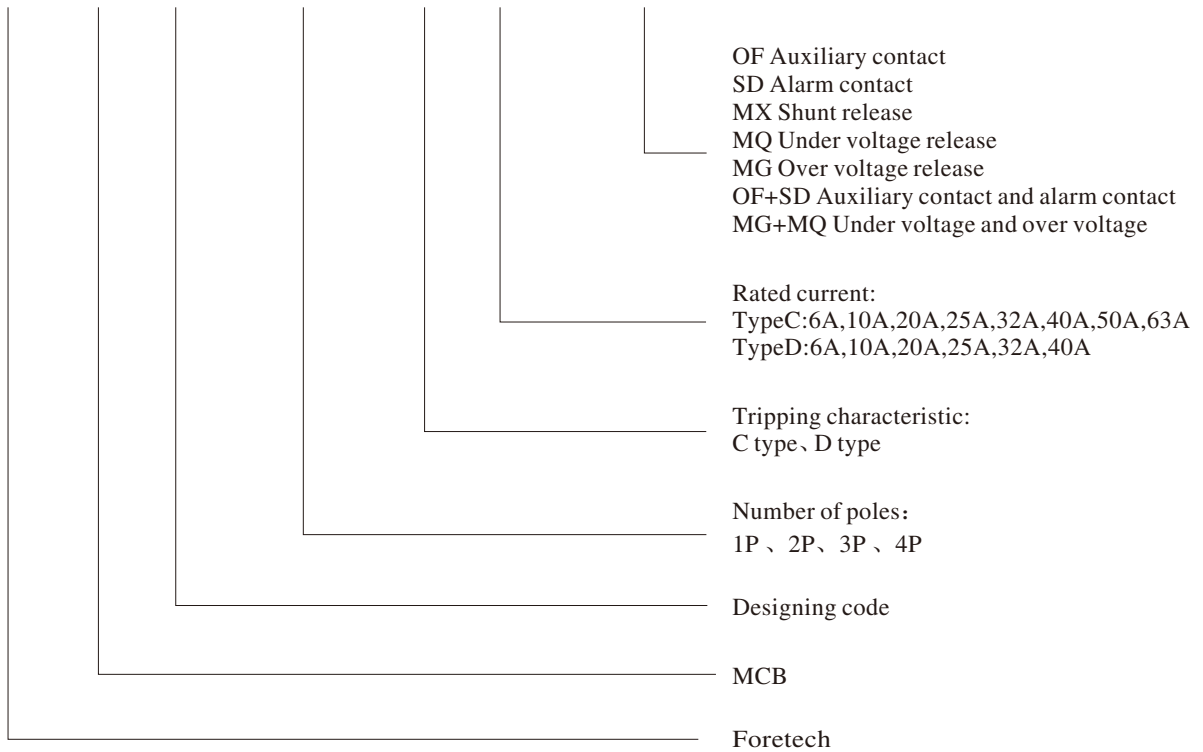




■ Product illustration:





FT B 3 / 1P / C 6 Accessories



■ Product Features

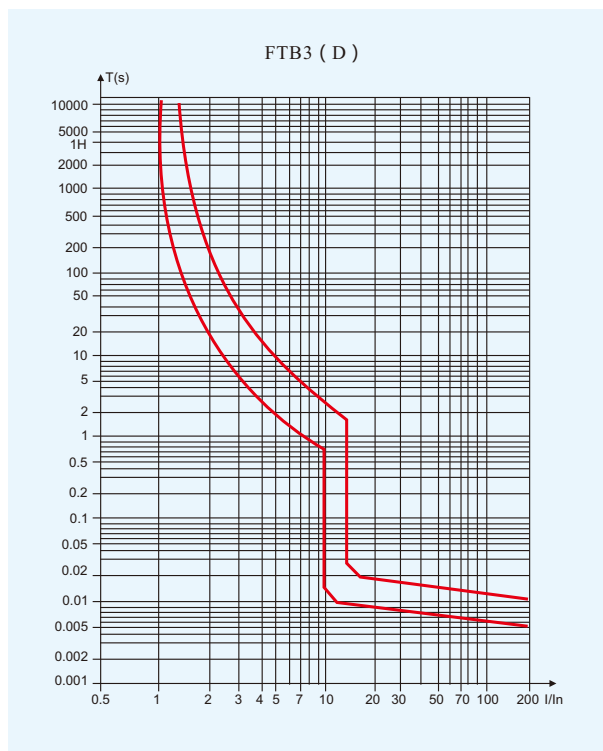
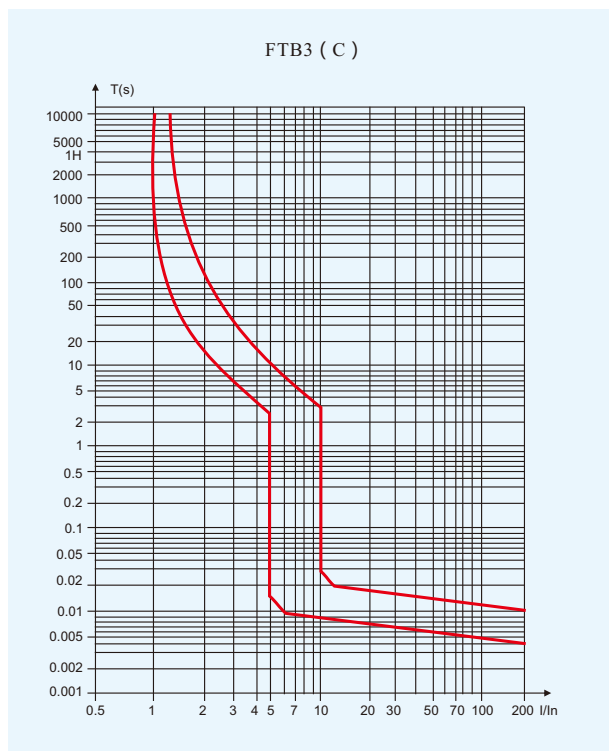
- A breaking capacity of 12kA up to 32A and 10kA between 40 to 63A.
- Current-limiting scheme: in the event of a short circuit, are able to limit the let-through current to 60%-70% of the rated current.
- The trip mechanism ensures perfect closure every time, thereby considerably improving the performance of these devices and extending their average lifetime.
- 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, ensuring reliable protection of short-circuit.
- 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.

■ Technical Data

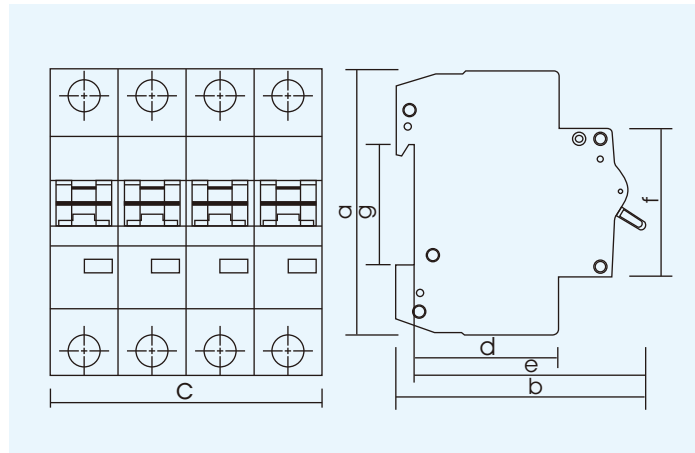
Model	FTB3 high breaking capacity MCB			
Number of poles				
	1P	2P	3P	4P
Rated frequency:	AC 50/60Hz			
Rated voltage (V) AC	230/400			
Rated current (A)	C	6, 10, 16, 20, 25, 32, 40, 50, 63		
	D	6, 10, 16, 20, 25, 32, 40		

Breaking capacity(KA)	40-63A	10		
	6-32A	12		
Mechanical and electrical life:	20,000 operation			
Protection rating	IP20			
Installation	On symmetrical DIN rail 35mm /Panel Mounting			
Connection capacity:	Cross-section of conductors up to 25mm ² , Cross-section of busbar from 0.8-2mm ² , reversibility of connections			
Ambient temperature (°C)	-5°C ~ +40°C			
Altitude (m)	not higher than 2000m			
Relative air humidity	no more than 95%			
Pollution degree	II			
Weight (g)	116	234	352	472

■ 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
