

3VE series Motor Protection Circuit Breaker



3VE1



3VE3

APPLICATION

The circuit breaker is suitable for the circuit with rated AC voltage up to 660V, frequency 50 or 60Hz, 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.

SPECIFICATIONS

Conforms with IEC 157-1 IEC292-1 GB1497-85

Type	Poles (P)	Rated voltage (V)	The setting range of trip current (A)
3VE1	3	20	0.1-0.16, 0.16-0.25, 0.25-0.4, 0.4-0.63, 0.63-1, 1-1.6, 1.6-2.5, 2-3.2, 2.5-4, 3.2-5, 4-6.3, 5-8, 6.3-10, 8-12.5, 10-16, 14-20
3VE3	3	32	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
3VE4	3	63	6.3,-10, 10-16, 16-25, 2-32, 28-40, 36-50, 45-63, 45-56

Type	Switch capacity (effective value) motor (kW)			Power of controlled motor (kW)			Protective feature			Weight (kg)
	220V	380V	660V	220V	380V	660V	1.05le	1.2le	12le	
3VE1	1.5/0.95	1.5/0.95	1.0/0.95	14	13	1	Not act within 2 hrs	Act within 2 hrs	Split-second-re-sponse	0.285
3VE3	10/0.5	10/0.5	3/0.9	16	26	1				0.52
3VE4	20/0.3	20/0.3	5/0.7	32	58	0.6				1.2

3VU series Motor Protection Circuit Breaker



3VU1300



3VU1600

APPLICATION

The product is suitable to be used in circuit of rated voltage up to AC 660V 50/60Hz, rated current from 0.1A to 63A. It is applicable for protection of overload & short circuit of 3 phase squirrel-cage motors. It also can be used as direct starter to start the motor and a switch for changeover the circuit under normal conditions.

SPECIFICATION

Type	Current setting range (A)	Power of controlled motor (kW)	Rated current(A)
3VU 1300	0.1-0.16		0.16
	0.16-0.24	0.06	0.24
	0.24-0.4	0.09/0.12	0.4
	0.4-0.6	0.12/0.18	0.6
	0.6-1	0.25	1
	1-1.6	0.37/0.55	1.6
	1.6-2.4	0.75	2.4
	2-3.2	1.1	3.2
	2.4-4	1.1/1.5	4
	3.2-5	1.5/2.2	5
	4-6	2.2	6
	5-8	3	8
	6-10	3/4	10
	8-13	4/4.5	13
3VU 1600	10-16	7.5	16
	14-20	7.5	20
	18-25	11	25
	1-1.6	0.37/0.55	1.6
	1.6-2.4	0.75	2.4
	2.4-4	1.1/1.5	4
	4-6	2.2	6
	6-10	3/4	10
	10-16	5.5/7.5	16
	16-25	11	25