



1 产品用途 Product Using

该继电器系 JCDY-2A 直流电压继电器改进型，除具有原继电器的特点外，集过电压保护、低电压闭锁于一体、可广泛用于直流屏、镉镍电池屏，作直流系统工作状态监视自动调节的测量元件。

This series are the improved generation of JCDY-2A DC voltage relay. Besides the original characteristics, this series combine over-voltage protection and low voltage locking together, and are applying for DC panel and cadmium-nickel battery panel as measuring elements of automatic adjustment of DC system working status.

2 主要技术参数 Main Technological Parameter

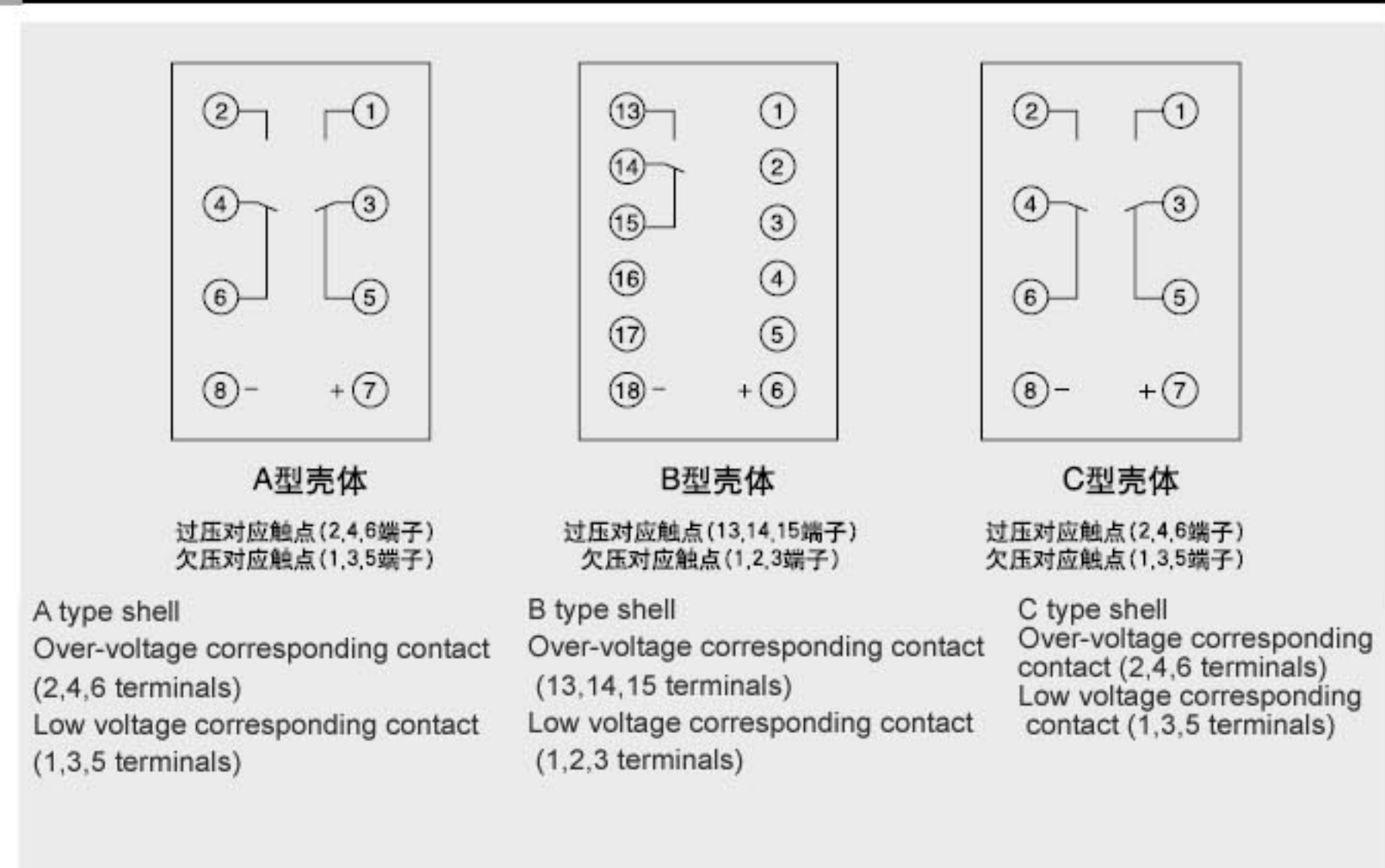
- 额定直流电压：220V、110V、380V。
- 返回系数：过压 97~99%；欠压 101~103%。
- 动作时间：1.1 倍动作值下动作时间不大于 25ms。
- 返回时间：1.1 倍动作值下返回时间不大于 25ms。
- 整定误差：不大于 ± 2%。
- 功率消耗：不大于 10W。
- 触点容量：在电压不超过 250V，电流不超过 5A，时间常数为 $5 \pm 0.75\text{ms}$ 的直流有感负荷电路中，产品输出触点的断开容量为 50W。输出触点在上述规定的负荷条件下，产品能可靠动作及返回 5×10^4 次，输出触点长期允许接通电流为 5A。

Rated DC voltage: 220V, 110V, 380V
Return coefficient: over-voltage 97~99%; low voltage 101~103%
Operating time: when 1.1 times operating value, operating time $\leq 25\text{ms}$
Return time: when 1.1 times operating value, return time $\leq 25\text{ms}$
Set error: $\leq \pm 2\%$
Power consumption: $\leq 10\text{W}$

Contact capacity: when in the DC inductive load circuit that voltage $\leq 250\text{V}$, current $\leq 5\text{A}$, time coefficient = $5 \pm 0.75\text{ms}$, breaking capacity of product output contact is 50W. Under the above load condition, output contact can operate and return 5×10^4 times reliably, and the long term permit making current of output contact is 5A.

规格 Specification	欠压整定范围 Low voltage setting range	过压整定范围 Over-voltage setting range
JCDY-2A/220V	180~220V	220~279V
JCDY-2A/110V	80~110V	110~150V
JCDY-2A/48V	40~48V	48~56V

3 接线图 Wiring drawing



5 外形安装尺寸 Outline and mounting dimensions

