



产品承认书

Specification for Approval

文件编号 Document NO:

客户名称 Customer: /			
客户零件编号 Customer part number:			
择明产品名称 ZEMING product name: 开口式电流互感器 Split Core Current Transformer			
择明产品型号 ZEMING Product number: ZEMCTK09-66			
文件发布日期 Document release date: 2023 年 04 月 19 日 19th Apr, 2023			
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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:
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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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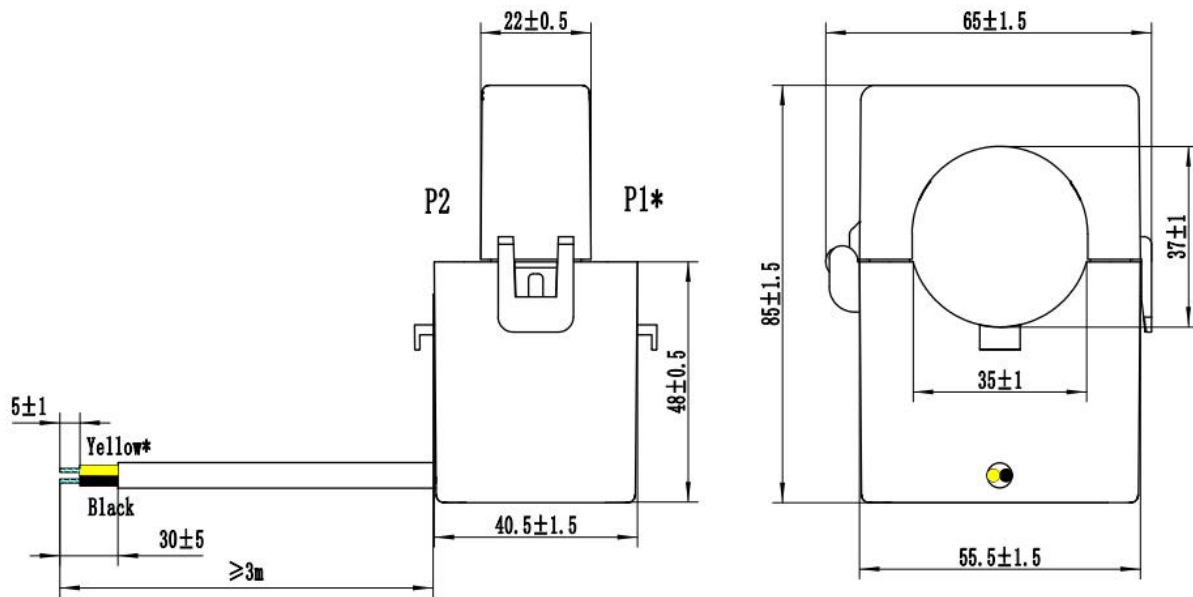
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电流互感器规格书 current transformer specification

1. 尺寸 Size



备注 Notes: Unit 单位: mm

1) 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
一次电流 Primary current I_p	200A
最大一次工作电流 Maximum primary operating current I_{max}	200A
Secondary current 二次电流	20mA
采样电阻 Sampling resistor R_B	10 Ω
工作频率 Operating frequency	50/60Hz
工作温度 Operating temperature	-40 $^{\circ}$ C~+85 $^{\circ}$ C
变比 Transformation ratio	10000:1
相对湿度 Relative humidity	$\leq 95\%$
高压测试 Power frequency withstand voltage	3kV/1min
绝缘电阻 Insulation resistance	$\geq 500M\Omega/500VDC$
精度等级 Accuracy class	0.5class

	额定电流百分比 at current (% of RD)			
	5	20	100	120
Ratio error 比值误差	$\pm 0.75\%$	$\pm 0.5\%$	$\pm 0.5\%$	$\pm 0.5\%$
Phase displacement 相位差	$\pm 90'$	$\pm 45'$	$\pm 30'$	$\pm 30'$

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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	磁芯 Core	铁氧体磁芯 Ferrite core	/	莱芜成威电子材料有限公司 LAIWU CHENGWEI
2	漆包线 Winding	10000turns	E206882	无锡巨丰复合线有限公司 ZHUHAI RONSEN SUPER MICRO-WIRE CO LTD
3	外壳 Outside shell	PBT	E332375	长春塑料 CHANGCHUN PLASTICS CO.,LTD
4	环氧树脂 Epoxy resin	TXH-9201-31	E196959	天津津桥 TIANJIN XINQIAO INSULATING MATERIAL CO
5	引线 Leading wires	AVVR 护套线 2*0.2mm2(Yellow& Black)	E315651	东莞丹阳 ZHEJIANG CHENGBAO
6	胶带 Tape	阻燃环保 Flame retardant, Environmental protection	E165111	深圳新华辉 SHENZHEN XINHUAHUI

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