



LIVE ELECTRICAL DISTRIBUTION UK LTD

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

© Product installation and operation guide



CH MINIATURE CIRCUIT BREAKER

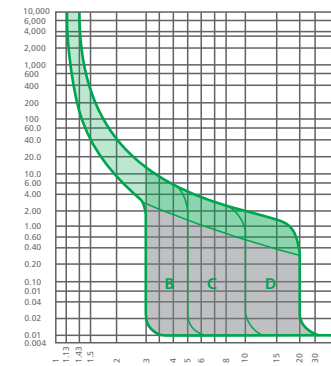
CA MINIATURE CIRCUIT BREAKER

CH miniature circuit breaker is mainly used in protection distribution lines with AC 50Hz /60Hz, rated working voltage up to 415V, rated current 80A-100A, 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.

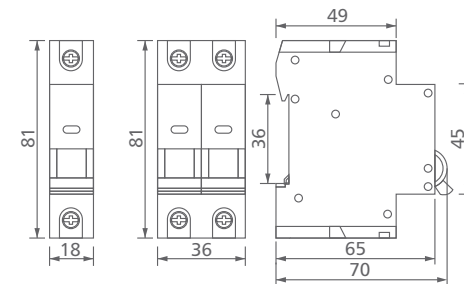
Technical Data

- Rated current I_n (A) :80, 100
- Rated voltage U_e (AC): 240/415V
- Insulation voltage U_i : 500V
- Thermo-magnetic release characteristic: B,C,D
- Mechanical life: 20,000
- Ambient temperature(with daily average $\leq 35^\circ\text{C}$:-5~+40)
- Storage temperature($^\circ\text{C}$):-25~+70)
- Poles: 1P,2P,3P
- Rated frequency: 50/60Hz
- Rated breaking capacity(A): 6 kA
- Electrical life: 8,000
- Contact position degree: IP20
- Tightening torque for top and bottom : 2.5Nm
- Protection index IP:IP20
- Weight:1P:0.13kg 2P:0.25kg 3P:0.38kg
- Installation:On symmetrical DIN rail 35mm
- BS IEC/EN60898-1

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