字信号输出,满足A+6型或B型
Self checking function, flexible threading, terminal output, high precision, small volume, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)
交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于11kw及以下
尺寸 (内孔*长*宽*高)	15*42.5*12.8*35mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low output
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 11kw and below
Dimensions (\varnothing *L*W*H)	15*42.5*12.8*35mm

ES201接插件类型(主回路穿孔式)

ES201 connector type (main circuit perforated)

简介 Brief introduction

ES201F4系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201F4 series residual current sensor adopts flux gate technology and modular design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、穿线灵活、端子输出、高精度、小体积、数字信号输出、满足A+6型或B型
Self checking function, flexible threading, terminal output, high precision, small volume, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)
交流充电桩, WALLBOX (模式三充电), AC Charging pile/Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于22kw及以下
尺寸 (内孔*长*宽*高)	21.5*49.5*12.8*42mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 22kw and below
Dimensions (\varnothing *L*W*H)	21.5*49.5*12.8*42mm

ES201接插件类型(主回路穿孔式)

ES201 connector type (main circuit perforated)

简介 Brief introduction

ES201F5系列剩余电流传感器。采用磁通门技术，模块化设计，可对交流、脉动直流、平滑直流、高频电流进行侦测，实现自检功能和逻辑判断，满足A+6型和B型剩余电流保护要求，产品广泛应用于新国标、欧标、美标的电动汽车充电设施，便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201F5 series residual current sensor adopts flux gate technology and modular design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、穿线灵活、端子输出、高精度、小体积、数字信号输出、满足A+6型或B型
Self checking function, flexible threading, terminal output, high precision, small volume, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)
交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于11kw及以下
尺寸 (内孔*长*宽*高)	15*28*12.8*35mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 11kw and below
Dimensions (\varnothing *L*W*H)	15*28*12.8*35mm

ES201接插件类型(主回路穿孔式)

ES201 connector type (main circuit perforated)

简介 Brief introduction

ES201F6系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201F6 series residual current sensor adopts flux gate technology and modular design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、穿线灵活、端子输出、高精度、小体积、数字信号输出,满足A+6型或B型
Self checking function, flexible threading, terminal output, high precision, small volume, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)
交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于22kw及以下
尺寸 (内孔*长*宽*高)	21.5*35*12.8*42mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 22kw and below
Dimensions (\varnothing *L*W*H)	21.5*35*12.8*42mm

ES201接插件类型(主回路穿孔式)

ES201 connector type (main circuit perforated)

简介 Brief introduction

ES201H1系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201H1 series residual current sensor adopts flux gate technology and modular design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、穿线灵活、端子输出、高精度、小体积、数字信号输出、满足A+6型或B型
Self checking function, flexible threading, terminal output, high precision, small volume, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)
交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于22kw及以下
尺寸 (内孔*长*宽*高)	25.5*51*23*55.5mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 22kw and below
Dimensions (\varnothing L*W*H)	25.5*51*23*55.5mm

ES201接插件类型(主回路穿孔式)

ES201 connector type (main circuit perforated)

简介 Brief introduction

ES201J1系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201J1 series residual current sensor adopts flux gate technology and modular design, which can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 GB/T22794 GB/T40820 GB/T18487 GB/T41589 UL2231-2

产品特点 Product features

自检功能、穿线灵活、端子输出、高精度、小体积、数字信号输出、满足A+6型或B型
Self checking function, flexible threading, terminal output, high precision, small volume, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (模式二充电), Portable charger(IC-CPD) (Mode 2)
交流充电桩, WALLBOX (模式三充电), AC Charging pile, Wallbox (Mode 3)

性能指标 Performance index

保护类型	B型或A+6mA/DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于22kw及以下
尺寸 (内孔*长*宽*高)	30*78*24*62.5mm

Protect Type	Type B or A+6mA/DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 22kw and below
Dimensions (\varnothing *L*W*H)	30*78*24*62.5mm

ES201板载类型(主回路预埋式)

ES201 onboard type (pre embedded main circuit)

简介 Brief introduction

ES201C2系列剩余电流传感器，采用磁通门技术，模块化设计，可对交流、脉动直流、平滑直流、高频电流进行侦测，实现自检功能和逻辑判断，满足美标剩余电流保护要求，产品广泛应用于美标电动汽车充电设施，便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201C2 series residual current sensor adopts flux gate technology and modular design, which can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, meet the requirements of American standard residual current protection. The product is widely used in American standard electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 UL2231-2

产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出、满足美标剩余电流保护要求

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting American standard residual current protection requirements

产品应用 Product application

便携充(IC-CPD) (美标充电模式) , Portable charger(IC-CPD) (American standard charging mode)

交流充电桩, WALLBOX (美标充电模式) , AC Charging pile, Wallbox (American standard charging mode)

性能指标 Performance index

保护类型	CCID20/6mA DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	42A
适用范围	适用于9.6kw及以下
尺寸 (长*宽*高)	26.5*28.5*23.6mm

Protect Type	CCID20/6mA DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	42A
Scope of application	Applicable to 9.6kw and below
Dimensions (L*W*H)	26.5*28.5*23.6mm

ES201板载类型(主回路预埋式)

ES201 onboard type (pre embedded main circuit)

简介 Brief introduction

ES201M1系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足美标剩余电流保护要求,产品广泛应用于美标电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201M1 series residual current sensor adopts flux gate technology and modular design, which can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, meet the requirements of American standard residual current protection. The product is widely used in American standard electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 UL2231-2

产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出、满足美标剩余电流保护要求

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting American standard residual current protection requirements

产品应用 Product application

便携充(IC-CPD) (美标充电模式), Portable charger(IC-CPD) (American standard charging mode)

交流充电桩, WALLBOX (美标充电模式), AC Charging pile, Wallbox (American standard charging mode)

性能指标 Performance index

保护类型	CCID20/6mA DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	42A
适用范围	适用于9.6kw及以下
尺寸 (长*宽*高)	28.5*26.5*16mm

Protect Type	CCID20/6mA DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	42A
Scope of application	Applicable to 9.6kw and below
Dimensions (L*W*H)	28.5*26.5*16mm

ES201 板载类型(主回路预埋式)

ES201 onboard type (pre embedded main circuit)

简介 Brief introduction

ES201C3系列剩余电流传感器，采用磁通门技术，模块化设计，可对交流、脉动直流、平滑直流、高频电流进行侦测，实现自检功能和逻辑判断，满足美标剩余电流保护要求，产品广泛应用于美标电动汽车充电设施，便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201C3 series residual current sensor adopts flux gate technology and modular design, which can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, meet the requirements of American standard residual current protection. The product is widely used in American standard electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 UL2231-2

产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出、满足美标剩余电流保护要求

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting American standard residual current protection requirements

产品应用 Product application

便携充(IC-CPD) (美标充电模式), Portable charger(IC-CPD) (American standard charging mode)

交流充电桩, WALLBOX (美标充电模式), AC Charging pile, Wallbox (American standard charging mode)

性能指标 Performance index

保护类型	CCID20/6mA DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	42A
适用范围	适用于19.2kw及以下
尺寸 (长*宽*高)	29.3*28.5*26.4mm

Protect Type	CCID20/6mA DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	42A
Scope of application	Applicable to 19.2kw and below
Dimensions (L*W*H)	29.3*28.5*26.4mm

ES201板载类型(主回路预埋式)

ES201 onboard type (pre embedded main circuit)

简介 Brief introduction

ES201C4系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足美标剩余电流保护要求,产品广泛应用于美标电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201C4 series residual current sensor adopts flux gate technology and modular design, which can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, meet the requirements of American standard residual current protection. The product is widely used in American standard electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 UL2231-2

产品特点 Product features

自检功能、PCB安装、高精度、小体积、数字信号输出、满足美标剩余电流保护要求

Self inspection function, PCB installation, high precision, small size, digital signal output, meeting American standard residual current protection requirements

产品应用 Product application

便携充(IC-CPD) (美标充电模式), Portable charger(IC-CPD) (American standard charging mode)

交流充电桩, WALLBOX (美标充电模式), AC Charging pile, Wallbox (American standard charging mode)

性能指标 Performance index

保护类型	CCID20/6mA DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	40/80A
适用范围	适用于19.2kw及以下
尺寸 (长*宽*高)	36.5*31*33.6mm

Protect Type	CCID20/6mA DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	40/80A
Scope of application	Applicable to 19.2kw and below
Dimensions (L*W*H)	36.5*31*33.6mm

ES201 接插件类型(主回路穿孔式)

ES201 connector type (main circuit perforated)

简介 Brief introduction

ES201F2系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201F2 series residual current sensor adopts flux gate technology and modular design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 UL2231-2

产品特点 Product features

自检功能、穿线灵活、端子输出、高精度、小体积、数字信号输出,满足A+6型或B型
Self checking function, flexible threading, terminal output, high precision, small volume, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (美标充电模式), Portable charger(IC-CPD) (American standard charging mode)
交流充电桩, WALLBOX (美标充电模式), AC Charging pile, Wallbox (American standard charging mode)

性能指标 Performance index

保护类型	CCID20/6mA DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于9.6kw及以下
尺寸 (内孔*长*宽*高)	17*54.8*19.5*37mm

Protect Type	CCID20/6mA DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 9.6kw and below
Dimensions (\varnothing *L*W*H)	17*54.8*19.5*37mm

ES201接插件类型(主回路穿孔式)

ES201 connector type (main circuit perforated)

简介 Brief introduction

ES201G1系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201G1 series residual current sensor adopts flux gate technology and modular design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 UL2231-2

产品特点 Product features

自检功能、穿线灵活、端子输出、高精度、小体积、数字信号输出、满足A+6型或B型
Self checking function, flexible threading, terminal output, high precision, small volume, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (美标充电模式), Portable charger(IC-CPD) (American standard charging mode)
交流充电桩, WALLBOX (美标充电模式), AC Charging pile, Wallbox (American standard charging mode)

性能指标 Performance index

保护类型	CCID20/6mA DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于9.6kw及以下
尺寸 (内孔*长*宽*高)	18*49*33.5*41.5mm

Protect Type	CCID20/6mA DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 9.6kw and below
Dimensions (\varnothing *L*W*H)	18*49*33.5*41.5mm

剩余电流传感器(开关量)系列

RESIDUAL CURRENT SENSOR SERIES (SWITCH QUANTITY)

ES201接插件类型(主回路穿孔式)

ES201 connector type (main circuit perforated)

简介 Brief introduction

ES201F3系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201F3 series residual current sensor adopts flux gate technology and modular design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 UL2231-2

产品特点 Product features

自检功能、穿线灵活、端子输出、高精度、小体积、数字信号输出、满足A+6型或B型

Self checking function, flexible threading, terminal output, high precision, small volume, digital signal output, meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (美标充电模式), Portable charger(IC-CPD) (American standard charging mode)

交流充电桩, WALLBOX (美标充电模式), AC Charging pile, Wallbox (American standard charging mode)

性能指标 Performance index

保护类型	CCID20/6mA DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于9.6kw及以下
尺寸 (内孔*长*宽*高)	15*42.5*12.8*35mm

Protect Type	CCID20/6mA DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 9.6kw and below
Dimensions (\varnothing *L*W*H)	15*42.5*12.8*35mm

ES201接插件类型(主回路穿孔式)

ES201 connector type (main circuit perforated)

简介 Brief introduction

ES201F4系列剩余电流传感器,采用磁通门技术,模块化设计,可对交流、脉动直流、平滑直流、高频电流进行侦测,实现自检功能和逻辑判断,满足A+6型和B型剩余电流保护要求,产品广泛应用于新国标、欧标、美标的电动汽车充电设施,便携充(IC-CPD)、WALLBOX,交流充电桩等。

ES201F4 series residual current sensor adopts flux gate technology and module design, can detect AC, pulsating DC, smooth DC, and high-frequency currents, achieve self check function and logical judgment, and meet the requirements of A+6 and B residual current protection. The product is widely used in new national, European, and American standards for electric vehicle charging facilities, portable charging (IC-CPD), WallBox, AC charging piles, etc.



执行标准 Execution standards

IEC62955 IEC62752 IEC62423 IEC61851 IEC61008 UL2231-2

产品特点 Product features

自检功能、穿线灵活、端子输出、高精度、小体积、数字信号输出、满足A+6型或B型
Self checking function, flexible threading, terminal output, high precision, small volume, digital signal output; meeting A+6 or B type requirements

产品应用 Product application

便携充(IC-CPD) (美标充电模式), Portable charger(IC-CPD) (American standard charging mode)
交流充电桩, WALLBOX (美标充电模式), AC Charging pile, Wallbox (American standard charging mode)

性能指标 Performance index

保护类型	CCID20/6mA DC
供电电压	+5V
输出模式	高低电平
工作温度	-40°C~85°C
最大载流	自主选择
适用范围	适用于19.2kw及以下
尺寸 (内孔*长*宽*高)	21.5*49.5*12.8*42mm

Protect Type	CCID20/6mA DC
Power Supply Voltage(DC)	+5V
Output mode	High-low levels
Operating temperature	-40°C~85°C
Maximum current	Selected by the user
Scope of application	Applicable to 19.2kw and below
Dimensions (\varnothing L*W*H)	21.5*49.5*12.8*42mm



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