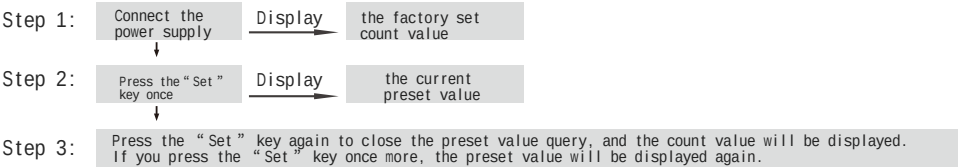
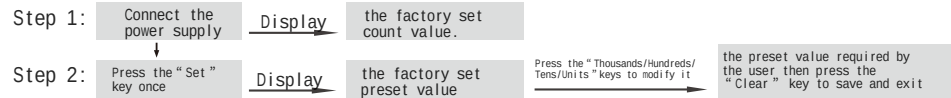


VII. Function Settings

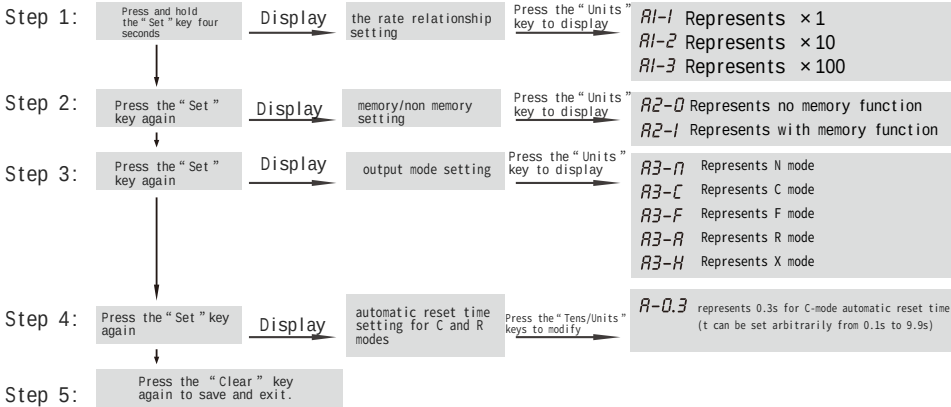
1. Preset Value Query



2. Preset Value Setting



3. Rate Setting, Memory Function Setting, Output Mode Setting, and C/R Mode Time Setting (No Step 4 for N/F/X Modes)



Note: Querying parameters during the counting process does not affect the counting.

VIII. Order Instructions

1. When placing an order, the product model, working voltage, and quantity must be specified.
2. For regular products, the default mode at the factory is N mode, with no memory function and a rate of ×1. If other modes, a memory function, or other rate relationships are required, please set them according to the above steps.
- Example: DH48J (button type), AC/DC100 - 240V, 500 pieces





产品合格证

符合标准: GB/T 14048.5

检验员: 检 01

出厂日期: 见产品或包装

本产品经检验合格, 准予出厂。

C-Lin 欣灵电气股份有限公司
XINLING ELECTRICAL CO., LTD.

C-Lin[®]
欣灵电气股份有限公司
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技术咨询: 400-8236-775



RECYCLABLE



使用说明书
Products Instructions

DH48J (Button Type)
Counting Relay

N/C/F/R/X Modes

Thank you very much for using C-Lin brand products. Please read the instruction manual before use!

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I. Overview

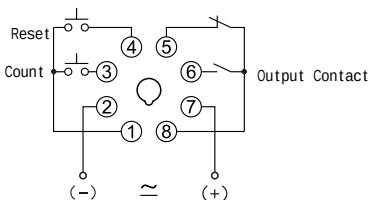
The DH48J (button - type) counting relay is suitable for use as a counting element in control circuits with an alternating current of 50/60Hz, a rated working voltage of 380V or below, or a direct - current working voltage of 240V or below. It connects or disconnects circuits according to preset numbers.

This product meets the requirements of GB/T 14048.5.

II. Main Technical Data

- Working voltage (control power supply voltage): AC380V, AC/DC100 - 240V, AC/DC24V 50/60Hz, allowable voltage fluctuation range (85% - 110%) U_e ;
- Counting range: 1 - 9999 ($\times 1$, $\times 10$, $\times 100$ rate);
- Counting signal: Contact, travel switch, etc.;
- Counting frequency: ≤ 30 times/second, minimum signal pulse $\geq 15\text{ms}$;
- Power - off memory: 10 years;
- Reset mode: Reset by the clear key, or reset by short - circuiting terminals ① and ④;
- Output mode: N, C, F, R, X types;
- Contact capacity: 3A AC250V (resistive);
- U_e/I_e : For each rated working voltage U_e /rated working current I_e in the usage category: AC - 15 U_e : AC250V, I_e : 3A;
- Conventional heating current I_{th} : 5A;
- Rated insulation voltage U_i : 400V;
- Rated impulse withstand voltage U_{imp} : 2.5KV;
- Pollution degree: Level 3;
- Protection class: Front panel IP20;
- Ambient temperature: -5°C - $+40^\circ\text{C}$;
- Relative humidity: $\leq 90\%$;
- Altitude: $\leq 2000\text{m}$;
- Installation method: Panel - type, 35mm rail or base - fixed installation;

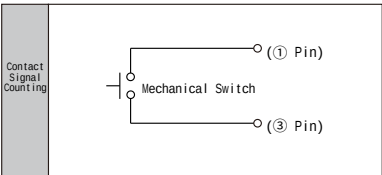
III. Wiring Diagram



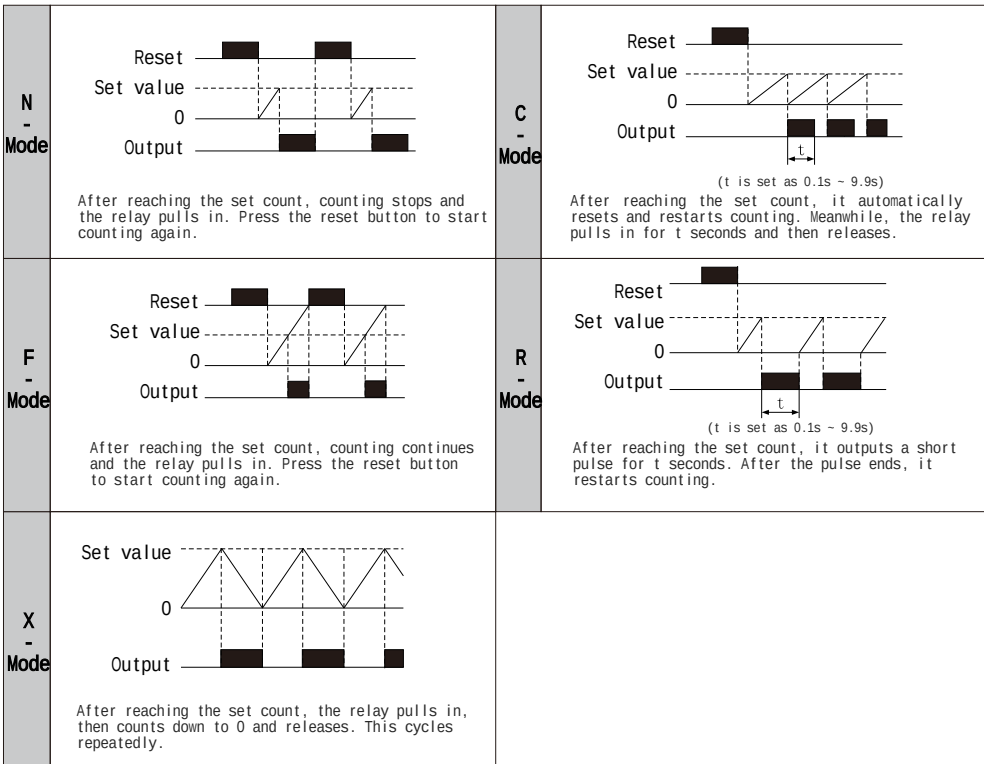
Note 1: Terminals ② and ⑦ are power input terminals (for DC, ⑦ is the positive pole and ② is the negative pole); Terminals ① and ③ are counting signal input terminals; Terminals ① and ④ are reset terminals; Terminals ⑤ and ⑧ are normally closed contacts; Terminals ⑥ and ⑧ are normally open contacts.

Note 2: The counting signal input wires and reset control wires should be as short as possible. Avoid running them in the same conduit or twisting them together with other wires such as power wires and power - driven wires. When necessary, use shielded wires, and do not input voltage to the reset terminal to avoid damaging the product.

IV. Counting Signal Input

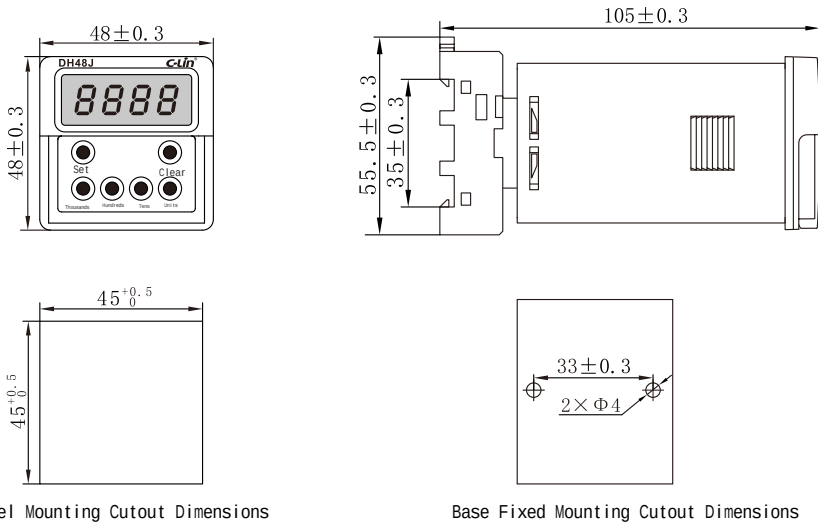


V. Output Mode Diagrams



Note: N, F, X modes require manual reset; C, R modes are automatic reset.

VI. Outline and Cutout Dimensions Diagram



Panel Mounting Cutout Dimensions

Base Fixed Mounting Cutout Dimensions