



产品规格书

Product Specification

文件编号 Document NO :

客户名称 Customer Name: Sagemcom			
客户零件编号 Customer part number : SMT602C-2			
择明产品名称 ZEMING product name : 电流互感器 current transformer			
择明产品型号 ZEMING Product number : ZMXQD46A			
文件发布日期 Document release date : 2022 年 04 月 29 日 29th April, 2022			
文件有效期 File validity period : 长期 long time			
版本号 Version number : V1.0			
择明审批确认 ZEMING Approval and verification		客户确认(签字或盖章均有效) Customer confirmation(sign or stamp)	
批准 Approval	审核 Audit	编制 Draw up	确认人 Confirmer : 日期 Date :
特别申明 : 1.此技术保证书请客户在 7 个工作日内确认回复,若在规定的时间内未答复,择明将视为同意。This is Technical Guarantee. Please customer confirm it and reply within 7 working days. And if it not be replied within the prescribed time, ZEMING will deem that customer has agreed it. 2.本技术协议为客供各执一份,客户端为原件。客户端确认后,也可以将此转换为自己控制协议,但内部协议条款不允许修改变动.This technical agreement is in duplicate,supplier holding one copy and customer holding the original copy. After being confirmed by customer,this agreement can also transform to be internal control agreement,but the terms of this agreement can not be allowed to modify changes. 3.双方确认后均需按照协议里面之相关要求进行控制,有违协议要求的导致 产品问题,需己方自行承担。After confirmed by both parties,it shall be carried out in according to the requirements of agreement, And against this agreement,it caused any products' problem,to duty party own bear. 4.客供双方提出变更必须使用此文件作为变更主页(可带附页)。This document must be used as main or home page of changes(can be with attached pages) when both parties propose changes.			

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变更记录
Change record

客户 Customer :		产品型号 Product model :		
变更版本 Version	变更时间 Date	变更记录 Content of change	变更原因 Change reason	变更执行人员 Operator

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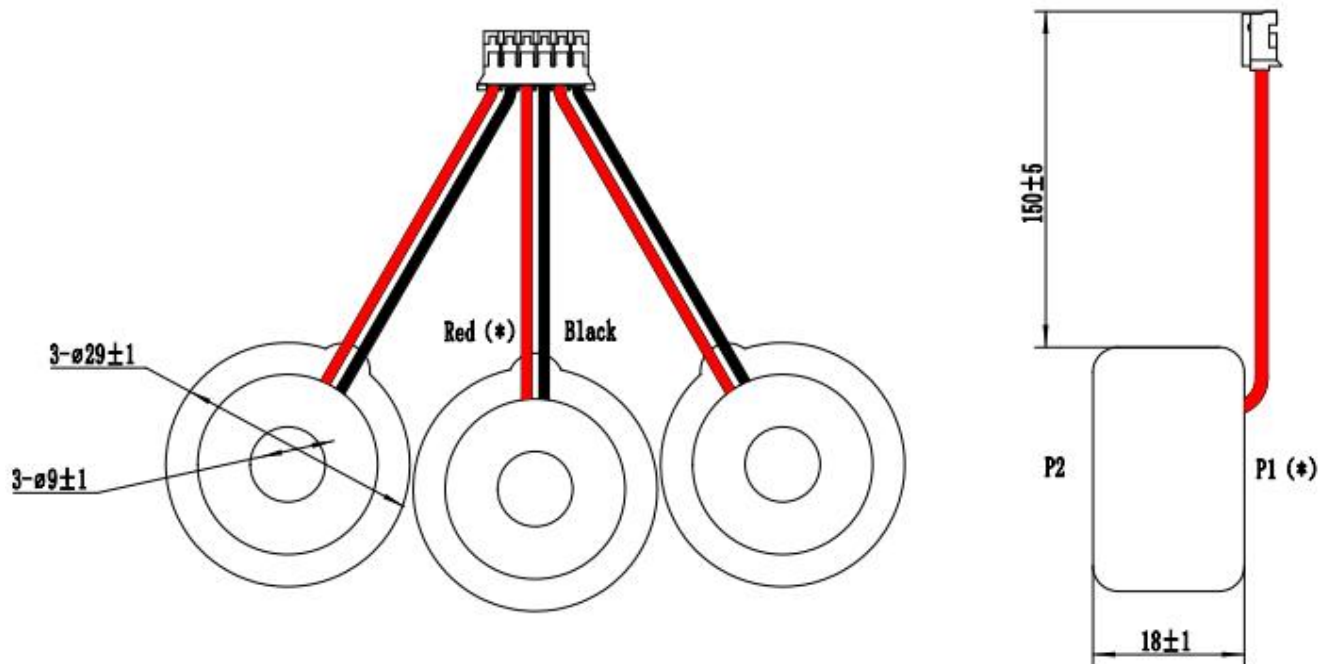
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1. 尺寸 Size



备注 Notes:

1) Unit 单位: mm

2) Current direction 电流方向: “*” 代表 “同名端”--- “*” means “same Polarity”



2. 特性参数 characteristic parameters:

参数 Characteristics	数值 Values
工作频率 Operating frequency	50Hz~400Hz
工作温度 Operating temperature	-40°C ~ +85°C
相对湿度 Relative humidity	≤95%
额定一次电流 Rated primary current I_p	5A
最大一次工作电流 Maximum primary operating current I_{max}	80A
80A 抗直流精度 Testing current for DC component 80A/Root 2	<3%
额定二次电流 Rated second current	2mA
变比 Transformation ratio	2500:1
负载电阻 User supplied burden resistor	5Ω
高压测试 Power frequency withstand voltage	4Kv/1min
绝缘电阻 Insulation resistance	>1000MΩ/500Vdc
精度等级 Accuracy class	0.1class

精度等级 Accuracy class	额定电流 I_p 的百分比 With the percentage(%)of I_p						
	5	20	100	120	200	400	I_{max}
额定电流的百分比 Rated Current Percentage							
比差 Ratio Error (±%)	0.25	0.2	0.1	0.1	0.1	0.1	0.1
相位 Phase Displacement(±')	15	15	10	10	10	10	10

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3. BOM 明细表 BOM List

编号 No.	材料 Material	规格 Spec. model	UL 编码 UL code	制造商 Manufacturer
1	内磁芯 Inner core	纳米晶磁芯 Nano-crystalline core	/	择明朗熙 ZEMING LANGXI
2	外磁芯 Outer core	非晶磁芯 Amorphous core	/	择明朗熙 ZEMING LANGXI
3	护壳 Core shell	PBT	E332375	南通东方塑料 Nantong Orient Plastics CO.,LTD
4	漆包线 Winding	2500T	E258243	杭州益利素勒 ELEKTRISOLA HANGZHOU CO LTD
5	引线 Leading wires	UL1430,26# Red & Black	E315651	ZHEJIANG CHENGBAO WIRE&CABLE
6	胶带 Tape	阻燃环保 Flame retardant, Environmental protection	E328315	深圳新华辉 SHENZHEN XINHUAHUI
7	端子 Connector	PH SERIES	/	浙江成明 ZHEJIANG CHENGMING ELECTRONCS TECHNOLOGY CO LTD
8	热缩套管 Heat-shrinkable tube	Φ 30mm,Black	E203950	苏州华鹏 SUZHOU HUAPENG

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