



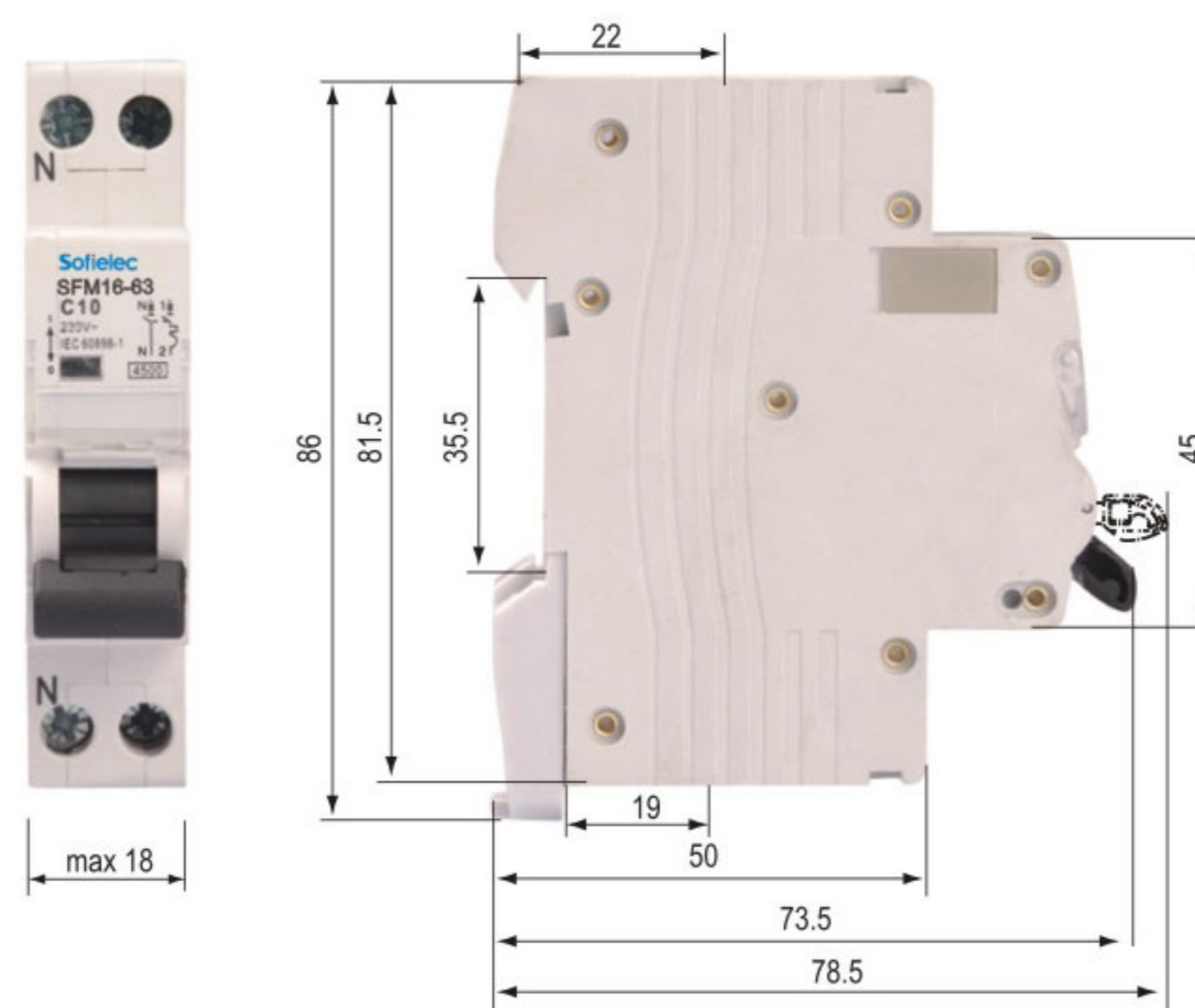
Construction and Feature

- 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.

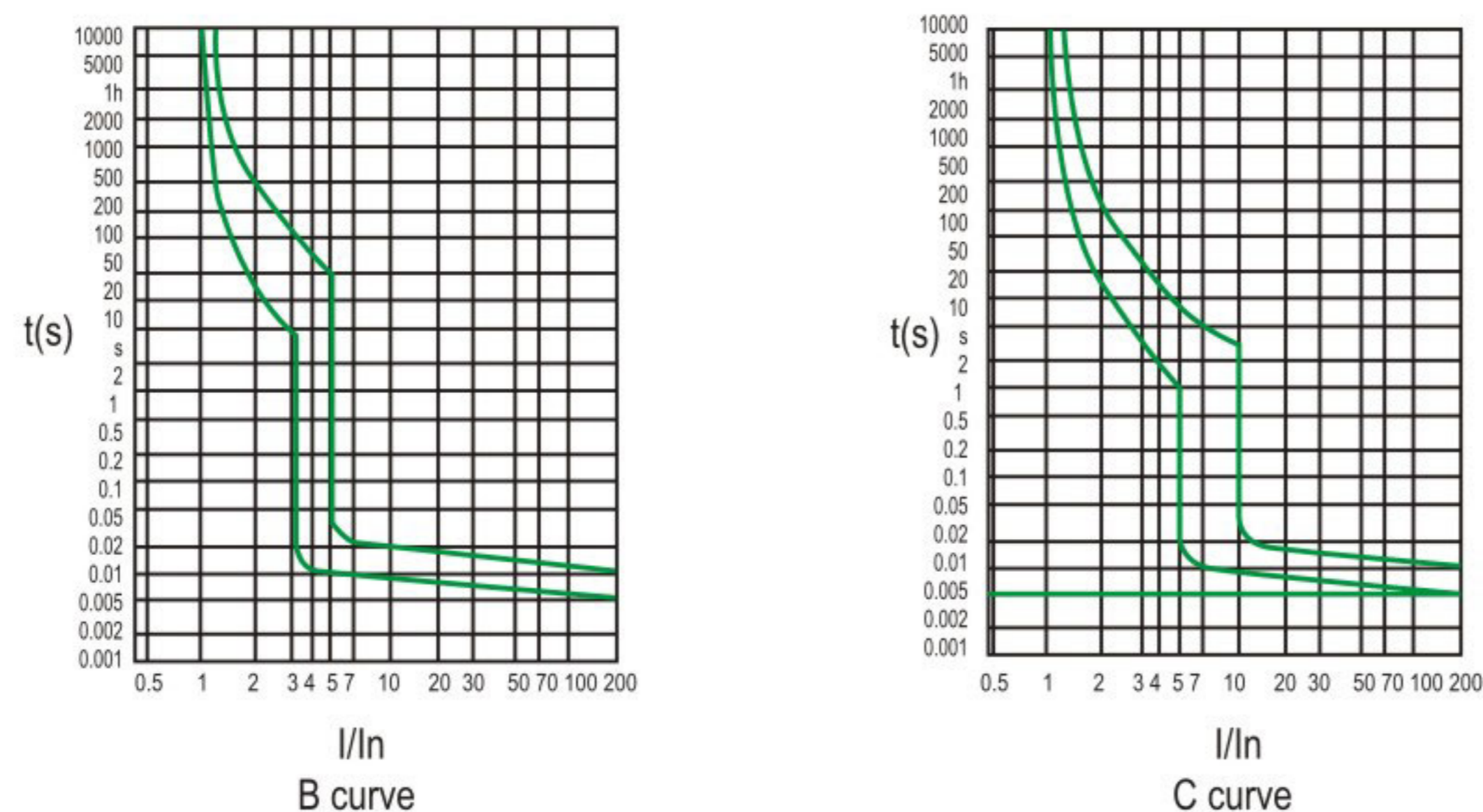
Technical Data

- 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



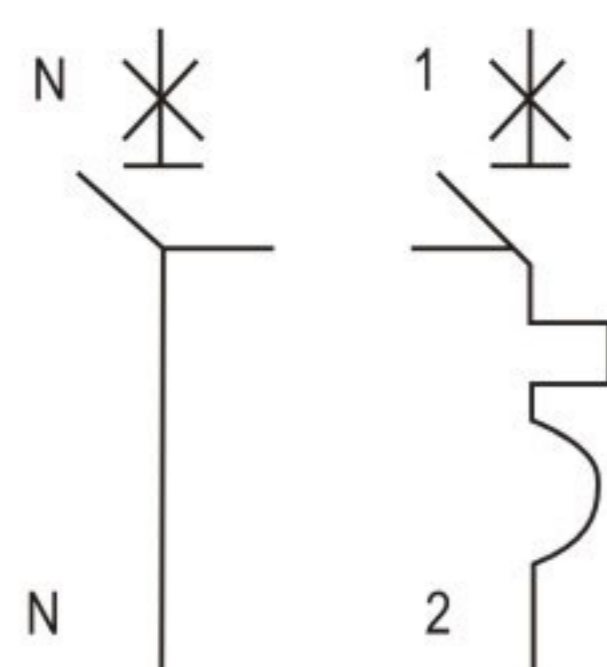
Characteristic Curve



Power Consumption

Rated current range (InA)	Max consumption/pole (W)
$In \leq 10$	3
$10 < In \leq 16$	3.5
$16 < In \leq 25$	4.5
$25 < In \leq 32$	6

Wiring Diagram



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⁾	$t \geq 1h$	no tripping	
b	C	$1.45In$	after test a	$t < 1h$	tripping	Current in the 5s 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

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