

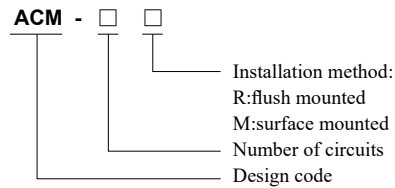
## ACM Series Metal Distribution Box



### 1 Overview

With full-metal shell, ACM series distribution box is used to accommodate neutral terminal block, earthing terminal block and DIN rail, and can work together with Tengen module distribution protection products. The shell surface is subject to RAL7035 light gray-white epoxy resin electrostatic spraying treatment. With flush-cover design and concealed door cover screws, the product looks elegant and generous in different installation environments. There are wall-mounted installation (surface mounted box) and wall-embedded (concealed box) installations provided.

### 2 Type Designation



### 3 Technical Parameters

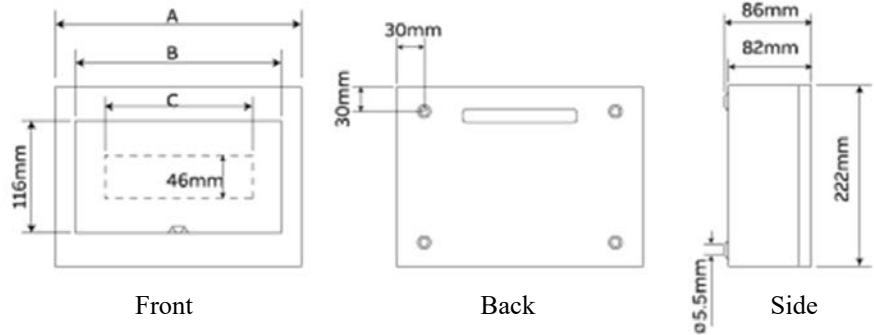
Product model	ACM metal distribution box
Rated insulation voltage $U_i$	Voltage AC400V
Rated operational voltage $U_e$	AC230V/400V
Line Rated Current	100A
Power frequency withstand voltage	2500V/1min
Protection grade	IP30
Earth resistance	$\leq 0.05\Omega$

### 4 Operating Conditions

- 4.1 Ambient temperature:  $-5^{\circ}\text{C}\sim+40^{\circ}\text{C}$ ; the mean value within 24h does not exceed  $+35^{\circ}\text{C}$ .
- 4.2 Altitude: The altitude at the installation site does not exceed 2,000 meters.
- 4.3 Atmospheric conditions: The relative air humidity at the maximum ambient temperature  $+40^{\circ}\text{C}$  does not exceed 50% at the installation site, and the maximum relative humidity at the monthly mean minimum temperature  $+25^{\circ}\text{C}$  of the wettest month is 90%.
- 4.4 Pollution degree: 2.
- 4.5 Installation category: Class III.

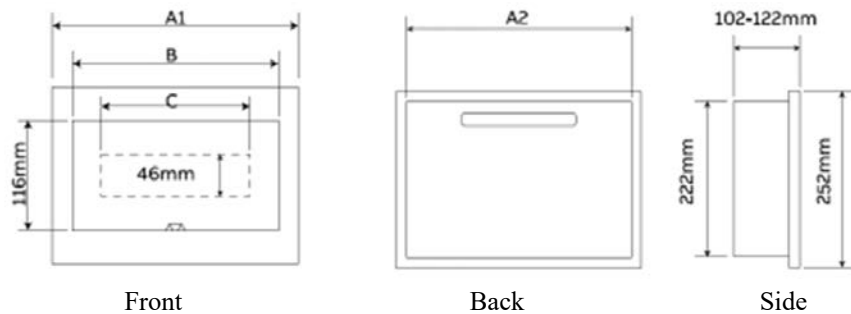
## ACM Series Metal Distribution Box

### 5 Outline and Installation Dimensions



Dimension drawings of surface mounted distribution box

Model	A	B	C
ACM-08M	213	177	141
ACM-10M	248	212	176
ACM-13M	300	265	229
ACM-16M	352	317	282
ACM-20M	423	387	352
ACM-23M	475	440	405



Dimension drawings of surface mounted distribution box

Model	A1	A2	B	C
ACM-08R	243	213	177	141
ACM-10R	278	248	212	176
ACM-13R	330	300	265	229
ACM-16R	383	352	317	282
ACM-20R	453	423	387	352
ACM-23R	505	475	440	405

Note: The product with other specification and dimensions can be customized through negotiation with the manufacturer.

### 6 Ordering Notice

Please specify the product model and quantity when ordering.

Example: To order one hundred ACM open-mounted 8-circuit power distribution box, please specify ACM-08M, 100 pcs .