



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



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.

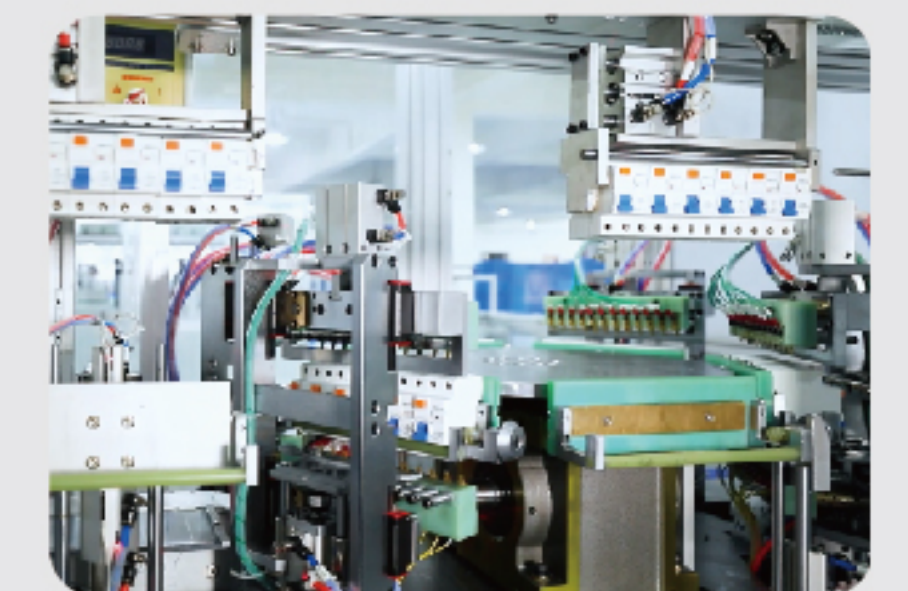
EBASEE focused on achieving growth through the success of worldwide partners. Guided by the philosophy of "market-oriented", powered by the idea of "Quick response and flexible supply", EBASEE support our worldwide partners to compete against established global players, to deliver the most systematic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

"Smart life, Green EBASEE"



Quality is our culture!

PRODUCTION LINE

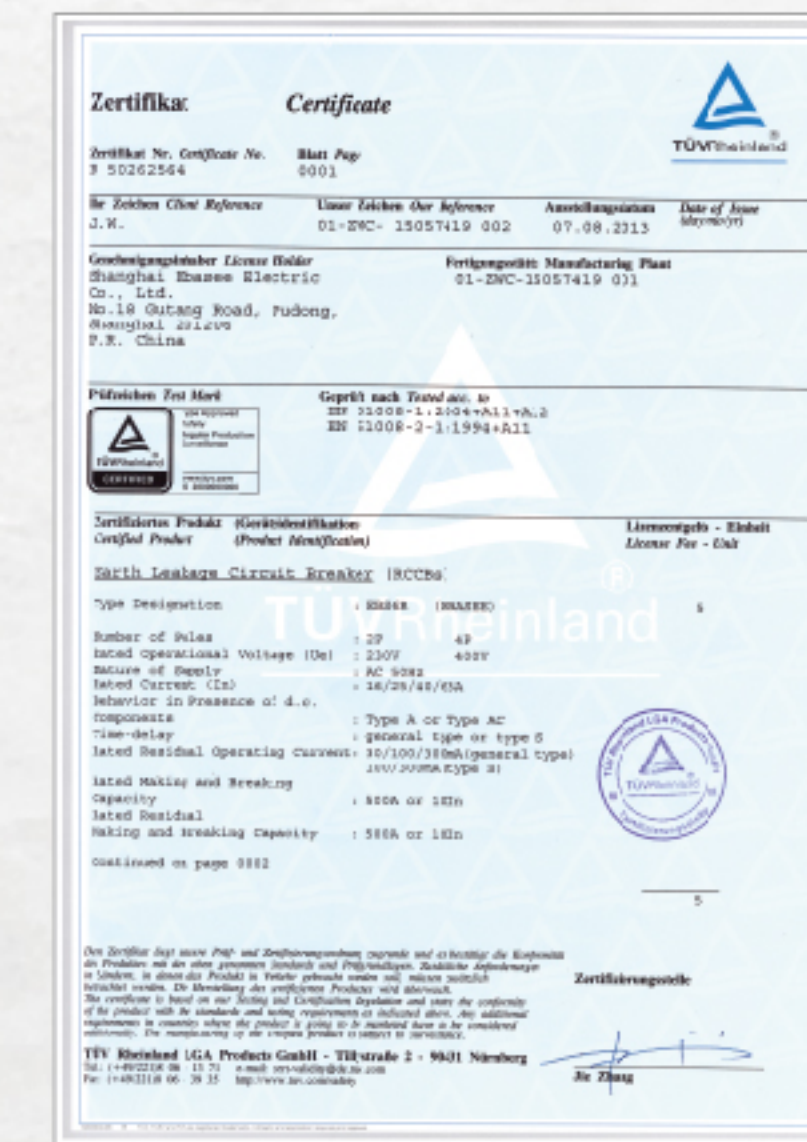
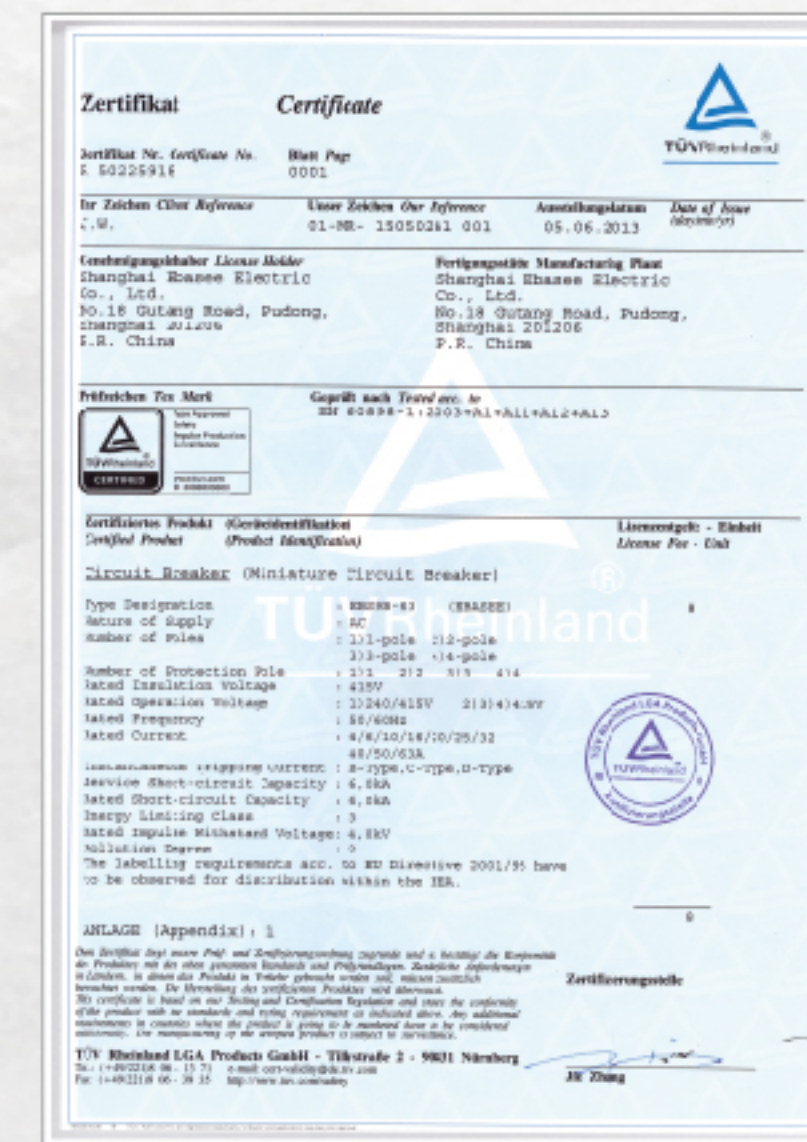
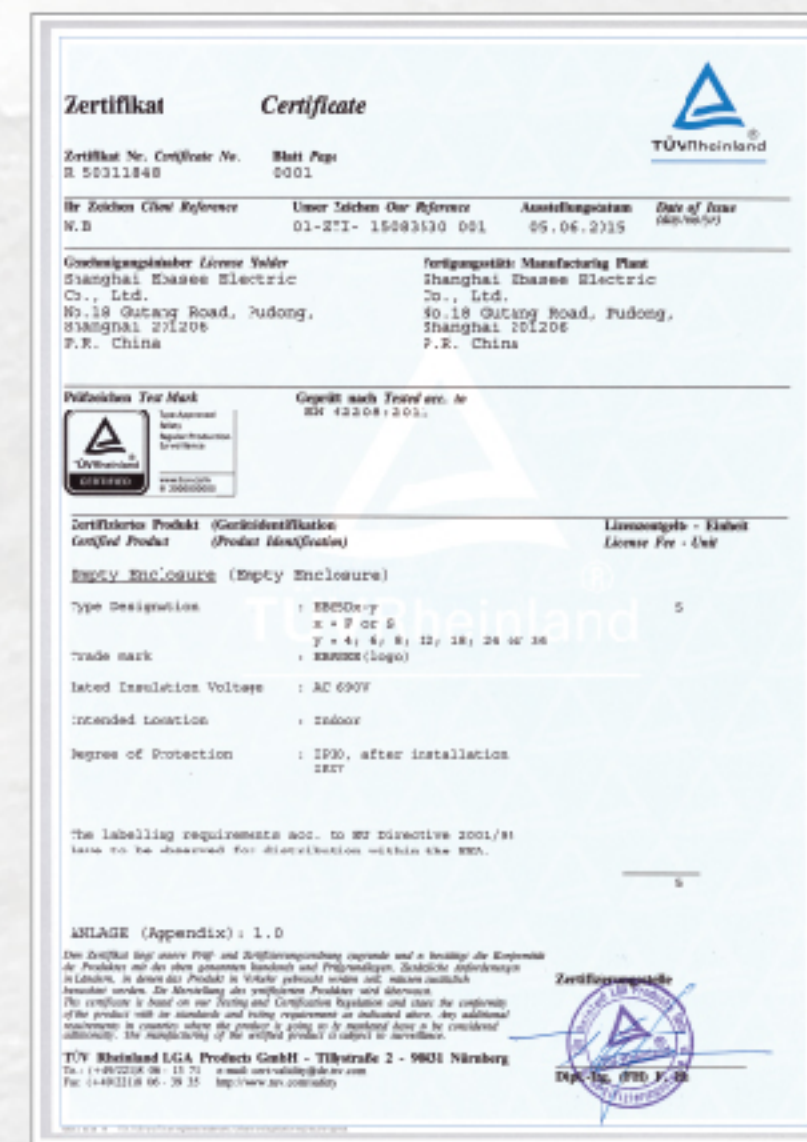
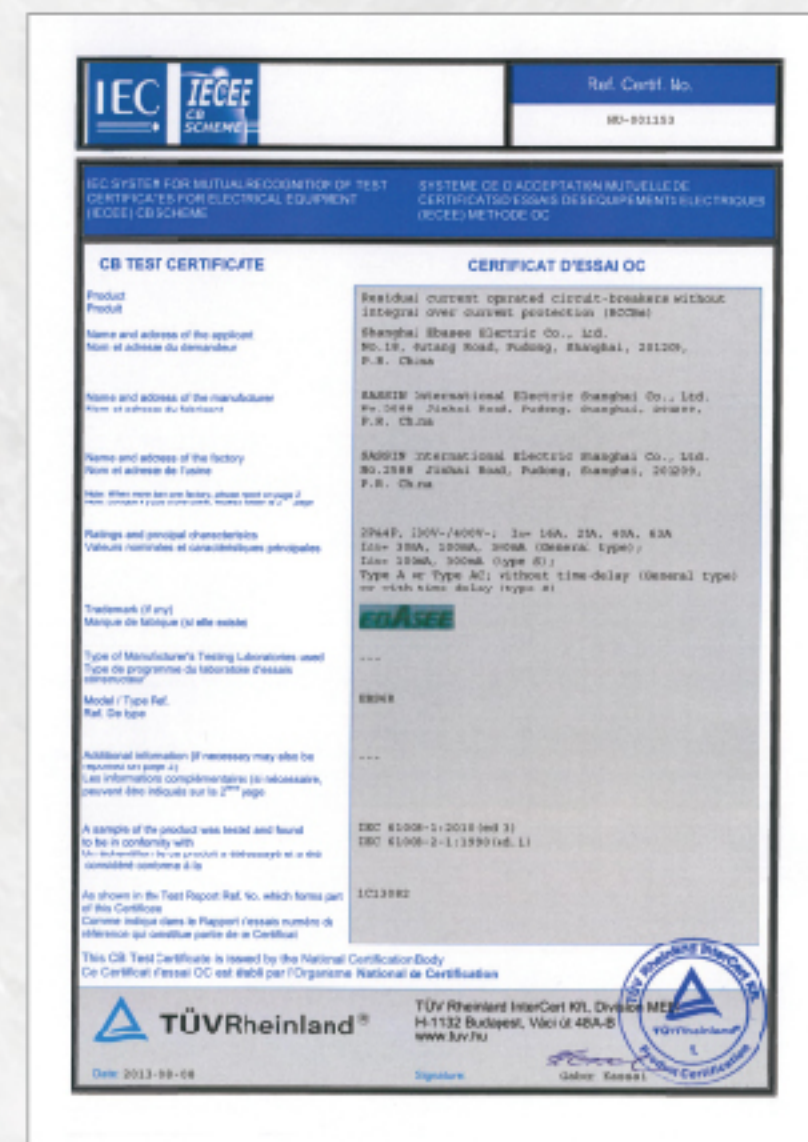
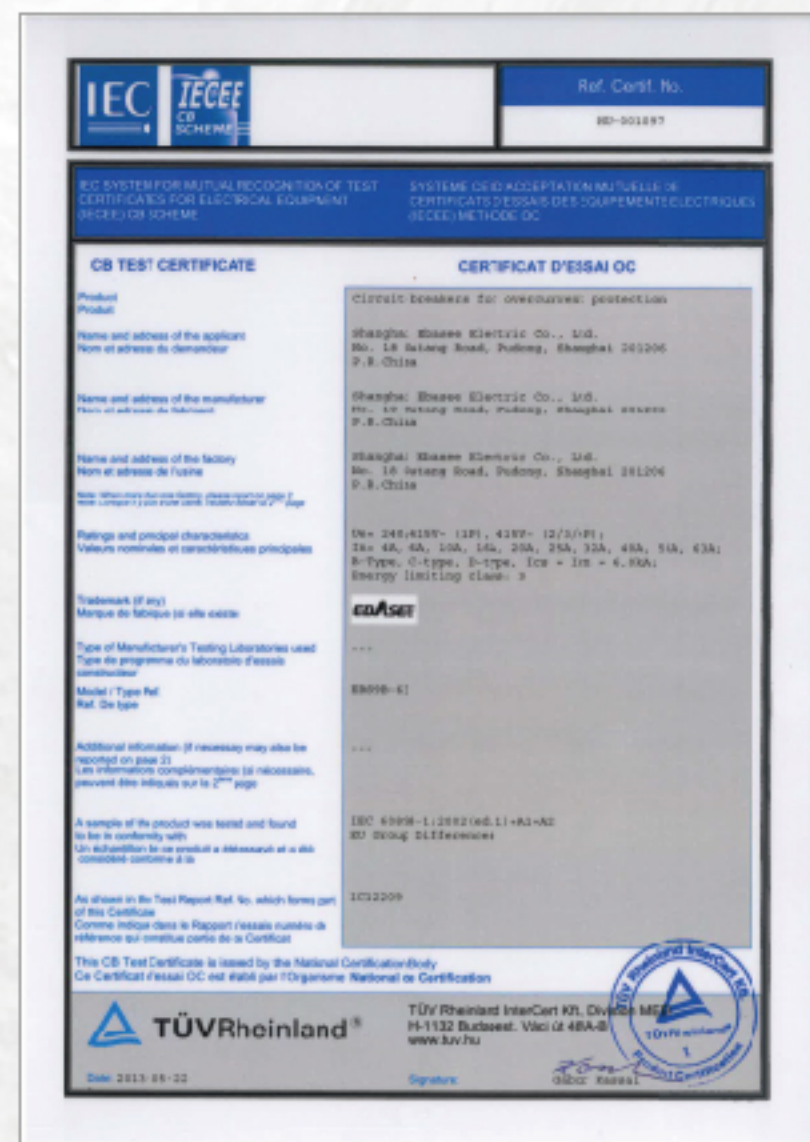
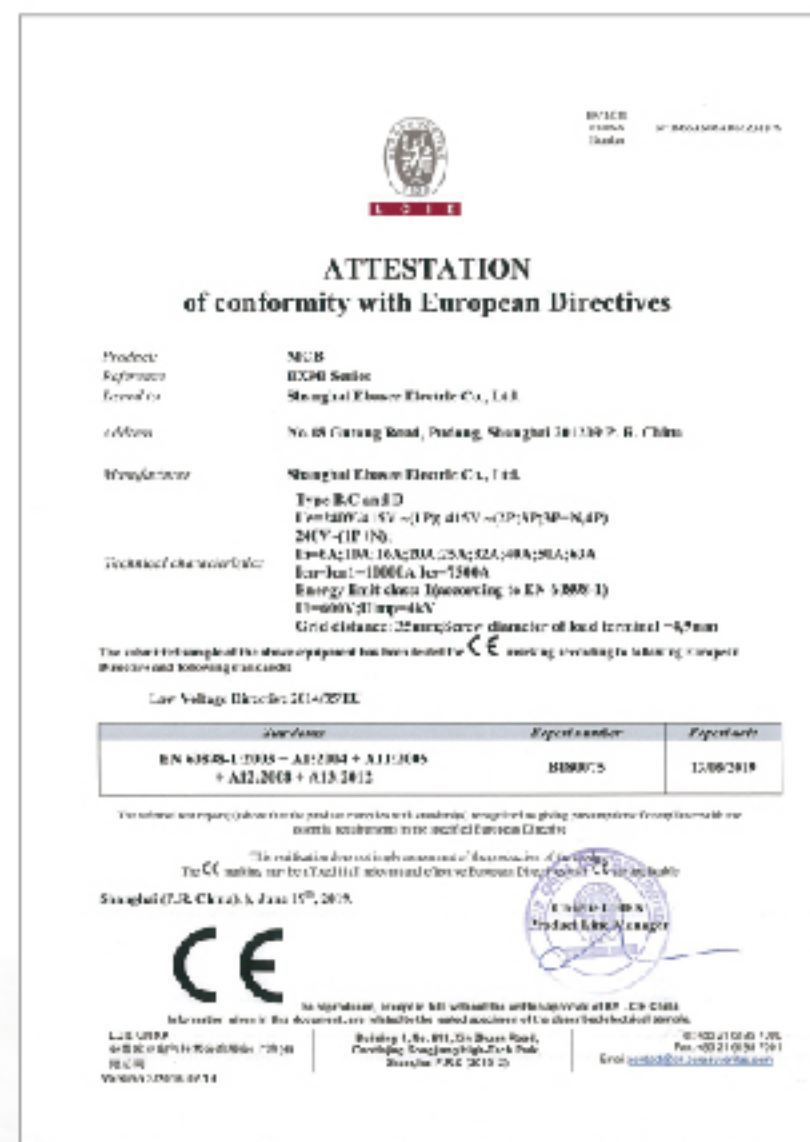


SMART LIVING GREEN EBASEE



INTERNATIONAL QUALITY CERTIFICATE

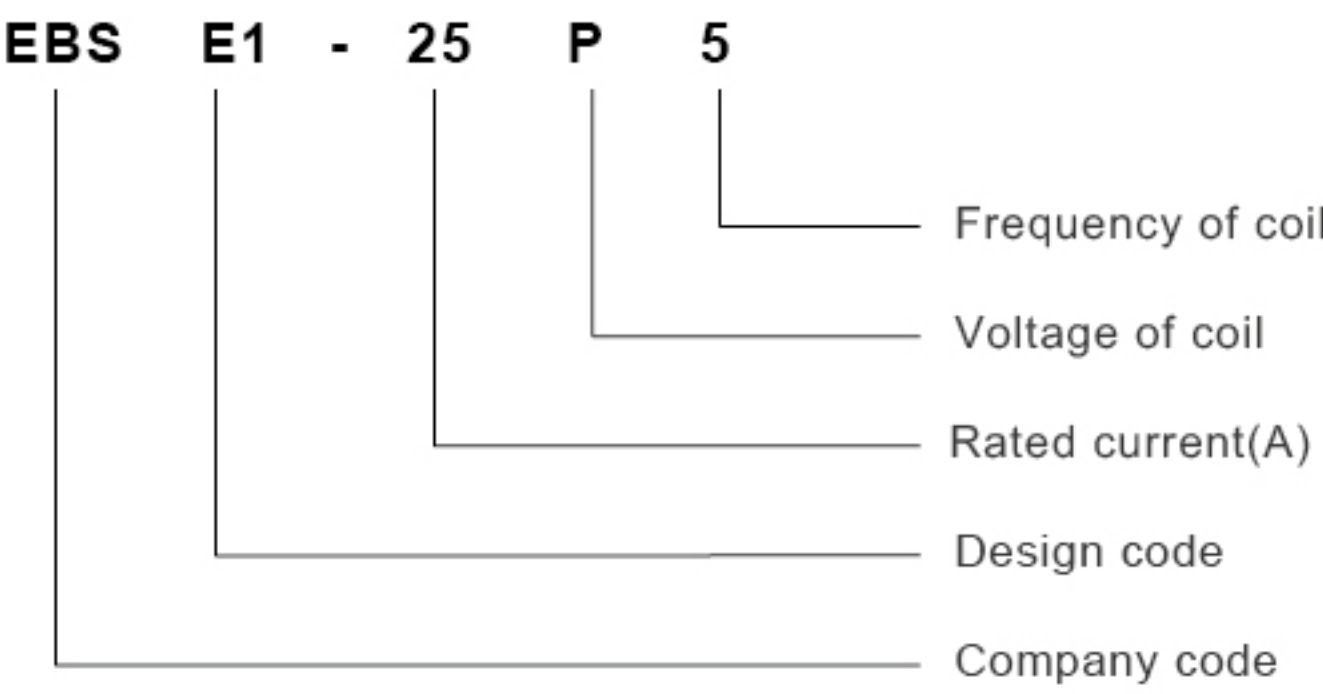
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1.General

EBSE1 DOL starter mainly applies to circuit of AC 50 or 60Hz, voltage up to 550V for remote making and breaking circuit and frequently starting and controlling motor.It features small volume light weight, low power consumption, high efficiency, safe and reliable performance etc.

2.Nomenclature



3.Operation and Installation Condition

- The ambient temperature: the ceiling should not exceed +40℃ , lower bound should not lower than -5℃ , and the average value in 24h should not exceed +35℃ .
- Altitudes in installation site is not over 2000m.
- The relative humidity of the atmosphere should not exceed 50% when the temperature is +40℃ .
- Pollution grade at installation site: 3 grade.
- Installation classification III classification.
- The starter should be installed in the vertical plane, it's gradient should not exceed 5°.
- PVC copper insulated conductor is recommended, sectional area shall meet the set current, or it will interfere with the working performance.
- EBSE1-40-95 is metal shell, the grounding screw should be connected to ground well.

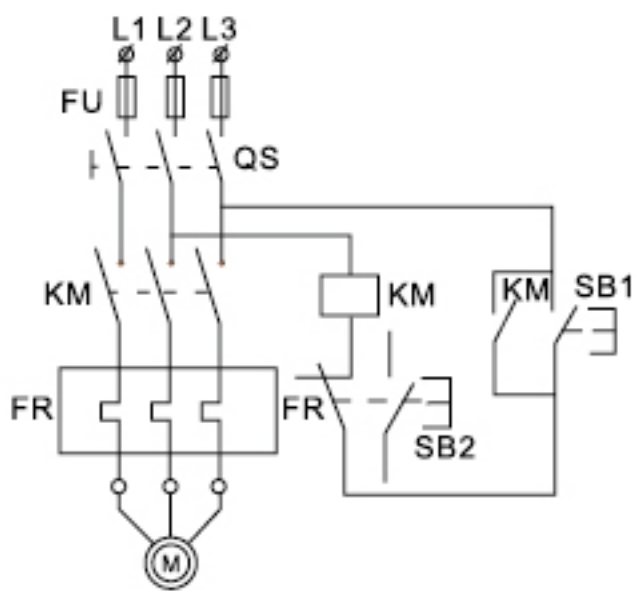
4.Specifications

Type	Standard		IEC60947-4-1, IEC60439-1
Electrical features	Rated current In	A	09, 12, 18, 25, 32, 40, 50, 65, 80, 95
	Rated insulating voltage	V	690
	Control (Two pushbuttons mounted on enclosure cover)		1-green: start button "I" 2-red: stop/reset button "O"
	Rated frequency	Hz	50/60
	Connections		Pre-wired power and control circuit connections
	Protection degree		IP65
	Material		EBS1E-09~32 plastic EBS1E-40~95 metal
Mechanical features	Working form (with daily average≤35℃)	℃	8 hours uninterrupted duty intermittent periodic duty: 600 time/hour without thermal relay at 40%t power access rate 15 times/hour with thermal relay
	Mechanical life		6x10 ⁶ times
	Electrical life		6x10 ⁵ times
	Ambient air temperature ℃		-5~+40
	meter		2000
	Pollution degree		3
	Installation category		3

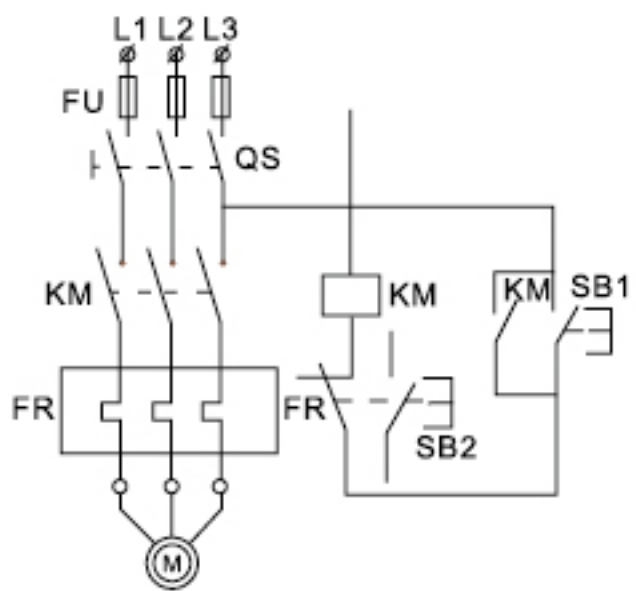
Standard power ratings of 3-phase motors 50-60Hz in category AC-3			Rated current	Conventional heating current Ith (A)	Matched thermal relay ⁽¹⁾	Type code
220V 230V kW	380V 400V kW	660V 690V kW	380V A			230V 50HZ Please contact us for other coil voltage.
2.2	4	5.5	9	20	1TR-25	E1 09P5
3	5.5	7.5	12	20	1TR-25	E1 12P5
4	7.5	9	18	32	1TR-25	E1 18P5
5.5	11	15	25	40	1TR-25	E1 25P5
7.5	15	18.5	32	50	1TR-36	E1 32P5
11	18.5	30	40	60	1TR-93	E1 40P5
15	22	33	45	80	1TR-93	E1 50P5
18.5	30	37	65	80	1TR-93	E1 65P5
22	37	45	85	110	1TR-93	E1 85P5
25	45	45	95	125	1TR-93	E1 95P5

(1) One starter can be installed with different setting current thermal relay to control different power motor and protect overload, the relay has to be ordered separately.

5.Dimensions

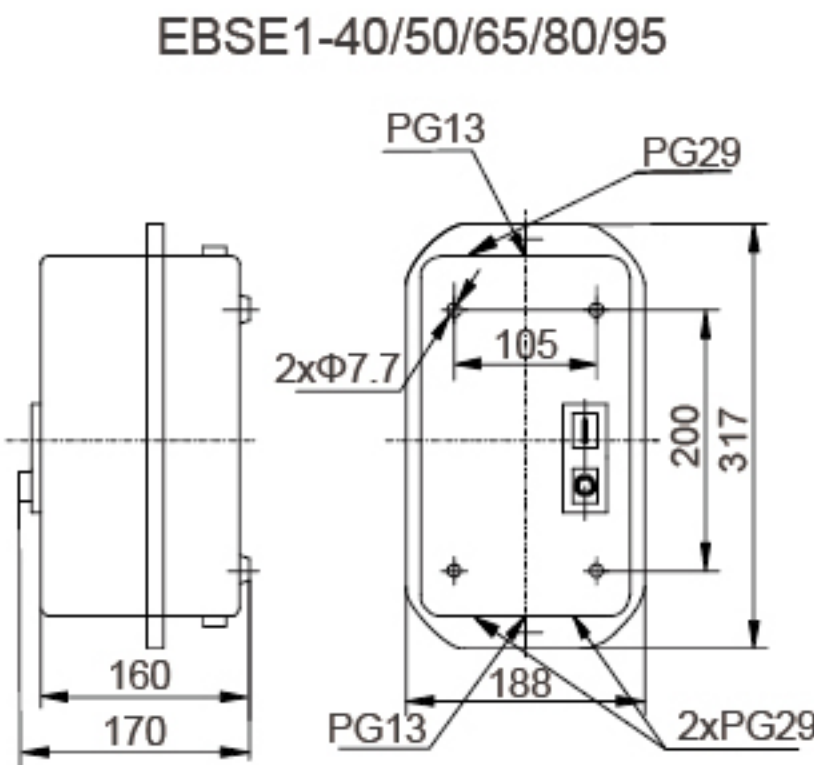
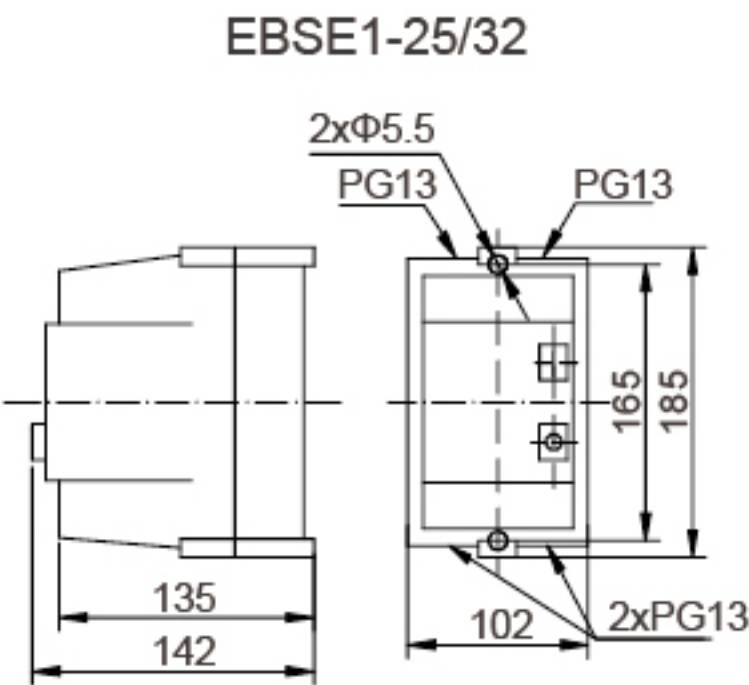
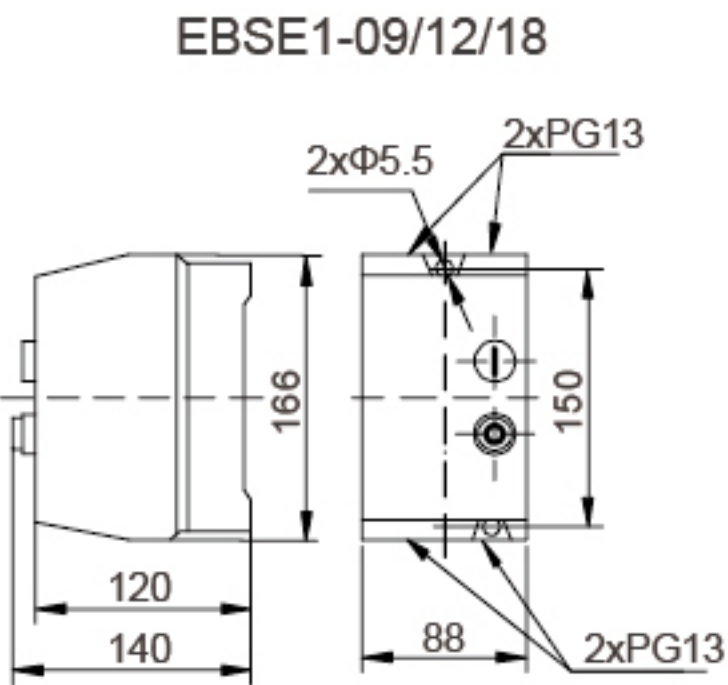


Drawing 1:
circuit controlling diagram
of the same voltage



Drawing 2:
circuit controlling diagram
of the different voltage

FU-Fuse
KM-Contactor
SB1-Startup pushbutton
SB2-Breaking pushbutton
FR-Thermal relay
QS-Isolating (micro) switch
M-Motor



6.Order Note

Following items should be marked when ordering	Ordering sample
Product name and model	To order EBSE1 DOL Starter, rated current is 25A, setting current
Rated current	range is 18A, quantity is 1000 pieces, should be marked:
Setting current range	Thermal relay EBSE1-25/18 1000pcs
Quantity	