



Specifications and technical data are subject to change without notice.

Please contact to confirm relevant information on ordering.

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EBASEE
Smart Living Green Ebasee



MODULAR TERMINAL



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.

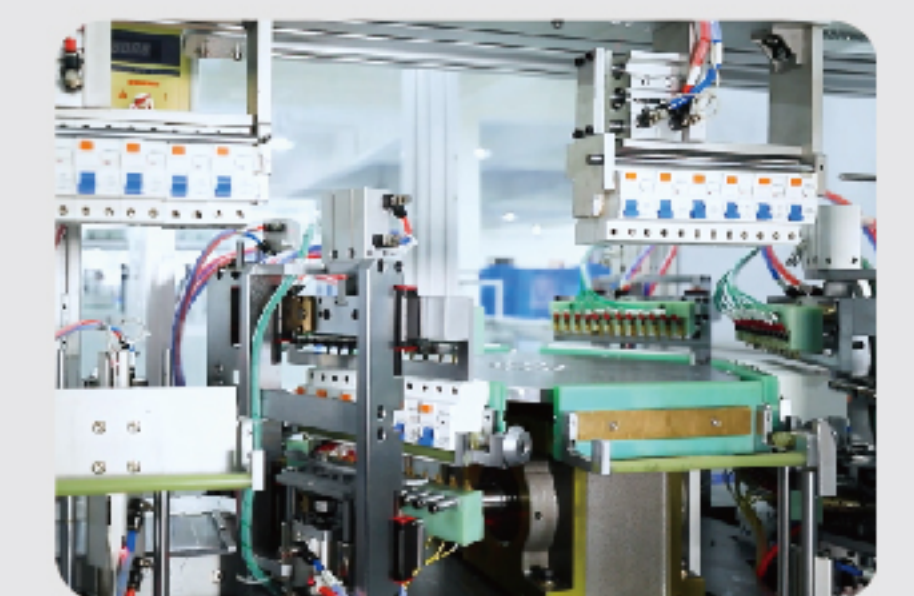
EBASEE focused on achieving growth through the success of worldwide partners. Guided by the philosophy of "market-oriented", powered by the idea of "Quick response and flexible supply", EBASEE support our worldwide partners to compete against established global players, to deliver the most systemetic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

"Smart life, Green EBASEE"



Quality is our culture!

PRODUCTION LINE

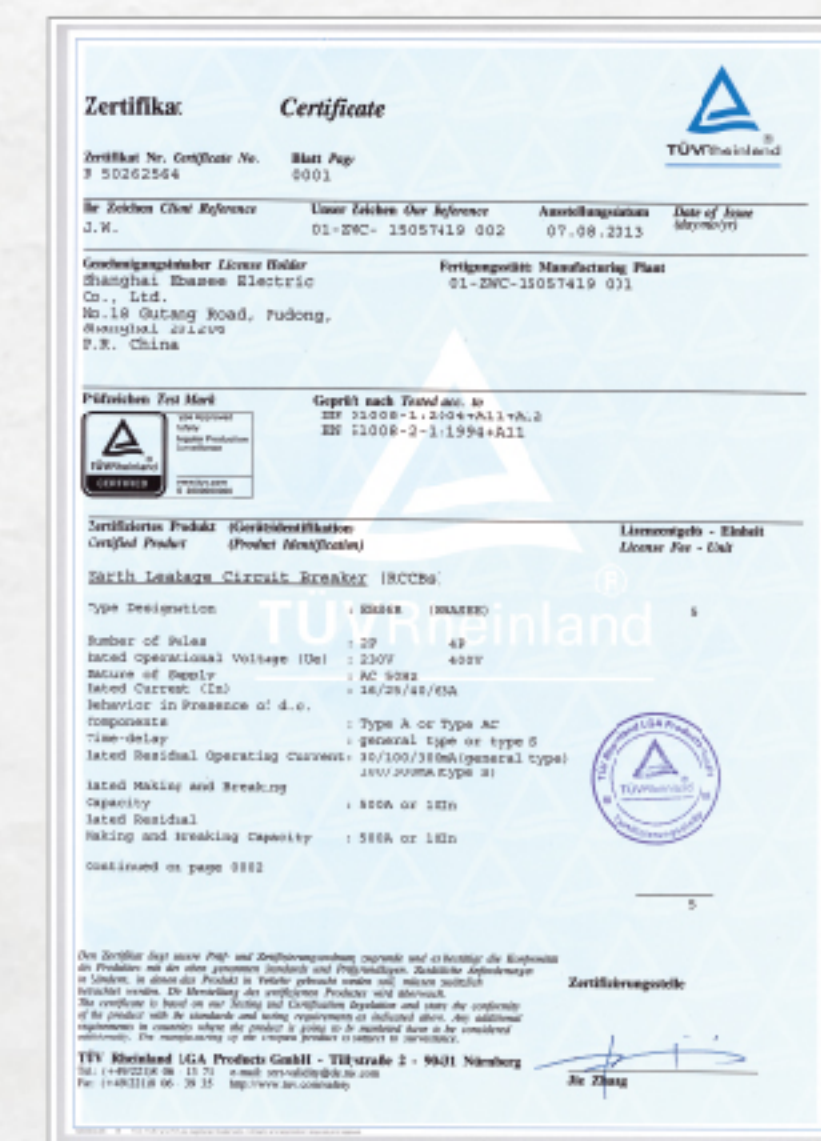
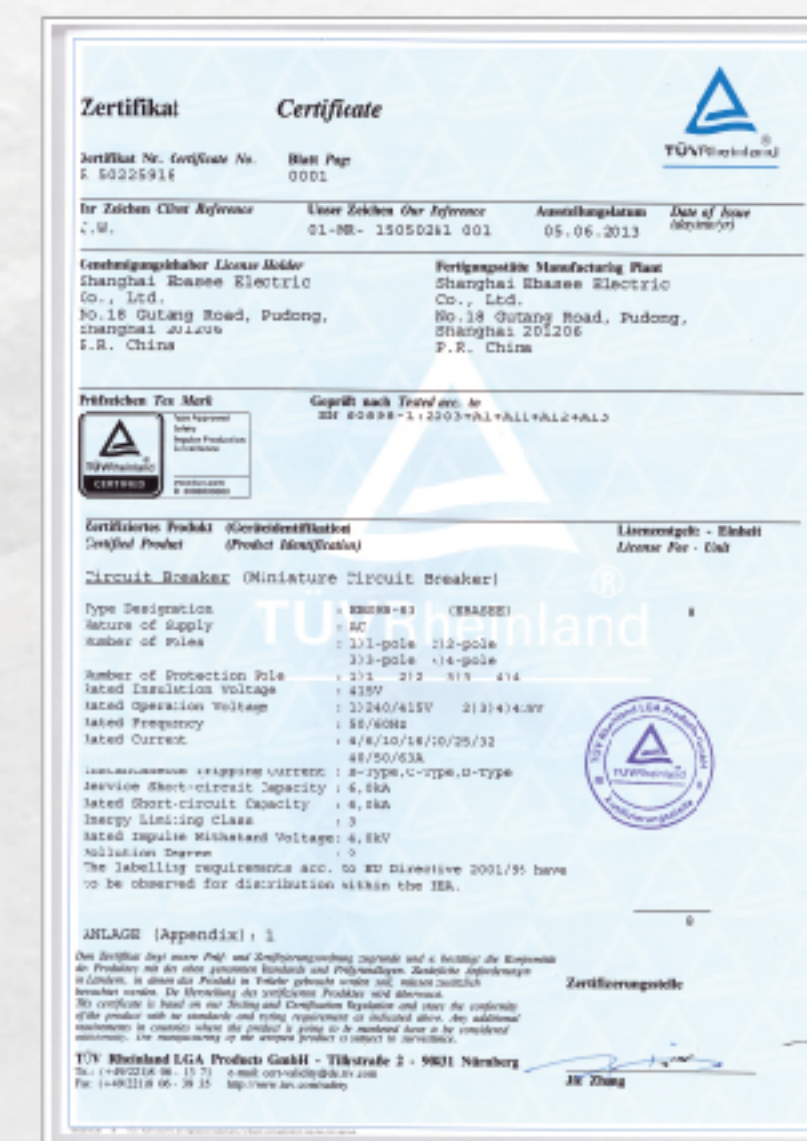
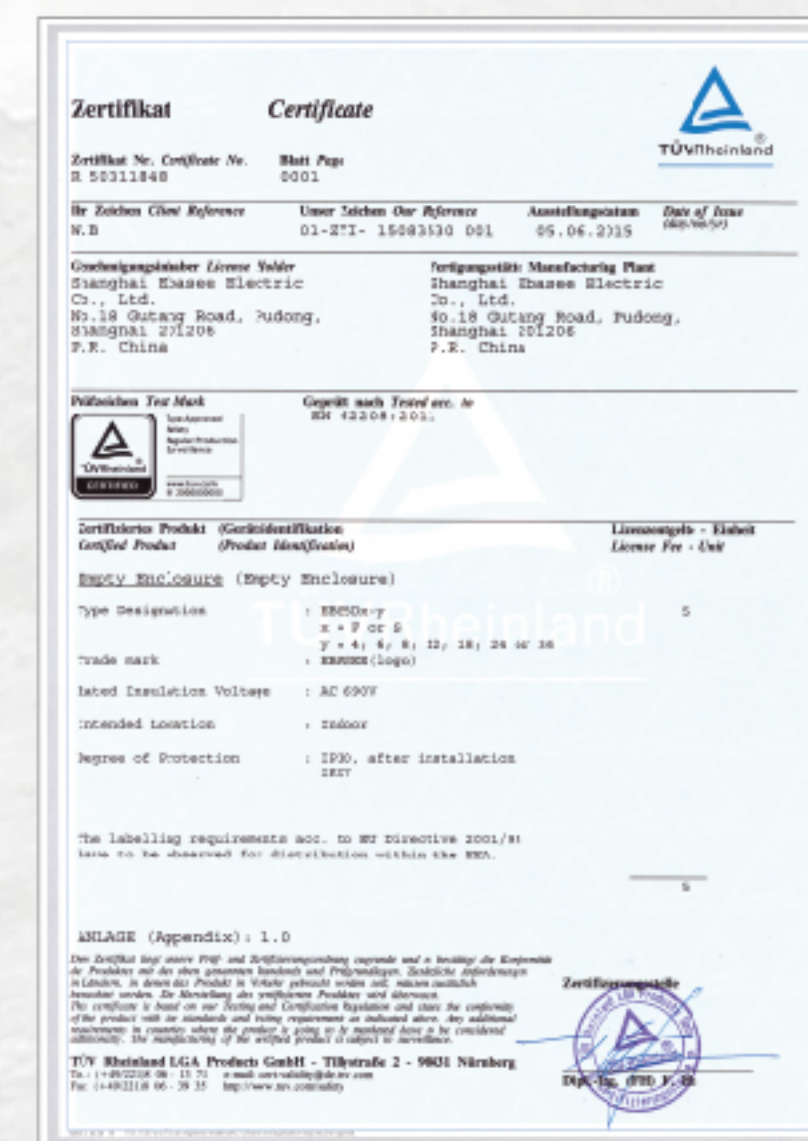
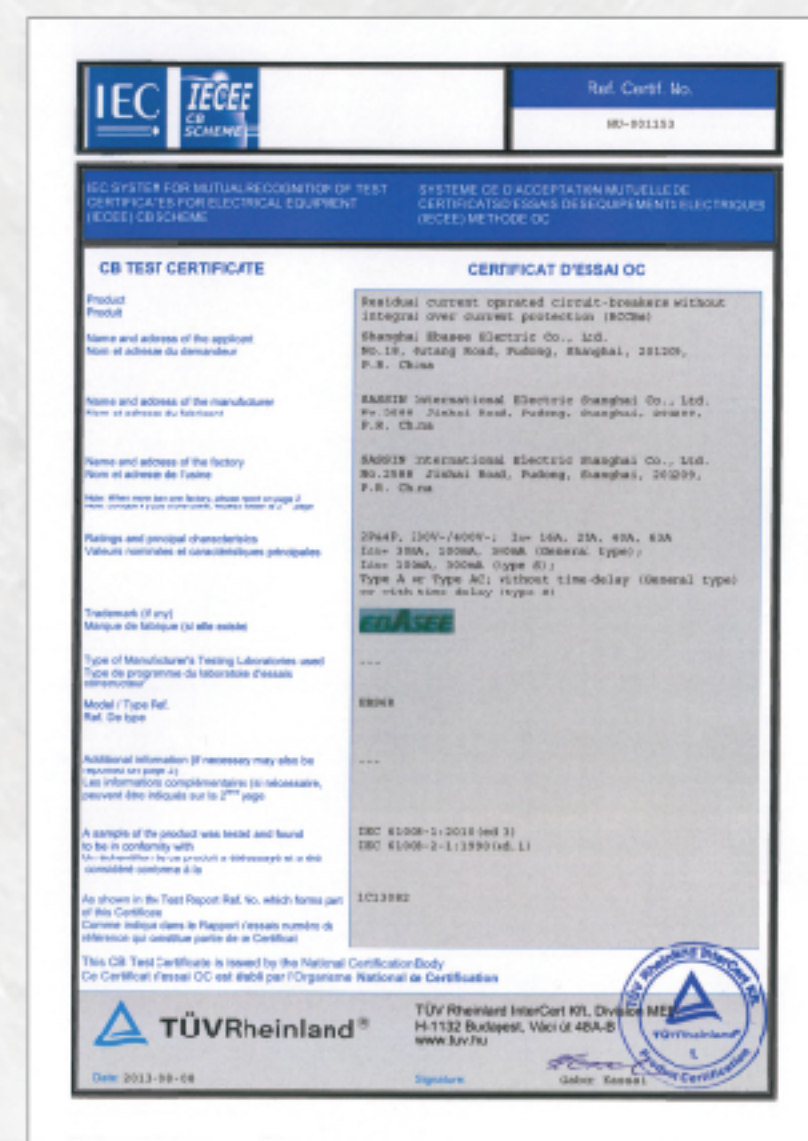
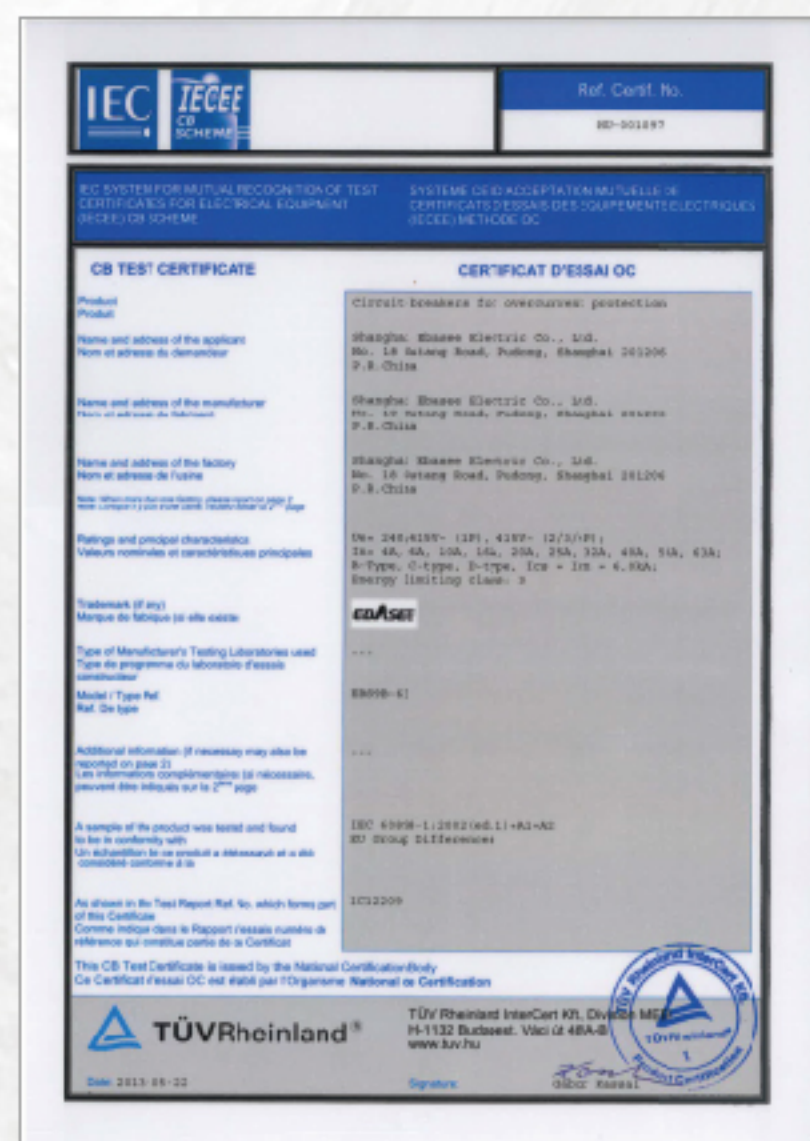


SMART LIVING GREEN EBASEE



INTERNATIONAL 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

Residual current circuit breakers are used in housing ,tertiary sector and industry.

- Control electric circuits.
- Protect people against indirect contacts and additional protection against direct contacts.
- Protect installations against fire hazard due to insulation faults.
- Wide variety of rated tripping currents

2.Nomenclature

EBS 5R - 100 / 2P



3.Specifications

Type	Standard		IEC/EN 61008-1
Electrical features	Leakage type		Electromagnetic type
	Rated current In	A	16, 25, 40, 63, 100
	Type (wave form of the earth leakage sensed)		AC, A, S
	Poles	P	2,4
	Rated voltage Ue	V	240/415
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity Inc=IΔc	A	6000
	SCPD fuse	A	6000
	Rated impulse withstand voltage (1.2/50) Uimp	V	6000
	Dielectric test voltage at ind. Freq. for 1min	kV	2.5
	Rated sensitivity IΔn	A	0.01, 0.03, 0.1, 0.3
	Rated residual making and breaking capacity IΔm	A	500(In≤40A);630(In>40A)
	Pollution degree		2
Mechanical features	Electrical life	t	4000
	Mechanical life	t	8000
	Protection degree		IP20
	Ambient temperature(with daily average≤35℃)	℃	-25~+40
	Storage temperature	℃	-25~+70
Installation	Terminal connection type		Cable/Pin-type busbar/U-type bar
	Terminal size top/bottom for cable	mm²	25
		AWG	18-3
	Terminal size top/bottom for busbar	mm²	25
		AWG	18-3
	Tightening torque	N*m	2
		In-lbs	18
	Mounting		On DIN rail EN 60715(35mm)by means of fast clip device
	Connection		From top and bottom

4.Conductor

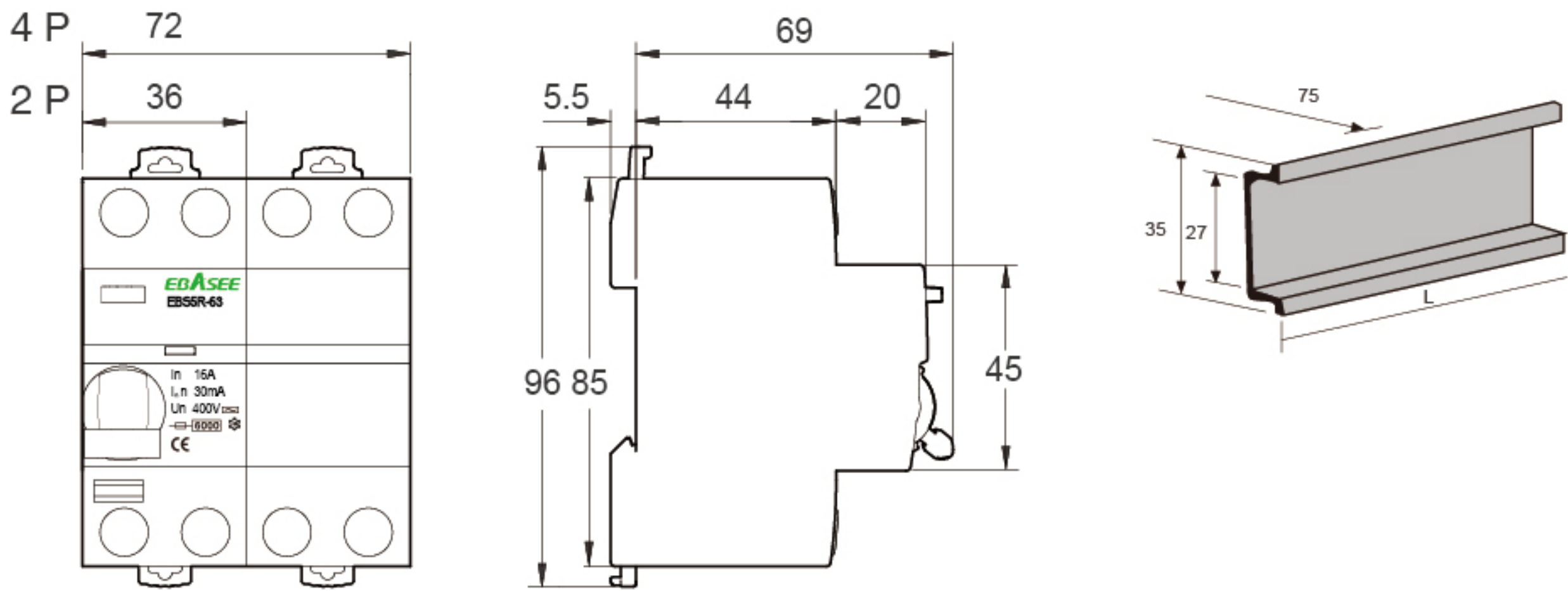
Copper cross-section(mm²)	Rated current In(A)
1	In≤6
1.5	6<In≤13
2.5	13<In≤20
4	20<In≤25
6	25<In≤32
10	32<In≤50
16	50<In≤63
25	63<In≤80

5.Types

Both RCCBs and RCBOs are further divided into types depending on the operating function:

- ☐ **Type AC** : For which tripping is ensured for residual sinusoidal alternating currents, whether suddenly applied or slowly rising.
- ☐ **Type A** : For which tripping is ensured for residual sinusoidal alternating currents and residual pulsating direct currents, whether suddenly applied or slowly rising.
- ☐ **Type S** : For selectivity, with time delay.

6.Dimensions



7.Order Note

Following items should be marked when ordering	Ordering sample
Product name, model & frame level	To order EBS5R-63 residual current circuit breaker, frame level 100A,
Poles	2P, rated current 25A, rated residual current is 30mA, quantity 100
Tripping characteristic and rated current	pieces, should be marked:
Quantity	Residual current circuit breaker EBS5R-63/2P 25A 30mA, 100 PCS.