

### Construction and Feature

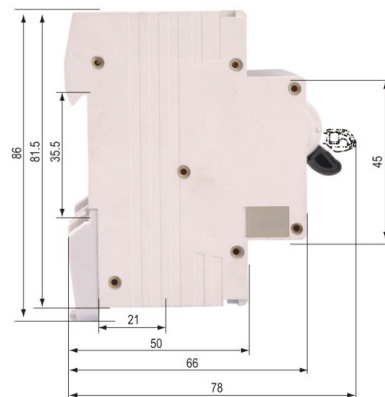
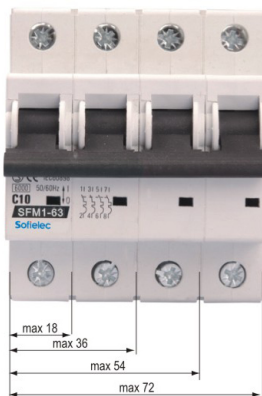
- Protection against both overload and short circuit
- High short-circuit capacity
- Contact position indication
- Applicable to terminal and pin/fork type busbar connection
- Easy mounting onto 35mm DIN rail



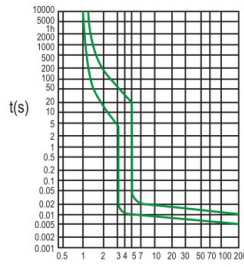
### Technical Data

- Pole No.: 1, 1P+N, 2, 3, 3P+N, 4
- Rated voltage: AC 230/400V
- Rated current (A): 1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63
- Tripping curve: B, C, D
- High short-circuit breaking capacity (I<sub>cn</sub>): 10kA
- Rated frequency: 50/60Hz
- Energy limiting class: 3
- Rated impulse withstand voltage: 6.2kV
- Electro-mechanical endurance: 10000
- Contact position indication
- Connection terminal:
  - Screw terminal
  - Pillar terminal with clamp
- Connection capacity: Rigid conductor up to 25mm<sup>2</sup>
- Fastening torque: 2.0Nm
- Installation:
  - On symmetrical DIN rail 35.5 mm
  - Panel mounting
- Terminal Connection Height: 21mm

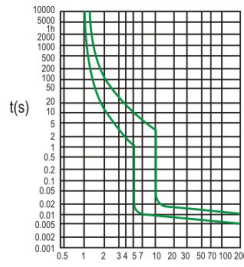
### Overall & Installation Dimensions



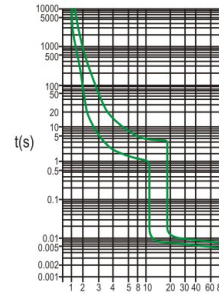
## Characteristic Curve



I/In  
B curve



I/In  
C curve

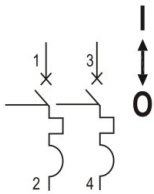


I/In  
D curve

## 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
$32 < In \leq 40$	7.5
$40 < In \leq 50$	9
$50 < In \leq 63$	13

## Wiring Diagram



## Current Operating Characteristic

Test Procedure	Type	Rated Current(Ina)	Initial State	Test Current	Tripping or Non-tripping Time Limit	Expected Result	Testing Environment Temperature	Remark
a	B、C、D	$\leq 63$	cold	$1.13In$	$t \geq 1h$	no tripping	$30^\circ C \sim 35^\circ C$	
b	B、C、D	$\leq 32$	after test a	$1.45In$	$t < 1h$	tripping	$30^\circ C \sim 35^\circ C$	Reach the specified current within 5s after following the item (a) test.
c	B、C、D	$\leq 32$	cold	$2.55In$	$1s < t < 60s$	tripping	$30^\circ C \sim 35^\circ C$	
		$> 32$			$1s < t < 120s$			
d	B	$\leq 63$	cold	$3In$	$t \leq 0.1s$	no tripping	$30^\circ C \sim 35^\circ C$	Turn on the auxiliary switch to close the current
	C		cold	$5In$				
	D		cold	$10In$				
e	B	$\leq 63$	cold	$5In$	$t < 0.1s$	tripping	$30^\circ C \sim 35^\circ C$	Turn on the auxiliary switch to close the current
	C		cold	$10In$				
	D		cold	$20In$				