



# AKH-0.66/M8 Direct-Connected Current Transformer Series

Verified English product data for the Malaysian market



## Application

- Small primary current measurement or protection.
- Designed for low-voltage draw-out cabinets and other small-space installations.

## Basic Parameters

- Models: M8 / Double M8
- Rated operating voltage: AC 0.66 kV
- M8 ratio: 5-100/5(1) A
- Double M8 ratio: 5-100/5 A
- Installation: H fixed plate

## Model Selection Parameters

**AKH-0.66/M8 Model Selection Parameters**

| Model     | Ratio (A)  | Accuracy class and corresponding rated load (VA) |      |     |     |     | Primary turns | Installation |
|-----------|------------|--------------------------------------------------|------|-----|-----|-----|---------------|--------------|
|           |            | 0.2S                                             | 0.5S | 0.2 | 0.5 | 1   |               |              |
| M8        | 5-100/5(1) |                                                  |      |     | 1.5 | 2.5 | Direct        | H            |
| Double M8 | 5-100/5    | 1.5                                              | 1.5  | 1.5 |     |     |               |              |

## Technical Indicators



### Electrical Ratings

- Rated operating voltage:  
AC 0.66 kV
- Power-frequency withstand:  
3000 V/1 min, 50 Hz
- Rated frequency: 50-60 Hz



### Measurement Data

- Primary current: 5-100 A
- Secondary output: 5 A or 1 A
- M8: Class 0.5 or Class 1
- M8 load: 1.5 VA or 2.5 VA
- Double M8: Class 0.2S,  
Class 0.5S or Class 0.2



### Environment

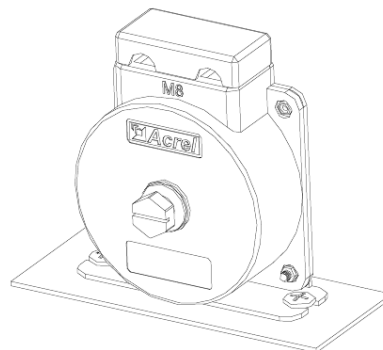
- Ambient temperature:  
-30 C to +70 C
- Altitude:  $\leq 3000$  m
- Indoor installation without  
direct rain or snow, severe  
pollution or strong impact

## Installation Instruction

### Actual product



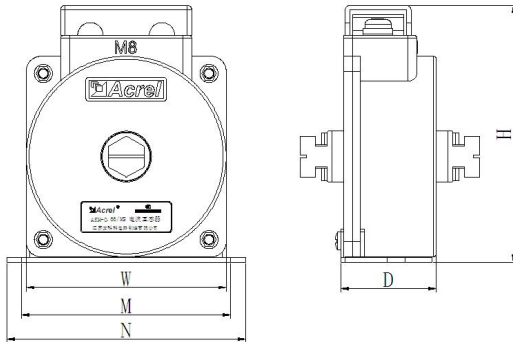
### Official installation drawing



H: Fixed by fixed plate

## Product Feature

### M8 Outline and Mounting Dimensions



The AKH-0.66/M8 series is designed for small primary currents and limited installation space, particularly low-voltage draw-out cabinets. The M8 and Double M8 models use direct primary connections and fixed-plate mounting. M8 is available with 5-100/5(1) ratios, Class 0.5 at 1.5 VA or Class 1 at 2.5 VA. Double M8 is available with 5-100/5 ratios and Class 0.2S, Class 0.5S or Class 0.2 at 1.5 VA.

## Dimensions

| Model     | W (mm) | H (mm) | D (mm) | M (mm) | N (mm) | Tolerance |
|-----------|--------|--------|--------|--------|--------|-----------|
| M8        | 67     | 86     | 30     | 70.8   | 80.5   | +/-1 mm   |
| Double M8 | 67     | 86     | 56     | 70.8   | 80.5   | +/-1 mm   |

## Design and Test Standard

IEC 61869-2:2012, MOD

The values and model distinctions in this document were transcribed from the official AKH-0.66/M8 specification and the current AKH-0.66 series CE certificate. No test report is included.