



Specifications and technical data are subject to change without notice.

Please contact to confirm relevant information on ordering.

📍 No.18, Gutang Rd, Shanghai 201209, China

☎ +86 21 5032 0898

📠 +86 21 5032 0828

✉ info@ebasee.com

🌐 www.ebasee.com



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EBASEE
Smart Living Green Ebasee



CONTROL ELECTRIC



COMPANY PROFILE

As a leading supplier in the low voltage electrics industry, Shanghai Ebasee Electric Co., Ltd. products have been used for residential, commercial and industrial applications with its quality and service. EBASEE brand is recognized for its quality and reliability in an ever-increasing number of markets worldwide. So far EBASEE products have been approved by international labs including BV, TUV, Intertek, with KEMA, CB, SEMKO, RoHS, CE, and CCC etc.

With qualified raw materials and components supply, all products are manufactured by EBASEE's defined international specifications. We have 4 semi-auto production lines, up-to-date quality control facilities, well-trained and experienced workers. Moreover, with a technical R & D team and fully equipped in-house laboratory, EBASEE factory can carry out efficient new products development, daily production and QC.

EBASEE have a wide range of cooperations with world leading companies in new products development, OEM and ODM cooperation. Meanwhile, we process the idea of green and smart energy, working with universities such as Xi'an Jiao Tong University to get more intelligent and environmental electric solutions.

EBASEE focused on achieving growth through the success of worldwide partners. Guided by the philosophy of "market-oriented", powered by the idea of "Quick response and flexible supply", EBASEE support our worldwide partners to compete against established global players, to deliver the most systemetic and cost-effective products and service in the market.

"Smart life, Green EBASEE"



Quality is our culture!

PRODUCTION LINE

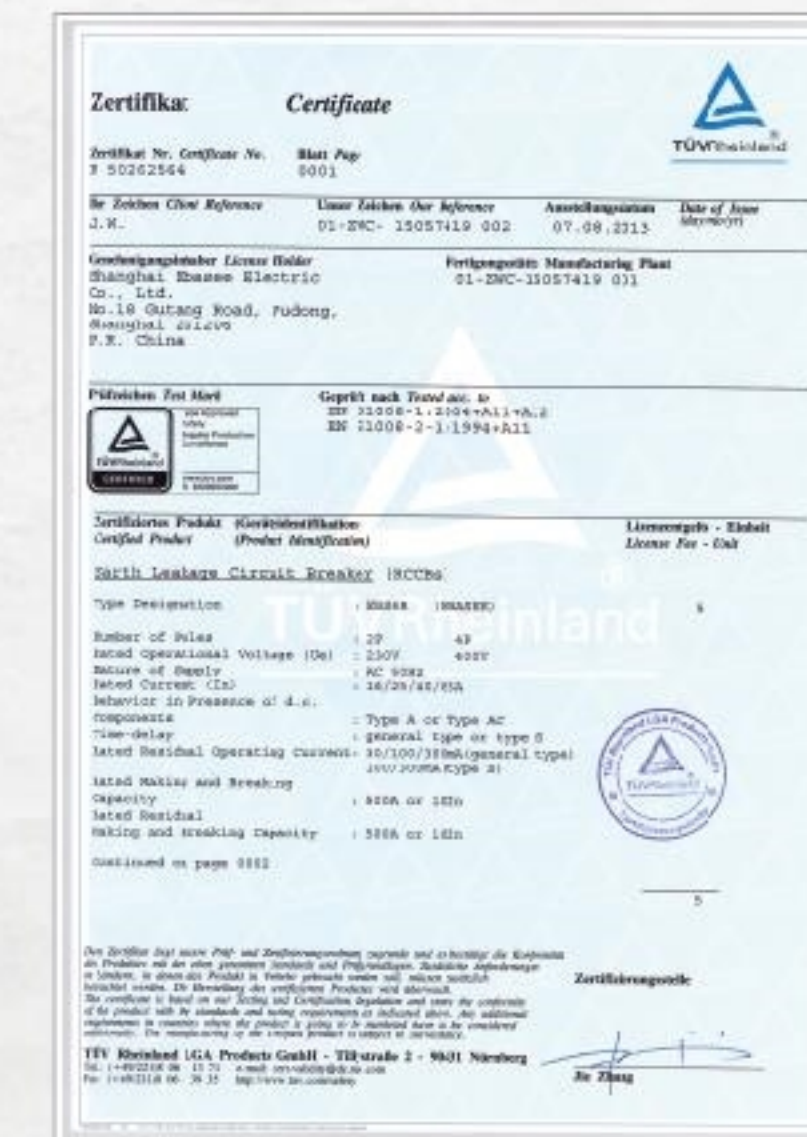
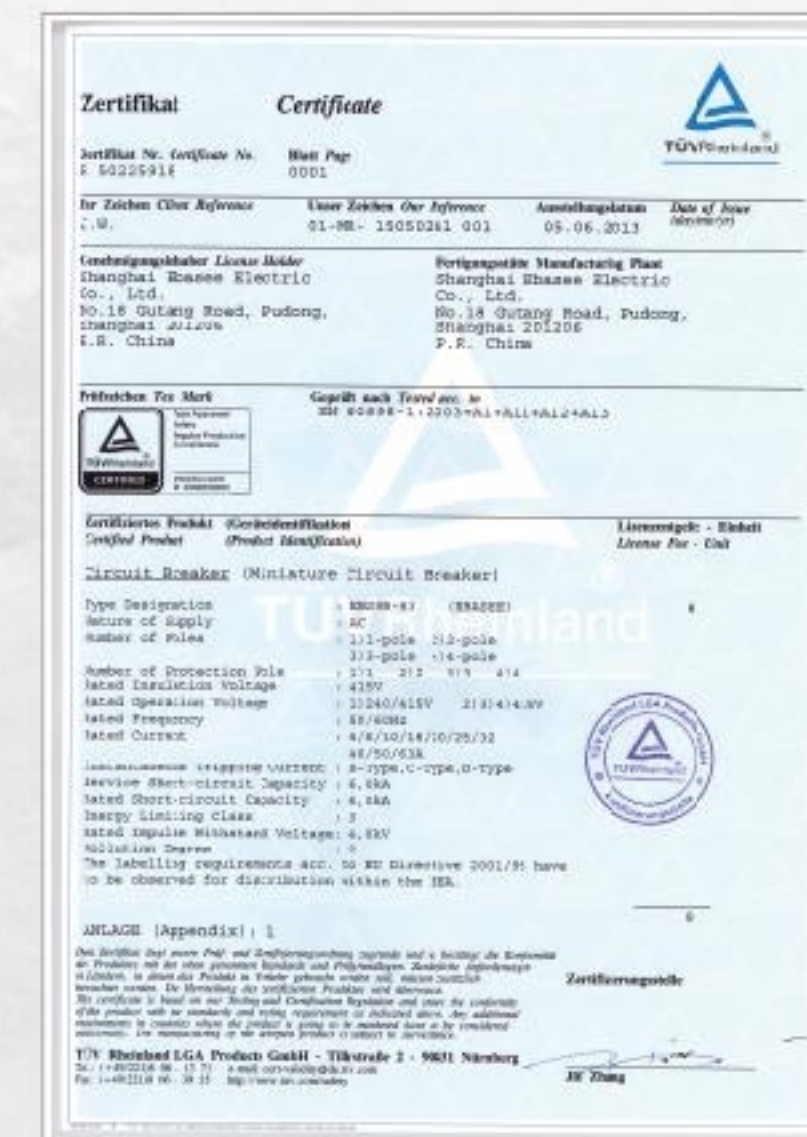
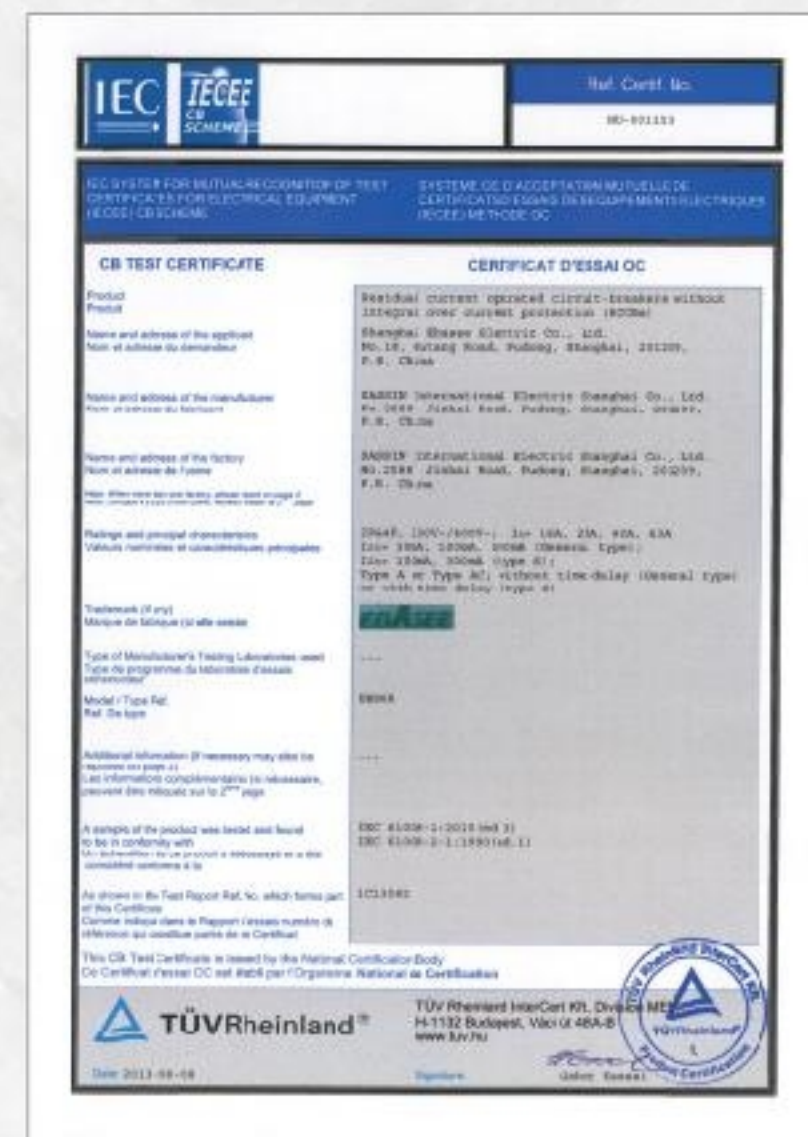
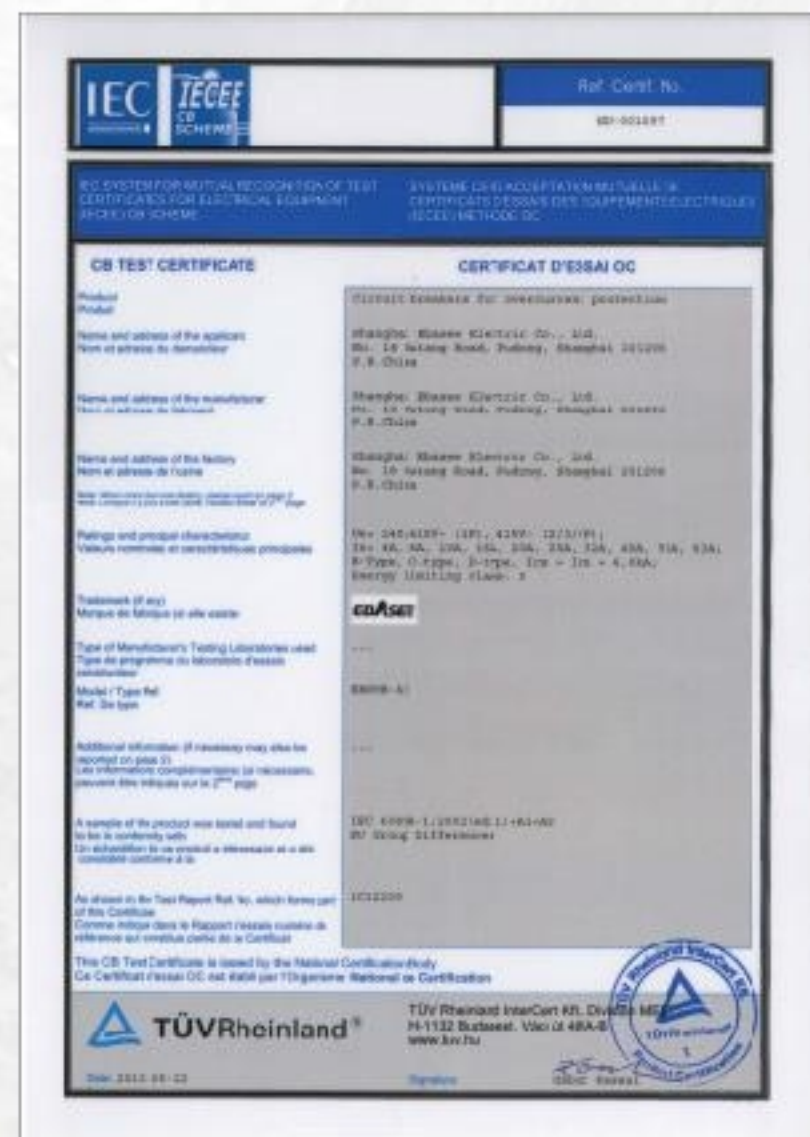


SMART LIVING GREEN EBASEE



INTERNATION QUALITY CERTIFICATE

EBASEE products have been approved by international labs including BV, TUV, Intertek, with KEMA, CB, SEMKO, RoHS, CE, and CCC etc.



1.Function

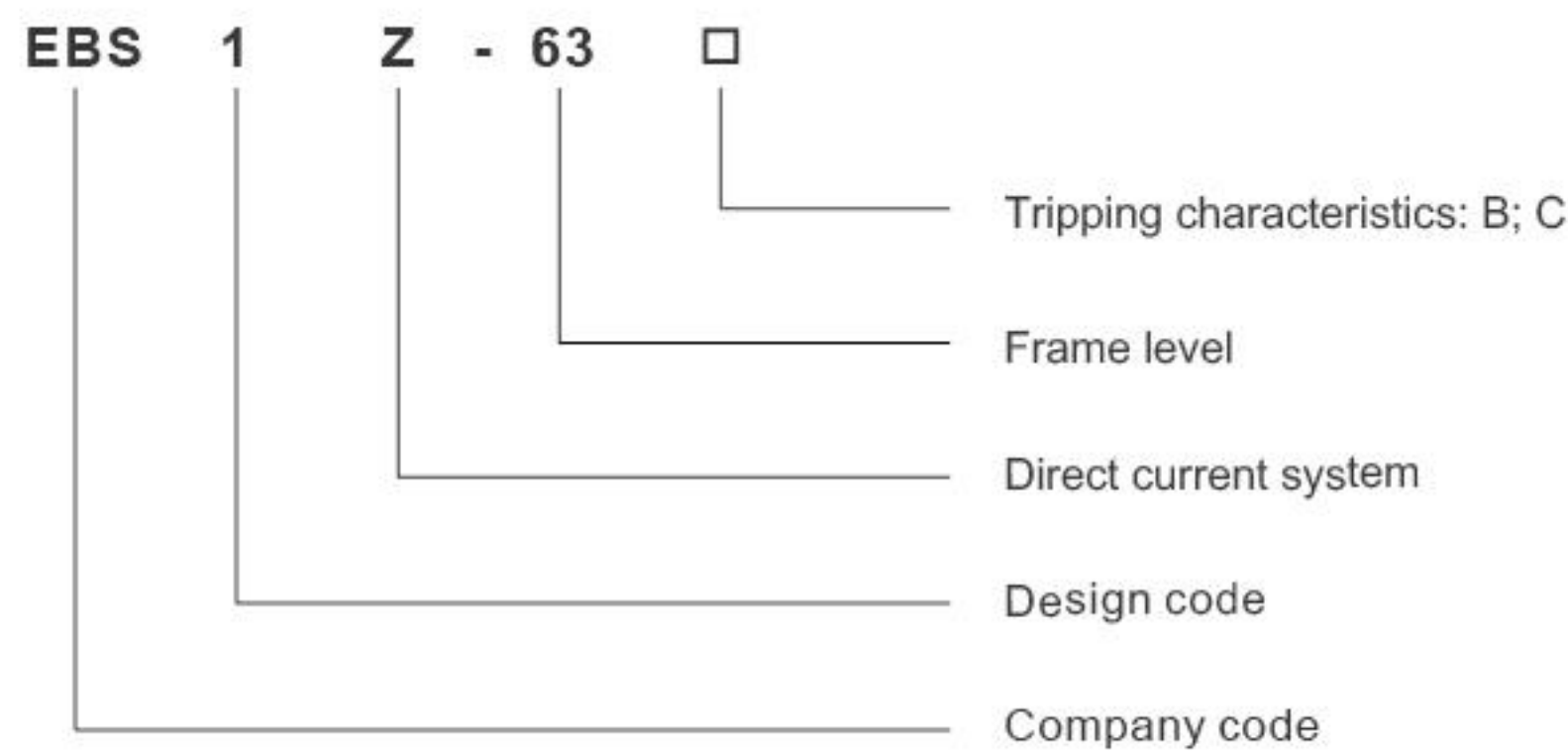
EBS1Z series DC mini Circuit Breaker is suitable in normal current 63A and below, directly-current rated voltage 250V-1000V, Uses for carries on the overload, short-circuit protection to the current electrical power distribution system's facility and the electrical equipment, and used in professional electric power, posts and telecommunications transportation, Industrial and mining establishments, and so on. It comply with IEC60898-2, GB10963 standards.



2.Feature

EBS1Z-63 is composed by shell, operation structure, thermal tripping system, electromagnetic tripping contact system, and Arc system lamp. It is used for overload and short-circuit protection capacity up to 10kA, mechanical lifespan over 20,000 times, elegant apperance, adopting TH35-7.5 standard steel rail, the characteristics are as follows: the handle is designed above the front surface, safe and comfortable in operation; when connecting the wires must be pay attention to the polarity“+ , -”, under the power source progresses, up for input, down for output, conforms to the characteristics of power source connection. Easy for installation, save the line.

3.Nomenclature



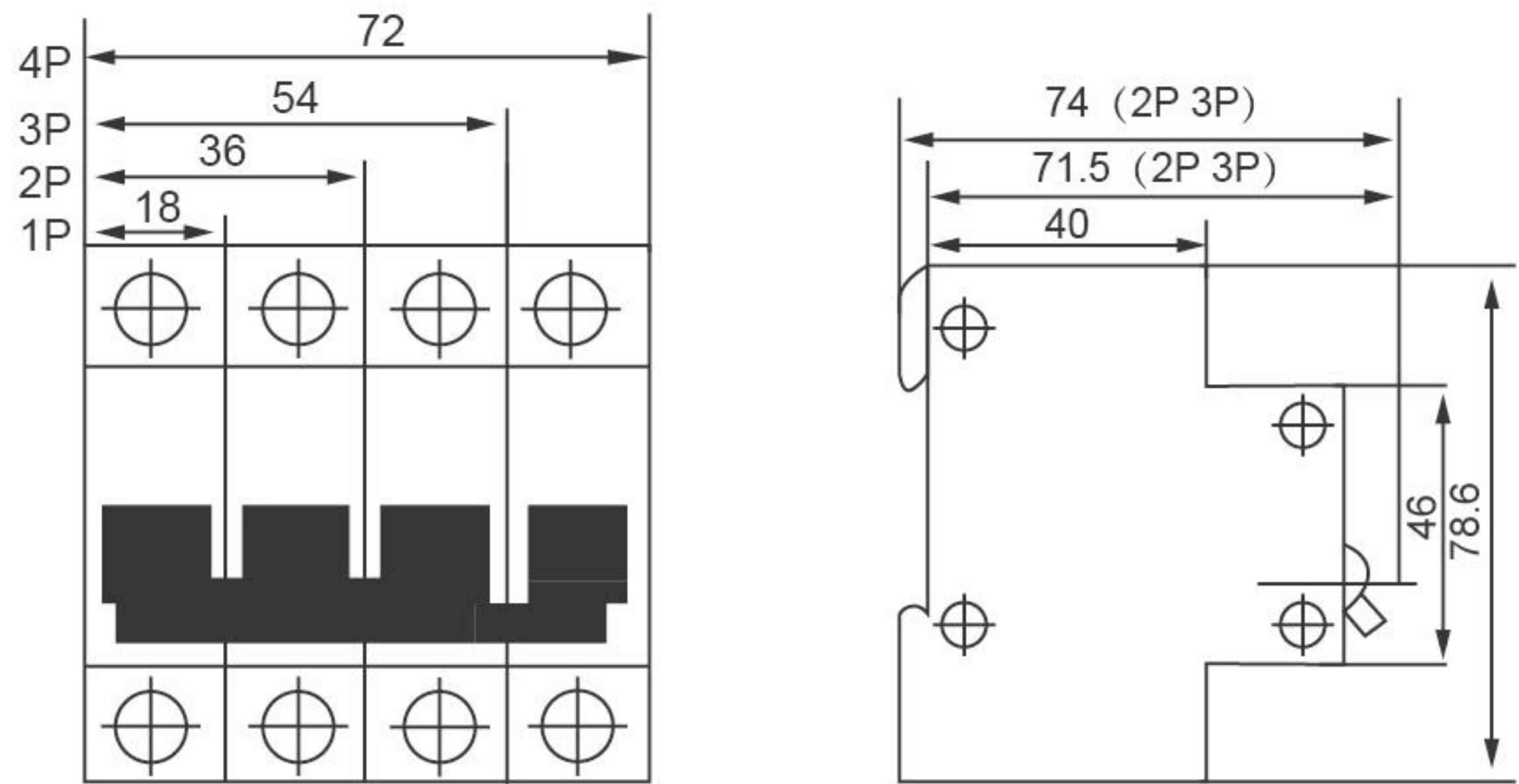
4.Technical Data

Frame level rated current Imm(A)	Pole	Width/bi (18mm multiple)	Rated voltage(V)	Rated current(A)	Ultimate short-break capacity		Instantaneous trip type
					Current Icu(A)	Time constant T(ms)	
63	1	1	DC 250V	1 2 3 4 5 6 10 16 20 25 32 40 50 63 A	10000	10	B C
	2	2	DC 500V				
	3	3	DC 750V		6000		
	4	4	DC 1000V				

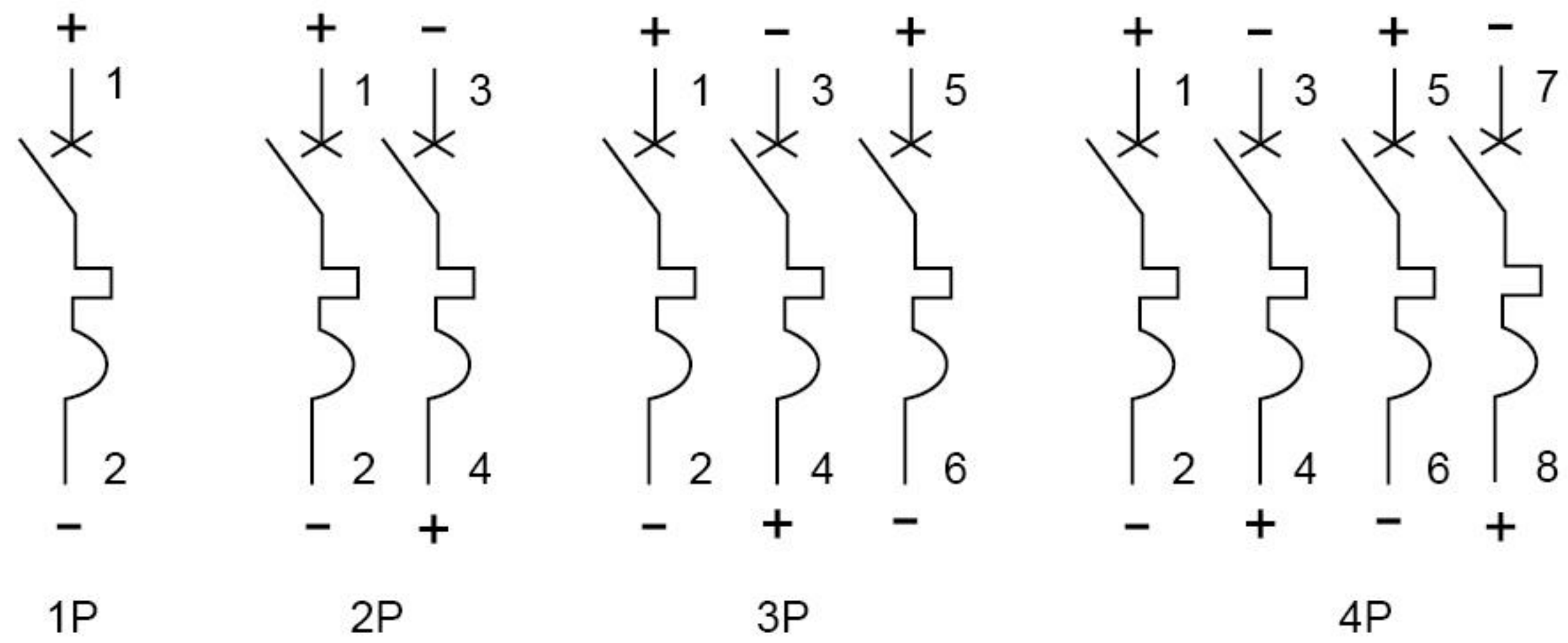
5.Standard Time Current

Test	Type	Test current	Original current	The tripping type does not release the time limit	Result	Remark
a	B C	1.3In	Cold state	$t \geq 1h (I_n \leq 63A)$	No trip	
b	B C	1.45In	Following a test	$t < 1h (I_n \leq 63A)$	trip	Current up steadily in 5s
c	B C	2.55In	Cold state	$1s < t < 60s (I_n \leq 32A)$	trip	
				$1s < t < 120s (I_n > 32A)$		
d	B C	4In	Cold state	$0.1s \leq t \leq 45s (I_n \leq 32A)$ $0.1s \leq t \leq 90s (I_n > 32A)$	trip	Shut auxiliary switch and connect the power
		7In		$0.1s \leq t \leq 15s (I_n \leq 32A)$ $0.1s \leq t \leq 30s (I_n > 32A)$		
e	B C	7In	Cold state	$t < 0.1s$	trip	
		15In				

6.Overall And Mounting Dimensions



7.Connection Diagram



8.Order Note

Following items should be marked when ordering	Ordering sample
Product name, model & frame level	To order the EBS1Z-63 miniature circuit breaker, 1P, Curve C, rated current is 63A, and quantity is 100 pieces, should be marked:
Poles	MCB EBS1Z-63/1PC63, 100 PCS.
Tripping characteristic and rated current	
Quantity	