

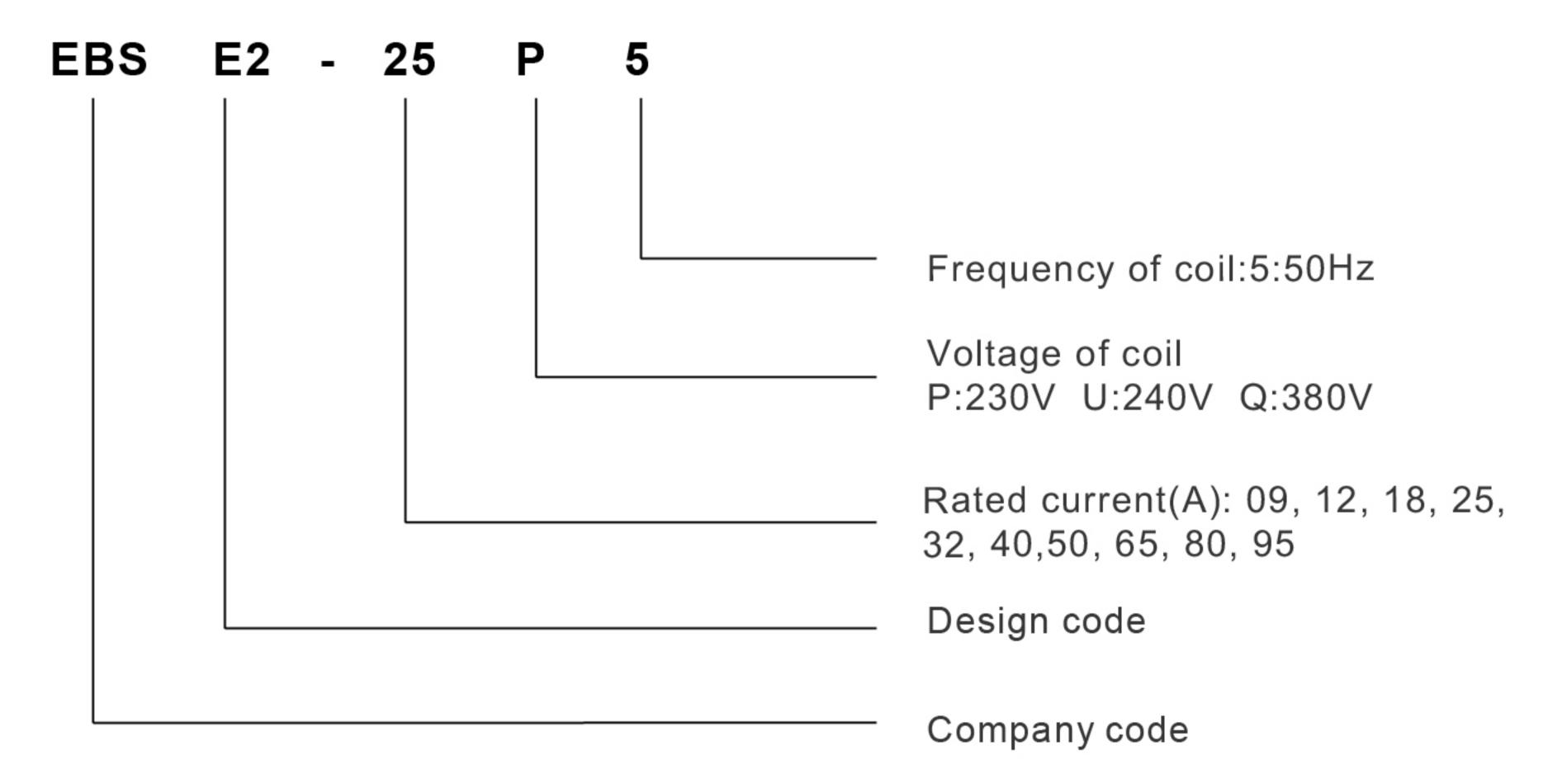
# EBSE2 DOL Starter



## Function

EBSE2 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

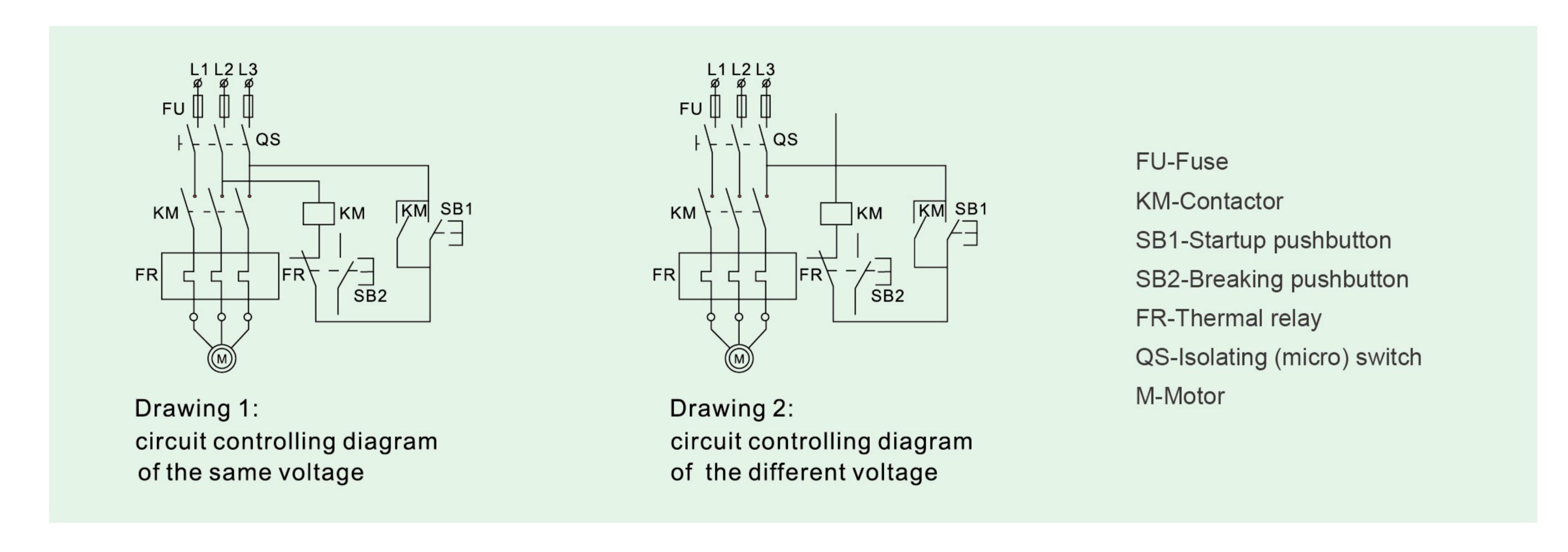


# Characteristics

Standard	IEC60947-4-1, IEC60439-1		
Rated insulating voltage	690V EBS1E-09~32 plastic EBS1E-40~95 metal		
Material			
Protection level	IP65		
Control	1-green: start button "I"		
(Two pushbuttons mounted on enclosure cover)	2-red: stop/reset button "O"		
Connections	Pre-wired power and control circuit connections		
Working form	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		
Mechanicallife	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



# Circuit Connection

Standard powerratings of 3-phase motors 50-60Hz in category AC-3		Rated current	Conventional heating current Ith (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	E2 09P5
3	5.5	7.5	12	20	1TR-25	E2 12P5
4	7.5	9	18	32	1TR-25	E2 18P5
5.5	11	15	25	40	1TR-25	E2 25P5
7.5	15	18.5	32	50	1TR-36	E2 32P5
11	18.5	30	40	60	1TR-93	E2 40P5
15	22	33	45	80	1TR-93	E2 50P5
18.5	30	37	65	80	1TR-93	E2 65P5
22	37	45	85	110	1TR-93	E2 85P5
25	45	45	95	125	1TR-93	E2 95P5

<sup>(1)</sup> 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.

001 www.ebasee.com 002