 Specifications and technical data are subject to change without notice.  
Please contact us to confirm relevant information on ordering.



CONTROL ELECTRIC

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APP

**Ebasee**  
Smart Living Green Ebasee  
Ebasee Ltd.,China

## 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 gained many international approvals, such as **TUV, KEMA, CB, SEMKO, RoHS, CE, and CCC** etc.

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

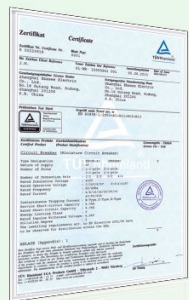
EBASEE have wide range cooperations with world leading companies in new products developing or OEM, ODM cooperation. Meanwhile we also process industry cooperation on intelligent home products, and work with some university such as Xi'an Jiao Tong University on project solutions. EBASEE is focused on achieving growth through the growth and success of its worldwide partners.

EBASEE, guided by the "market-oriented" philosophy, powered with the "Quick response and flexible supply" capability, can support our worldwide partners to compete against established global players to deliver the most comprehensive and cost-effective products and service in the market.

"Smart life, Green EBASEE"



## Enterprise credit



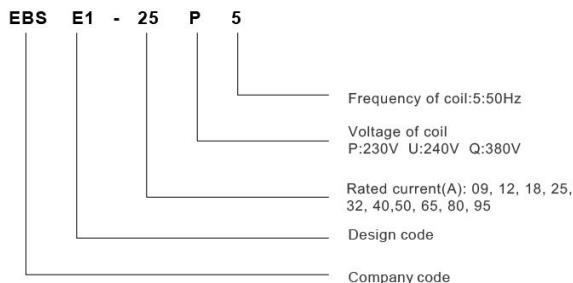
# EBSE1 DOL Starter

## Function

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.



## Nomenclature

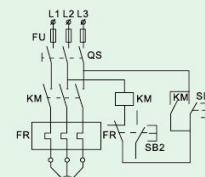


## Characteristics

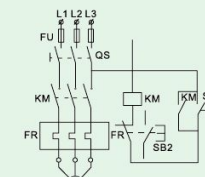
Standard	IEC60947-4-1, IEC60439-1
Rated insulating voltage	690V
Material	EBS1E-09-32 plastic EBS1E-40-95 metal
Protection level	IP65
Control (Two pushbuttons mounted on enclosure cover)	1-green: start button "I" 2-red: stop/reset button "O"
Connections	Pre-wired power and control circuit connections
Working form	8 hours uninterrupted duty intermittent periodic duty: 600time/hour without thermal relay at 40% power access rate 15 times/hour with thermal relay
Mechanical life	6x10 <sup>6</sup> times
Electrical life	6x10 <sup>5</sup> times

## Installation Conditions

Ambient air temperature °C	-5 ~ +40
Altitude max. meter	2000
Pollution degree	3
Installation category	3



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

## Circuit Connection



Standard power ratings of 3-phase motors 50-60Hz in category AC-3			Rated current	Conventional heating current I <sub>th</sub> (A)	Matched thermal relay <sup>(1)</sup>	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.