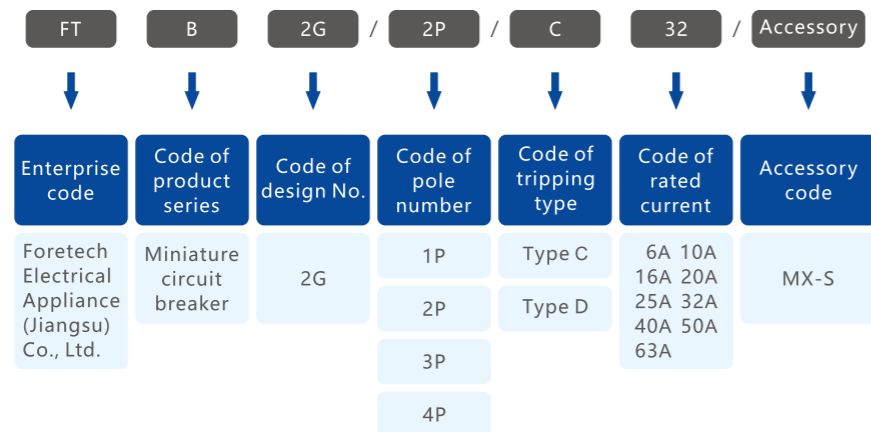


FTB2G

Miniature Circuit Breaker



Model Definition



NOTE:

FTB2G and the accessory MX-S can be used together for IC card prepayment meter (1P+N, 3P+N). Please refer to MX-S shunt accessories for details.

FTB2G

Miniature Circuit Breaker

Basic Technical Parameters

Model & Spec.		FTB2G
Technical parameters		
Standards	GB/T10963.1 /IEC60898	
Certifications	CCC	
Pole number	1P, 2P, 3P, 4P	
Rated current (A)	Type C	6, 10, 16, 20, 25, 32, 40, 50, 63
	Type D	6, 10, 16, 20, 25, 32, 40, 50, 63
Rated frequency (Hz)	50	
Electrical characteristics		
Rated operating voltage Ue (V)	AC230 (1P) ; AC400 (2P, 3P, 4P)	
Rated short-circuit breaking capacity Icn (kA)	6	
Rated impulse withstand voltage Uimp (kV)	4	
Dielectric voltage, power frequency, 1min (kV)	2	
Isolation function	Yes	
Class of pollution	2	
Use cat. (overvoltage category)	II	
Tripping type and characteristics	C-type curve (5In~10In); D-type curve (10In~20In)	
Mechanical characteristics		
Contact status indicator	Green: open; red: close	
Mechanical life (times)	20000	
Electrical life (times)	10000	
IP rate	IP40 (installed inside the distribution box)	
Mechanical shock resistance (GB/T2423.5)(m/s ²)	150, continuously 11ms half-wave	
Anti-vibration (GB/T2423.10)	5g-20 cycles, frequency 5...150...5Hz (load 0.8In)	
Anti-humid heat(GB/T2423.4)(°C/RH)	28 cycles (with 55/95...100)	
Reference ambient temperature (°C)	30	
Operating ambient temperature (°C)	-5~+40	
Storage temperature (°C)	-40~+70	
Installation characteristics		
Terminal type	U-shaped terminal, tunnel type	
Max. wiring capacity	Conductor connection 25mm ²	
Max. ultimate torque (N.m)	5.1 (≤25A) ;5.6 (>25A)	
Tool	Pozi drive (double cross)	
Installation	Installed on standard DIN rail (35mm)	
Inlet method	Upper or lower	
Outline dim. (mm) (L×W×H)	1P	80×18×74.2
	2P	80×36×75.7
	3P	80×54×75.7
	4P	80×72×75.7