

浙江

系列

创新赋能 智享未来



CTM9LR

系列剩余电流动作断路器（自动重合闸）

Series Residual Current Operated Circuit Breaker (Automatic Recloser)

产品特点

Product characteristics

- 1、125-800A高性能32位微处理器智能化控制；
- 2、可通讯，保护功能和参数可在线设置；
- 3、智能控制器一二次分离设计，带热电插拔；
- 4、支持特波保护、自动跟踪定档、三段保护，电子脱扣（与电源电压无关），具有热磁式后备保护和零飞弧功能；
- 5、产品经各大检测院检测，满足《低压综合配电箱技术规范》的方案1、方案2、方案9需求；
- 6、可用于智能JP柜、光伏、费控等，满足国网南网各省要求。

1. 125-800A high performance 32-digit microprocessor intelligent control;
2. It has communication port. Protection functions and parameters can be set online;
3. Intelligent controller primary and secondary separate design, and it has the thermoelectric plug;
4. Tert-wave protection, automatic tracking setting, three section protection, electronic trip (no related with power supply). It has thermal magnetic back-up protection and zero arcs function;
5. The product has passed various testing by different testing institutes. And it can meet the requirements of Plan 1, Plan 2 and Plan 9 of LV Comprehensive Distribution Box Technical Scope;
6. It can be used in the intelligent JP cabinet, photovoltaic, cost-control and etc. It can meet with the requirements of our state grid or south grid or different provinces.

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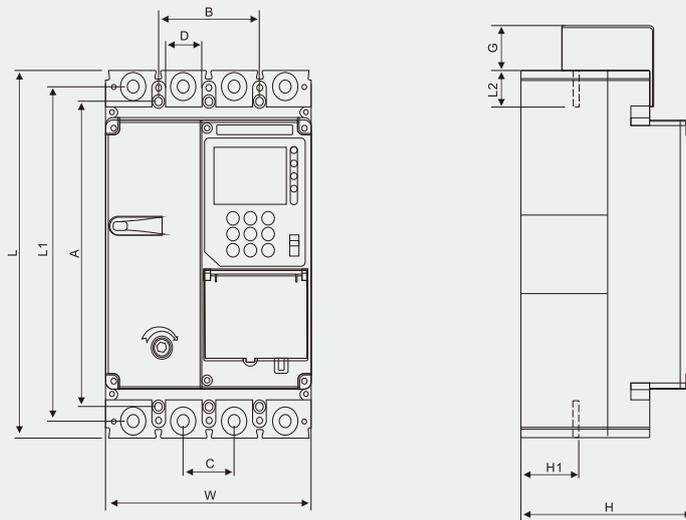


主要技术参数 Main technical parameters

| 瓯江 Oujiang 型号 Model | CTM9LR-125 CTM9LR-250 | | CTM9LR-400 CTM9LR-630(增容型) Capacity-increased type | | CTM9LR-630 CTM9LR-800(增容型) Capacity-increased type | |
|---|--|----|--|----|--|----|
| 壳架等级额定电流 Inm(A) Frame grade rated current Inm(A) | 125/250 | | 400/630 | | 630/800 | |
| 极数 Pole | 3P+N、4P | | 3P+N、4P | | 3P+N、4P | |
| 额定电流(可调) In(A) Rated current (adjustable) In(A) | (0.4~1.0)In | | (0.4~1.0)In | | (0.4~1.0)In | |
| 额定绝缘电压 Ui(V) Rated insulation voltage Ui(V) | 1000 | | 1000 | | 1000 | |
| 额定工作电压 Ue(V) Rated working voltage Ue(V) | 400 | | 400 | | 400 | |
| 额定冲击耐受电压 Uimp(kV) Rated impulse withstand voltage Uimp(kV) | 12 | | 12 | | 12 | |
| 额定极限短路分断能力级别 Rated limit short-circuit breaking capacity class | M | H | M | H | M | H |
| 额定极限短路分断能力 Icu(kA) Rated limit short-circuit breaking capacity Icu(kA) | AC400V | 36 | 50 | 50 | 65 | 70 |
| 额定运行短路分断能力 Ics(kA) Rated running short-circuit breaking capacity Ics(kA) | AC400V | 25 | 36 | 50 | 65 | 70 |
| 额定短时耐受电流 Icw(kA)/1s Rated short time withstand current Icw(kA)/1s | 10 | | 10 | | 10 | |
| 额定剩余动作电流 IΔn(mA) Rated residual operated current Icw(kA)/1s | 30/50/75/100/200/300/500/OFF分级调节(非延时型) | | step regulation (non time delay type) | | 310V±5%(光伏) | |
| 过压动作值 Overvoltage operated value | 280V±5%默认关闭(OFF),可开启(ON) | | 280V±5% default as OFF, and it can be ON | | 310V±5% (photovoltaic) | |
| 欠压动作值 Undervoltage operated value | 165V±5%默认关闭(OFF),可开启(ON) | | 165V±5% default as OFF, and it can be ON | | | |
| 飞弧距离(mm) Flashover distance (mm) | 0 | | 0 | | 0 | |
| 后备保护 Back-up protection | 磁脱扣 / 热磁脱扣 | | Magnetic trip / thermal magnetic trip | | | |

外形及安装尺寸 Overall and dimensions

单位 Unit: mm



| 规格 Specification | 外形尺寸 Contour size | | | | | | 安装尺寸 Installation size | | | 外接铜排宽度 External copper busbar width | 零飞弧罩 Zero flashover hood | 安装螺丝规格 Specification of mounting screw | 接线螺丝 Wiring screw | 单个绝缘橡皮长 Length of single insulating rubber tape |
|---------------------|----------------------|-----|-----|-----|----|----|---------------------------|-----|----|--|-----------------------------|---|----------------------|--|
| Oujiang | L | W | H | L1 | H1 | L2 | A | B | C | D | G | | | |
| CTM9LR-125/250 | 234 | 142 | 120 | 213 | 36 | 22 | 194 | 70 | 35 | 25 | 28 | M4X85 | M8X20 | 65 |
| CTM9LR-400/630 | 335 | 195 | 175 | 303 | 40 | 33 | 265 | 96 | 48 | 35 | 45 | M6X65 | M10X35 | 101 |
| CTM9LR-630/800 | 335 | 240 | 176 | 299 | 38 | 37 | 265 | 116 | 58 | 43 | 45 | M6X65 | M12X40 | 100 |