

# TOTALIZING COUNTER

## AC-116B

### *Total Counter*

![Counter Tachometer](image)

### Specifications

- **Count Input:** Contact: Counted when contact is closed (Use built-in external power supply)
  - Voltage: “L” Counted at the rise to “H”
  - “L”: 0 to 2V DC
  - “H”: 4.5 to 30V DC
- **Maximum Counting Speed:** 10cps/5Kcps (By input terminal selection)
- **Minimum Pulse Width:** 10cps: 50ms, 5Kcps: 0.1ms
- **Input Resistance:** 1000Ω, 5Kcps: 12kΩ
- **Maximum Counting Value:** 999,999
- **Display Method:** Leading zero on the upper display is not shown
- **Stored Data Hold:** Selected depending on types. Trikkle charge by Ni-Cd battery. Duration: 5000 hours (When fully charged at 25℃)
- **External Control:**
  - Back-up (When voltage is applied to reset terminals)
    - Voltage: “L” Reset at rise to “H”
    - “L”: 0 to 2V DC
    - “H”: 4.5 to 30V DC
  - Leading zero suppression
  - Latch terminals
  - Can provide power supply for sensor
  - Bright LED 14.2mm (Red)
  - Excitation power Supply

### Ordering Code

- **AC-116B-**
- **1. Back-up Power Supply**
  - AC90~132V
  - AC180~264V
- **2. Provided**
- **Power Supply**
  - AC90~132V
  - AC180~264V

### Dimensions

- **Front**
  - Width: 96mm
- **Side**
  - Height: 48mm
- **Panel Cutout**
  - Width: 96mm
  - Height: 48mm
- **Panel thickness 0.8 to 5.0mm**

### Connection Diagram

[Diagram showing connection details]

### Features

- Back-up battery (option)
- Leading zero suppression
- Latch terminals
- Can provide power supply for sensor
- Bright LED 14.2mm (Red)
- Excitation power Supply

### Built-in External Power:

- External power supply for sensor
  - DC+12V, 50mA (at 100/200V AC)
  - Ripple: Less than 5%
- Display:
  - LED 14.2mm
- Operating Temperature:
  - 0～50℃, 35 to 80%RH
- Power Supply:
  - AC90~132V
  - AC180~264V
- Power Consumption:
  - Approx. 3.5VA (100/200V, External power of 50mA)
  - Ripple: less than 5%
- Dimensions:
  - Approx. 96(H) × 48(W) × 95(D)mm DIN Size
- Weight (Unit only):
  - Approx. 350g