

General

This series circuit breaker electrical attachment is my company specially designed for the M9 series circuit breaker auxiliary function element, in the electric lamp line or household, building, can according to need to choose a different electrical accessories with M9 series circuit breaker, so as to realize the remote control, breaker points status indication, alarm signals and undervoltage, overvoltage protection function.

This product meets the standard of IEC/EN60947-2.

- Screw-type thread pressed terminal. connent with 1 or 2 conducting wire of 2.5mm² max. cross sectional area. Obvious marks upon terminal

Model and meaning

- AU9:the auxiliary contact
- AL9:Alarm contacts
- SH9:The shunt tripping device
- SH9+AU9:The shunt tripping device+the auxiliary contact
- UV9:Undervoltage tripping
- OV9:Overvoltage trip
- UV9+OV9:Undervoltage tripping +Overvoltage trip

Usage

- AU9:To provide auxiliary signal, control of auxiliary circuit
- AL9:When the circuit breaker for protected line fault points away, provide alarm signal
- SH9:When the control voltage exceeds the 70% ~ 110% of the rated voltage, the circuit breaker tripping, realize the line protection.
- SH9+AU9:Remote breaking circuit, and through the auxiliary contact to achieve control of the auxiliary circuit
- UV9:Line voltage drop to 35% ~ 70% of the rated voltage, the circuit breaker tripping, until the voltage recovery to more than 85%, the breaker can be manually switched on

The main technical parameters

AU9+AL9 Technical parameters

	Voltage (AC or DC)	Working current
AU9 AL9	415V AC	3
	240V AC	6
	130V DC	1
	48V DC	2
	24 DC	6

SH9+AU9 and SH9 Technical parameters

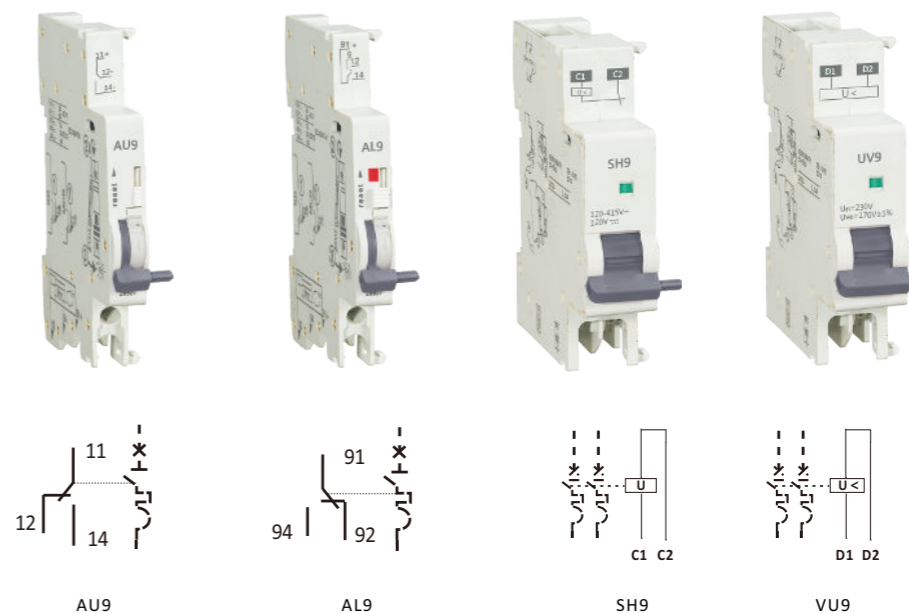
	Rated supply voltage(Us)	pull-in voltage
SH9+AU9	AC/DC 220~380V	(0.7~1.1)Us
SH9	AC/DC 110~220V	
	AC/DC 24~48V	

UV9 and UV9+OV9 Technical parameters

	The rated working voltage(Ue)	Action is the voltage
UV9	AC 230、48V	(0.35~0.75)Ue
	DC 48V	
UV9+OV9	AC 230	Overvoltage: 275±5% V
		Under voltage: 170±7 V

IEC/EN 60947-5

Wiring diagram



Overall and assembly

