

Motor Protection Circuit Breaker

This motor protection circuit breaker is designed for AC circuits with voltage up to 660V and current up to 63A. It prevents overload and short circuit conditions in small capacity motors and circuits, and can also be used as a direct starter or switch.

Application
3VE is suitable in AC circuit of 50Hz or 60Hz, voltage up to 660V and current up to 0.1-63A and used to prevent small capacity motor and circuits from overload and short circuit, and also used as direct starter for starting the motor and a switch for changeover the circuit under normal conditions.

Specifications

Type	3VE1	3VE3	3VE4
Poles	3	3	3
Rated current(A)	20	32	63
Rated voltage(V)	660	660	660
Rated insulation voltage(V)	660	750	750

	0.1-0.6		
	0.16-0.25	1-1.6 1.6-2.5	6.3-10
Current setting	0.25-0.4 0.4-0.63	2.5-4 4-6.3	10-16 16-25
range (A)	0.63-1 1-1.6	6.3-10 8-12.5	22-32 28-40
	1.6-2.5 2-3.2	2.5-4 3.2-5	10-16 12.5-20
	4-6.3 5-8	6.3-10 8-12.5	16-25 22-32
	6.3-10 8-12.5	10-16 14-20	

Power of controlled motor	220V	5.5	9
(KW)	380V	10	18
	280V	13	26
	280V	10	26

Mechanical life (1x10 ⁵)	10	10	3

Protective feature	1.05In	Not act within 2hrs	
	1.2In	Act within 2hrs	
	12In	Action snap	