

Construction and Feature

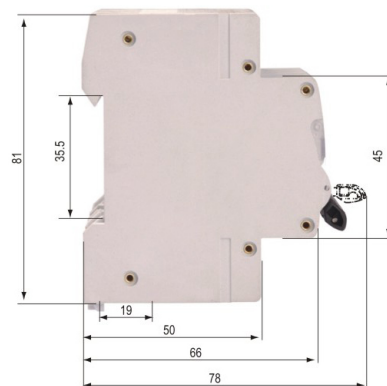
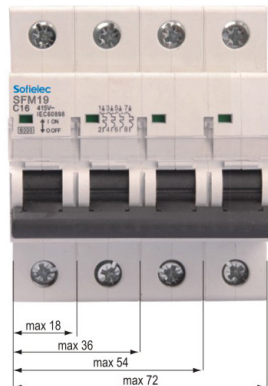
- Protection against both overload and short circuit
- High short-circuit capacity
- Applicable to terminal and pin/fork type busbar connection
- Easy mounting onto 35mm DIN rail



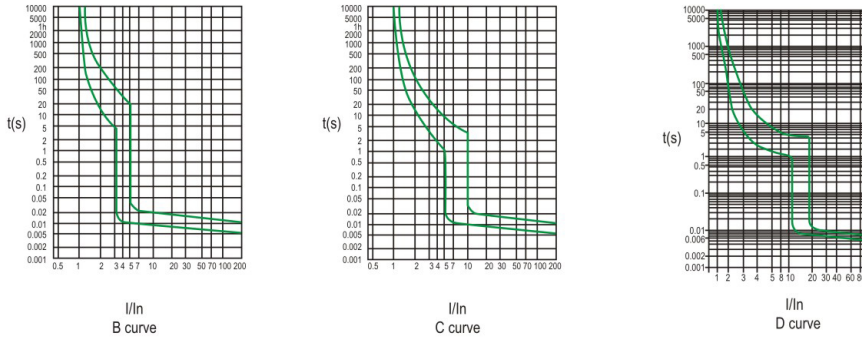
Technical Data

- 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_{cn}): 6kA
- Rated frequency: 50/60Hz
- Energy limiting class: 3
- Rated impulse withstand voltage: 6.2kV
- Electro-mechanical endurance: 4000
- Connection terminal:
 - Screw terminal
 - Pillar terminal with clamp
- Connection capacity: Rigid conductor up to 25mm²
- Fastening torque: 2.0Nm
- Installation:
 - On symmetrical DIN rail 35.5mm
 - Panel mounting
- Terminal Connection Height: 19mm

Overall & Installation Dimensions



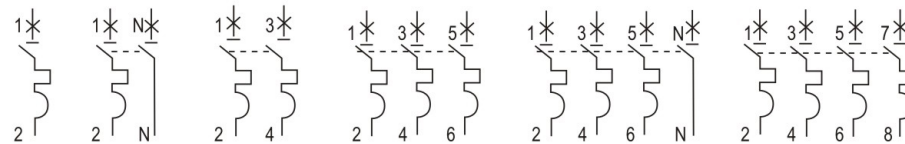
Characteristic Curve



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

Wiring Diagram



Overload Current Protection Characteristics

Test Procedure	Type	Test Current	Initial State	Tripping or Non-tripping Time Limit	Expected Result	Remark
a	B, C, D	$1.13In$	cold	$t \leq 1h$	no tripping	
b	B, C, D	$1.45In$	after test a	$t < 1h$	tripping	Current in the 5 s in the increase of stability
c	B, C, D	$2.55In$	cold	$1s < t < 60s (In \leq 32A)$ $1s < t < 120s (In > 32A)$	tripping	
d	B	$3In$	cold	$t \geq 0.1s$	no tripping	Turn on the auxiliary switch to close the current
	C	$5In$				
	D	$10In$				
e	B	$5In$	cold	$t < 0.1s$	tripping	Turn on the auxiliary switch to close the current
	C	$10In$				
	D	$20In$				