

CAKJ-DDL96 Comprehensive Alarm

1. Overview

CAKJ-DDL96 comprehensive alarm is a low-power, interference-free, high-volume electronic alarm device designed for central signal alarm in power systems. Using a microcontroller to simulate the sound spectrum of an electromagnetic bell and whistle, the similarity between its sound and that of an electromagnetic bell and whistle is 98%.

2. Technical Parameters

Working power supply: AC/DC 80~265V, wide voltage AC/DC universal, DC24V specified when ordering.

Power consumption: not exceeding 3VA.

Sound volume: 120dB.

Electric bell: when terminals 9-10 are disconnected, the electric bell sounds an alarm.

Electric horn: terminal 9-10 short-circuited, electric horn sounds alarm.

Working mode: (1) Short circuit terminals 7-8, power-on alarm; (2) Terminal 7-8 connected to the alarm contact, which will sound an alarm in case of a fault.

Volume control: short circuit terminals 6-5, high volume H; short circuit terminals 4-5, low volume L.

Isolation voltage: input terminal to ground 3000V, 1 minute.

Insulation resistance: >100MΩ.

Anti-interference capability: the product can withstand the tests specified in Chapter 5 of GB/T 17626.4-2008, Level 4 electrical fast transient burst immunity test.

Applicable environment: temperature -25~55°C, humidity not exceeding 90%RH.

Mean time between failures: not less than 50000 hours.

3. External Dimensions and Wiring

Dimensions: 96x96x80mm; hole size: 87x87mm.