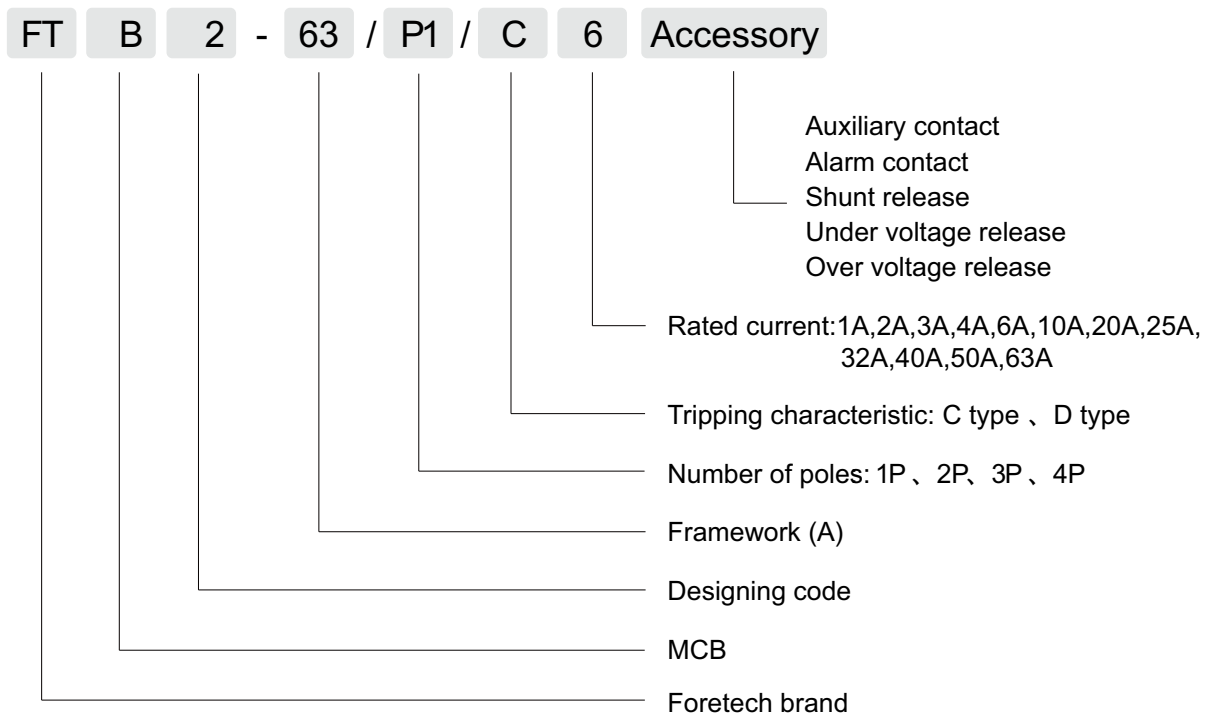




■ Product illustration



■ Technical Data

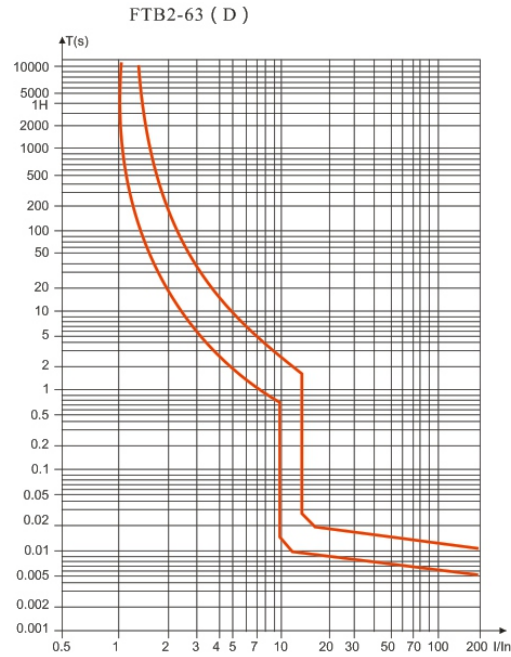
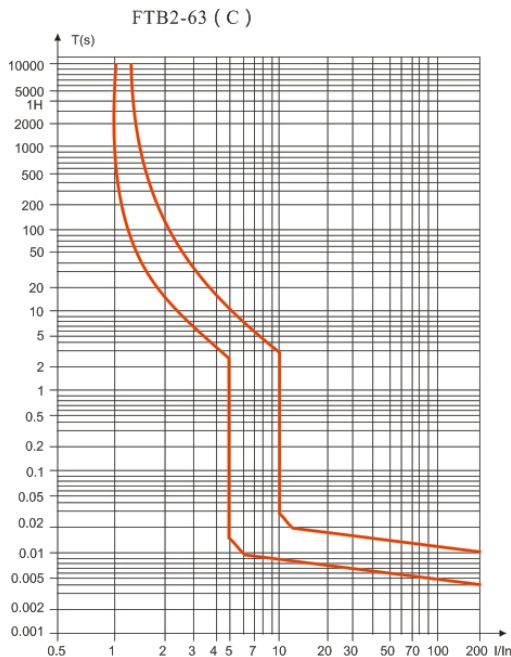
Model	FTB2-63 Miniature circuit-breaker			
Number of poles	IP 2P 3P 4P			
Rated frequency:	AC 50/60Hz			
Rated voltage (V) AC	230/400			
Rated current (A)	C	1,2,3,4, 6, 10, 16, 20, 25, 32, 40, 50, 63		
	D	6, 10, 16, 20, 25, 32, 40		
Rated breaking capacity(KA)	6.5			
Mechanical & electrical life:	20,000 operations			
Protection rating	IP20			
Installation	On DIN rail 35mm according to JB6525			
Connection capacity:	Cross-section of conductors up to 25mm ² , Cross-section of busbar from 0.8-2mm ² ,reversibility of connections			
Tightening torque	2 Nm			
Ambient temperature (C)	-5 C ~ +40 C			
Altitude (m)	≤2000m			
Relative air humidity	no more than 95%			
Pollution degree	II			
Installation condition	Used in place without obvious shock and vibration			
Weight (g)	102	208	308	408

■ Product Feature

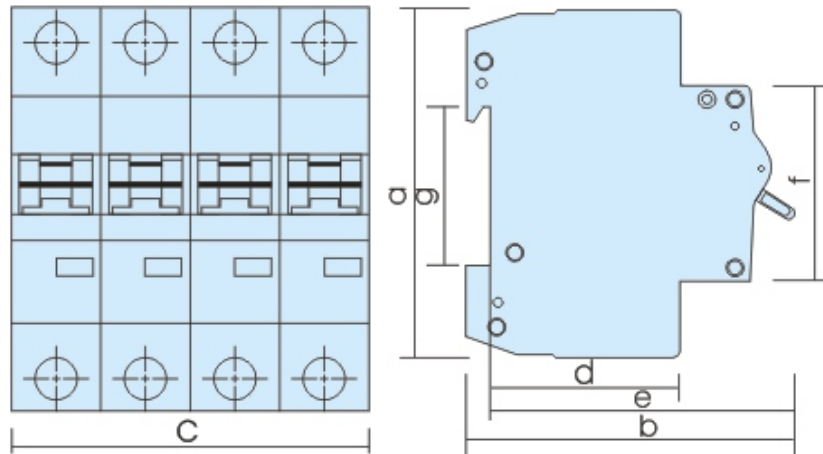
- These circuit breakers are intended for the protection of circuits against overloads and short circuits in residential, commercial and industrial premises;
- It covers the rating range from 6 to 63A with a uniform breaking capacity of 6.5 kA throughout;
- Current-limiting scheme: in the event of a short circuit, are able to limit the let-through current to 60%-70% of the rated current;
- The arc extinguishing system: allows the short-circuit currents of very high value to be interrupted extremely rapidly, the remarkable opening speed of contacts opening and the structure of the arcing chamber contribute to extinguishing the arc in the shortest possible time;

- The sensitivity and reliability of the trip mechanism ensures perfect closure every time, thereby considerably improving the performance of these devices and extending their average lifetime;
- The internal contact position allows an exact information of the circuit-breaker status: "green", open contacts; "red", closed contacts, independently of the toggle position;
- Sealing/locking sealable with 1 mm wire, to prevent unwanted tripping;
- The supply lines of the protected circuit can be connected to either the upper or lower terminals of the circuit-breakers (reversibility of connections). The double terminal of these circuit-breakers enables simultaneous connection of cables and busbars.

■ Tripping characteristic



■ Exterior and dimensions



Unit(mm)				
Number of poles	1P	2P	3P	4P
a	80 ± 0.8			
b	74.2 ± 0.8	75.7 ± 0.8		
c	17.8 ± 0.5	35.6 ± 0.8	53.4 ± 0.8	71.2 ± 0.8
d	44 ± 0.8			
e	68.7 ± 0.8	70.2 ± 0.8		
f	45 ± 0.8			
g	35.5 ± 0.8			

■ Wiring

Please refer to below table for the connection of wires with a cross section area

Rated current I_n (A)	Nominal cross section area of copper wire(mm^2)
1~6	1
10	1.5
16,20	2.5
25	4
32	6
40,50	10
63	16
