



1 产品概述 Product Summarize

ZJJ-1A型直流绝缘监视继电器(以下简称继电器)是监视直流母线绝缘情况的一种继电器。适用于监视低压直流母线绝缘情况。当母线对地绝缘降低到一定值时,继电器可预发警告信号。

ZJJ-1A type DC insulation scrutiny relay (for short: relay) is a relay of monitoring DC bus bar insulation condition. This series are applying for monitoring low voltage bus bar insulation condition. When bus bar insulation against ground decreases to a certain value, the relay can send out alarm signals.

2 主要技术参数 Main Technological Parameter

- 电压等级和电流值: 220V 15mA、220V 2.2mA、110V 3.1mA、48V 6.3mA。
 继电器的平衡电阻和灵敏元件电阻值
 ·voltage class and current value: 220V 15mA, 220V 2.2mA< 110V 3.1mA, 48V 6.3mA.
 Balance resistance of the relay and resistance value of sensing instruments

规格 Specification	平衡电阻 ± 5% Balance resistance±5%	灵敏元件绕组电阻值 ± 10% Resistance value of sensing instruments winding±10%
220V 1.5mA	2 × 6.8KΩ	27000Ω
220V 2.2mA		13500Ω
110V 3.1mA	2 × 2KΩ	6600Ω
48V 6.3mA	2 × 400KΩ	1150Ω

继电器动作值: 当母线任何一侧对地绝缘电阻下降到下表规定值时, 继电器应可靠动作。

Relay operating value: when any side of the bus bar insulation against ground resistance decreases to the following value, the relay can operate reliably.

规格 Specification	动作绝缘电阻值 /KΩ Operating insulation resistance value	额定绝缘电阻值 /KΩ Rated insulation consistence value
DC 220V	25~15	100
DC 110V	6.4~3.7	25
DC 48V	1.5~0.85	0.006

- 功率消耗: 不大于4.5W。 ·Power consumption: ≤4.5W

3 安装开孔尺寸、接线图 Mounging plate opening size,Wiring drawing

