

Specification for approval

Description(产品类型): Current Transformer

Customer P/N (客户):

ZETTLER P/N (赛特勒): XZM-CT240A04

Revision(版本号): PD1.0

Page(页数): 3

Drafted(制作): Yang Man

Checked(审核): Chen Chaolu

Approved(确认): He Zongnian



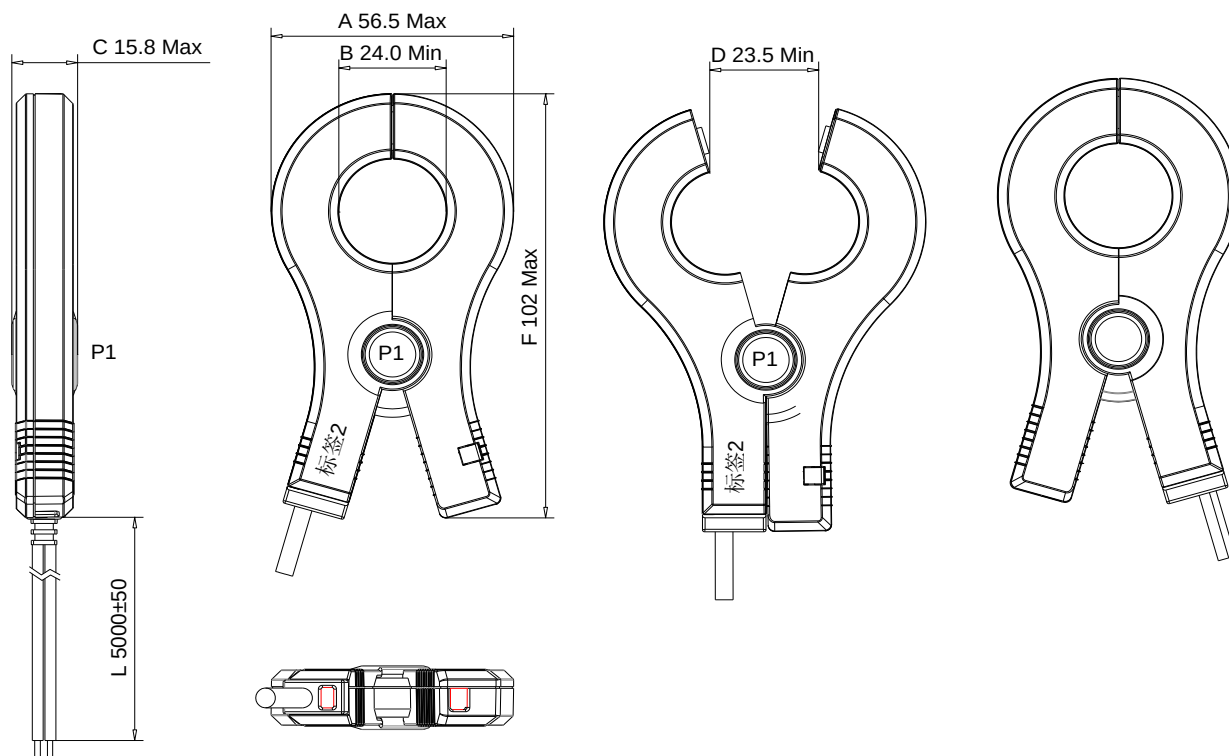
PD1.0	2025/05/20	Initial Release	Hezn
Rev.	Date	Description	Changed

Approved by Customer (客户确认) : _____

Friendly Reminder: Please help to sign this Spec when approve , and fax to our company .Or else, we will consider you have accepted it and make future order based on this Spec.

友情提示:请在签字确认后,按封面的传真号码回传给赛特勒磁电有限公司.如无回传,则视为默认,后续的相关订单将以按本承认书的规定为技术要求.

1. OUTLINE DRAWING(外形图):UNIT(单位): mm



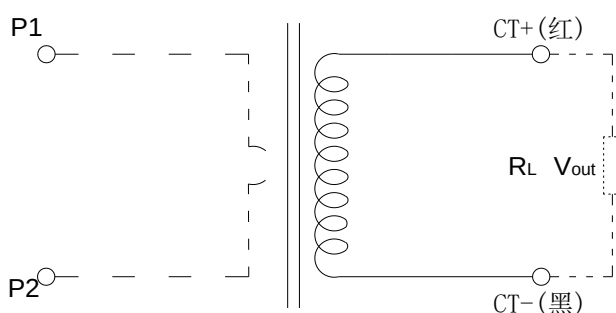
标签 1: P1, 标签 2:

2.Label 2(标签 2 图)

XZM-CT240A04
YYWW

YY:Year/年
WW:Week/周

3.SCHEMATIC(原理图):



Remark:
The dotted line does not exist,
just to illustrate the principle and
test requirements.

4. ELECTRICAL SPECIFICATION(电气特性):**TEST TEMPERATURE(测试温度)@25±2℃:**

Item 项目	Terminal 端子		Load=7.8Ω，负载电阻 7.8Ω			
Accuracy 精度(比差)	CT+(红)—CT-(黑)	Input rated current %, P1—P2, 50Hz,	5%	20%	100%	120%
		Input rated current (A), P1—P2, 50Hz	12A	48A	240A	288A
		Amplitude error(%) 电流幅值误差（比差）	±0.50%	±0.40%	±0.35%	±0.35%
		Phase angle error (°) 电流相位误差（角差）	45' Max	40' Max	35' Max	35' Max
Item 项目	Terminal 端子	Specification 规格值	Test condition 测试条件			
DCR 直流电阻(Ω)	CT+(红)—CT-(黑)	300Ω Max	Ta=25℃			

5.NOTES FOR USE (产品使用注意事项):

- 1) Rohs compliant directive 2011/65/EU(产品符合欧盟 ROHs 2011/65/EU 指令)
- 2) Operating Temperature range 操作温度范围: -25℃ to +75℃
- 3) Storage temperature range 存储温度范围: -25° to +75℃
- 4) Rated working Frequency (工作频率): 50/60Hz(sinusoidal)
- 5) Rated current 额定电流: 240Arms
- 6) Load Resistance: $\leq 7.8\Omega$
- 7) Turns Ratio 圈比: 1:5000
- 8) $V_{out} = \frac{I_{in} R_{load} N_p}{N_s}$ (I_{in}: input current; R_{load}: load resistor, N_p: Number of primary turns;

N_s: Number of secondary turns)