

AXM Series Plastic Distribution Box

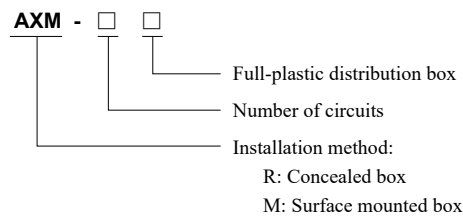


1 Overview

With full-plastic shell, AXM 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 made of ABS engineering plastic. With semi-transparent sight glass, 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.

Standard: GB/T 17466.

2 Type Designation



3 Technical Parameters

Product model	AXM plastic 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.

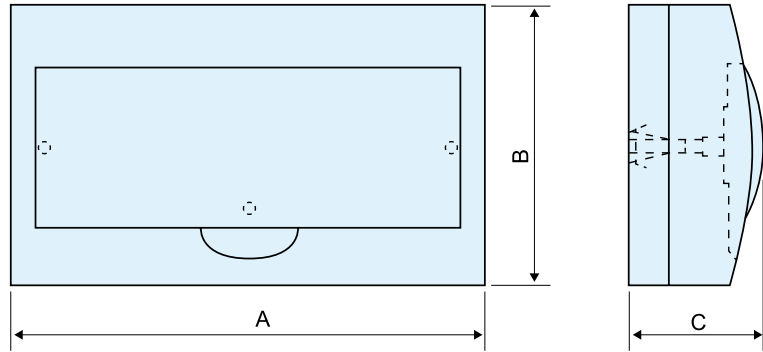
4.3 Atmospheric conditions: The relative air humidity at the maximum ambient temperature $+40^{\circ}\text{C}$ does not exceed 50% at the installation site, and the maximum relative humidity at the monthly mean minimum temperature $+25^{\circ}\text{C}$ of the wettest month is 90%.

4.4 Pollution degree: 2.

4.5 Installation category: Class III.

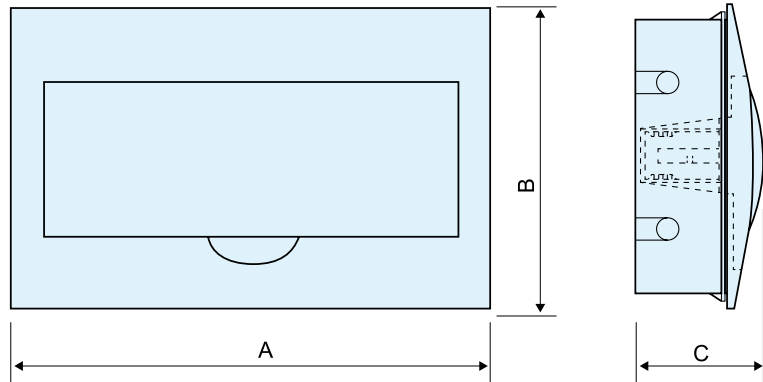
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5 Outline and Installation Dimensions



Dimension drawings of surface mounted box

Model	A	B	C
AXM-06M	147	199	93
AXM-08M	184	199	97
AXM-12M	256	199	97
AXM-18M	361	220	98
AXM-24M	270	325	100
AXM-36M	270	459	100



Dimension drawings of concealed box

Model	A	B	C
AXM-06R	171	221	87
AXM-08R	206	221	87
AXM-12R	280	199	97
AXM-18R	400	253	98
AXM-24R	300	344	98
AXM-36R	300	481	98

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

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6 Ordering Notice

Please specify the product model and quantity when ordering.

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