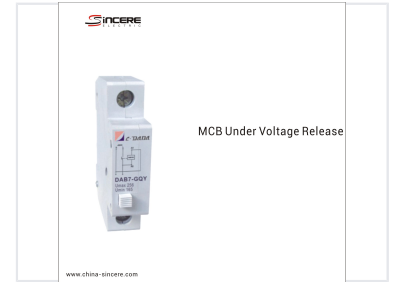


MCB Undervoltage Release Device

This MCB undervoltage release trips the circuit breaker when the actual voltage is between 70%Ue-35%Ue. It prevents the circuit breaker from closing when the actual voltage is below 35%Ue.



ADDITIONAL IMAGES



Overview

Reliable Undervoltage Protection

This undervoltage release device is designed to provide essential protection for electrical circuits by monitoring voltage levels. It automatically trips the connected circuit breaker when voltage drops below critical thresholds, preventing potential equipment damage from undervoltage conditions. The unit is engineered for seamless integration with compatible miniature circuit breakers, ensuring reliable performance and enhanced electrical safety for industrial and commercial applications.

Technical Specifications

Operating Thresholds

70 %Ue

Trip Range Start

35 %Ue

Trip Range End

85 %Ue

Close Range Start

110 %Ue

Close Range End

Operating Limits

256 V

Max Voltage

165 V

Min Voltage

Rated Voltages

230V, 400V

Installation & Compatibility

Installation Methods

- Screw fixation (DAB7-OF, DAB7-FB, DAB7-QY)
- Tape fixation (DAB7-FL)
- Guide rail mounting

Compatible Accessories

- Auxiliary contact
- Auxiliary alarm contact
- Shunt trip

Compatible Series

DAB7 (63 frame) circuit breakers