

© Product installation and operation guide



## CA MINIATURE CIRCUIT BREAKER



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Ensure that these instructions are made available to the end user for future reference.

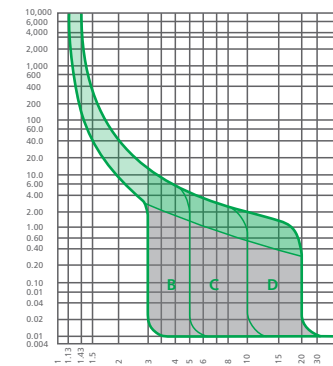
## CA MINIATURE CIRCUIT BREAKER

CA miniature circuit breaker is mainly used in protection distribution lines with AC 50Hz /60Hz, rated working voltage up to 400V, rated current up to 63A, and rated short-circuit breaking capacity not exceeding 6000A. It is used for infrequent connection, breaking, and switching of lines and has overload and short-circuit protection functions.

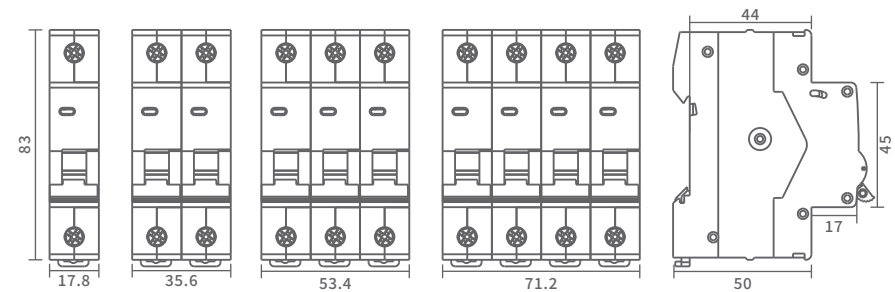
### Technical Data

- Rated current  $I_n$  (A) :6,10,16,20,25,32,40,50,63.
- Poles: 1P,2P,3P,4P
- Rated voltage  $U_e$ (AC): 230/400V.
- Rated frequency: 50/60Hz.
- Insulation voltage  $U_i$ : 500V.
- Rated breaking capacity(A): 6KA.
- Rated impulse withstand voltage(1.2/50)  $U_{imp}$  (V): 4000.
- Dielectric test voltage at ind. Frq for 1 min (KV) : 2.
- Ambient temperature(with daily average  $\leq 35$  °C : -5~+40).
- Thermo-magnetic release characteristic: B,C,D.
- Electrical life: 8,000.
- Contact position degree:  $I_p20$ .
- Storage temperature( °C) : -25~+70 ) .
- Reference temperature for setting of thermal element ( °C) : 30.
- Cable terminal capacity maximum : 16mm<sup>2</sup>.

### Tripping characteristics



### Product Dimension



### Installation

- The external magnetic field of the place where the MCB is installed shall not exceed 5 times of the geomagnetic field in any direction;
- The installation position shall be vertical and the inclination in each direction shall not exceed 10.
- Class of pollution: 2
- Installation category: II