

# 3VE Motor Protection Circuit Breaker

## Application

The circuit breaker is suitable for the circuit with rated AC voltage up to 660V, frequency 50 or 60 Hz rated from 0.1 to 0.63A. It is used for overload and short-circuit protection in the motor with small capacity and circuit, can also be used for direct start of motor and circuit of unfrequent operation under normal condition.

## Sepecification

Conforms with IEC157-1 IEC292-1 GB1497-85

Type		3VE1	3VE3	3VE4	
Polar No(P)		3	3	3	
Rated voltage(V)		20	32	63	
The setting range of trip current (A)		0.1-0.16 0.25-0.4 1 2.5-4 6.3-10	0.16-0.25 0.4-0.63 1-1.6 1.6-2.5 3.2-5 8-12.5 10-16 14-20	1-1.6 1.6-2.5 2.5-4 4-6.3 6.3-10 8-12.5 10-16 12.5-20 16-25 22-32	6.3-10 10-16 16-25 2-32 28-40 36-50 45-63 45-56
Switch Capacity(effective value)motor(KW)	220V	1.5/0.95	10/0.5	20/0.3	
	380V	1.5/0.95	10/0.5	20/0.3	
	660V	1.0/0.95	3/0.9	5/0.7	
Power of controlled motor (KW)	220V	14	16	32	
	380V	13	26	58	
	660V	1	1	0.6	
Protective feature	1.05le	Not act with in 2hrs Act with in 2hrs Action snap			
	1.2le				
	1.2le				
Weight (kg)		0.285	0.52	1.2	

## Contacts of accessories

Names of accessories	Code	The types of contacts	inst allation place
Instantaneous auxiliary contacts	GV-AE11	1NO/NC	The front of breaker(1pc can be installed)
	GV-AE11	1NO+NC	
	GV-AE20	2NO	
	GV2-AN11	1NO+1NC	
	GV2-AN20	2NO	
	GV2-AN02	2NC	



3VE1



3VE1 COVER



3VE3



3VE4



3VR



DZM0-16



GV-AE11



GV2-AN11