



ATMシリーズ サーマル CUT-OUT

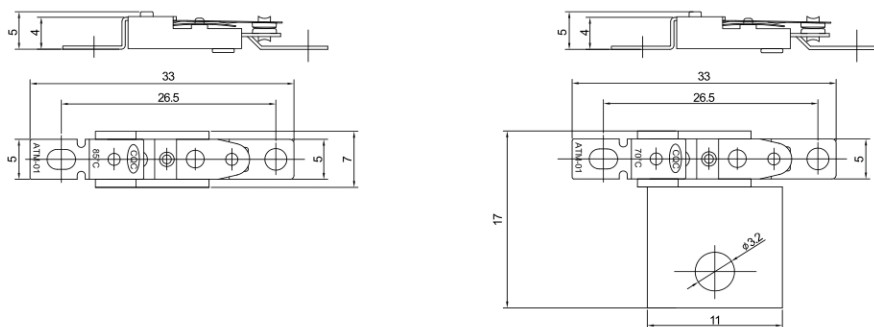
ATM系列热切断器 ATM THERMAL CUT - OUT SERIES



关键特性 KEY FEATURES OF THE PRODUCT

- 可承受16A大电流
May operation current 16A
- 10万次超长寿命
100,000 million times long life
- 快速动作
Quick action
- 优越的热响应
Superior thermal response
- 陶瓷耐高温支架
Ceramic high temperature resistant bracket

尺寸 DIMENSIONS(MM)



工作原理 WORKING PRINCIPLE

自动复位型(ATM-01)产品 Auto-Reset Type (ATM-01) Products



当被保护电器温度升高时所产生的热量传递到双金属片元件上，达到预定动作温度设定值时，双金属片元件便迅速动作，推动动触片断开触点，从而切断电路；当温度下降到额定复位温度值时，双金属片元件自动恢复接通电路。

When the temperature of the protected electrical apparatus rises, the heat generated is transferred to the bimetal sheet element, and when the predetermined operating temperature is reached, the bimetal sheet element acts quickly, pushing the moving contact to disconnect the contact, thereby cutting off the circuit; when the temperature drops to the rated reset temperature, the bimetal sheet element automatically restores the circuit to be connected.

断电复位型(ATM-01P)产品 Turn off to reset (ATM-01P) Products



带PTC元件同触点电路形成一个并联电路，当温度升高后，触点电路断开，电流通过PTC元件形成回路，PTC迅速升温，高于额定的复位温度，使电路一直保持断开状态。当关闭总电源，温度下降到双金片的复位温度时，双金片迅速恢复，触点闭合，使保护的电路更安全，更可靠。

When the temperature rises, the contact circuit is disconnected, and the current passes through the PTC element to form a circuit. The PTC temperature rises rapidly, which is higher than the rated reset temperature, so that the circuit remains disconnected. When the total power supply is switched off and the temperature drops to the reset temperature of the double gold sheet, the double gold sheet is quickly restored and the contacts are closed, thus making the protective circuit safer and more reliable.

电流热效应温度曲线图 TEMPERATURE CURVE OF ELECTRIC THERMAL EFFECT

