

Construction and Feature

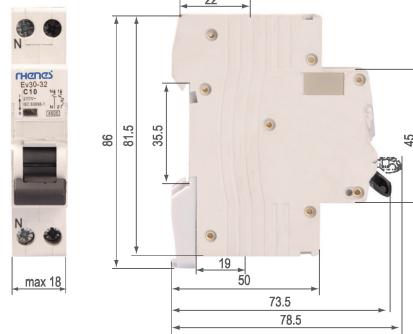


- ◆ The state-of-art design
 - Elegant appearance; cover and handle in arc shape make comfortable operation.
 - Contact position indicating window
 - Transparent cover designed to carry label.
- ◆ Handle central-staying function for circuit fault indicating
 - In case of overload to protected circuit, MCB handle trips and stays at central position, which enables a quick solution to the faulty line. The handle cannot stay in such position when operated manually.
- ◆ Handle padlock device
 - MCB handle can be locked either at "ON" position or at "OFF" position to prevent unwanted operation of the product.

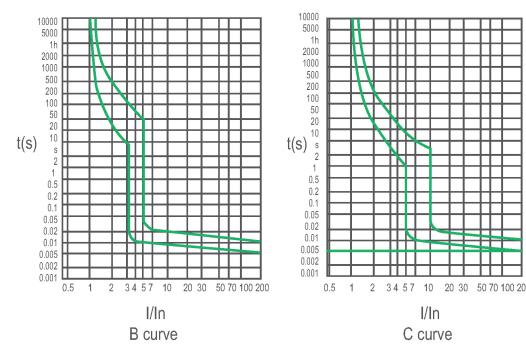
Technical Data

- ◆ Pole No.: 1P+N ◆ Rated voltage: AC 230V
- ◆ Rated current (A): 1, 2, 3, 4, 6, 10, 16, 20, 25, 32
- ◆ Tripping curve: B, C
- ◆ Rated service short-circuit capacity: 6000A
- ◆ Rated frequency: 50/60Hz ◆ Electro-mechanical endurance: 10000
- ◆ Contact position indication ◆ Connection terminal: Pillar terminal with clamp
- ◆ Connection capacity: Rigid conductor up to 10mm²
- ◆ Fastening torque: 1.2Nm ◆ Installation: On symmetrical DIN rail 35mm; Panel mounting
- ◆ Terminal Connection Height: H1=19mm H2=22mm

Overall & Installation Dimensions



Characteristic Curve



Power Consumption

Rated Current Range (InA)		Max consumption/pole (W)
$I_n \leq 10$		3
$10 < I_n \leq 16$		3.5
$16 < I_n \leq 25$		4.5
$25 < I_n \leq 32$		6

Overload Current Protection Characteristics

Test Procedure	Type	Test Current	Initial State	Tripping or Non-tripping Time Limit	Expected Result	Remark
A	C	1.13In	cold ¹⁾	$t \leq 1h$	no tripping	
B	C	1.45In	after test a	$t < 1h$	tripping	Current in the 5 s in the increase of stability
C	C	2.55In	cold ¹⁾	$1s < t < 60s (In \leq 32A)$	tripping	
D	C	5In	cold ¹⁾	$t \geq 0.1s$	no tripping	Turn on the auxiliary switch to close the current
E	C	10In	cold ¹⁾	$t < 0.1s$	tripping	Turn on the auxiliary switch to close the current

1. The terminology "cold state" refers to that no load is carried before testing at the reference setting temperature.