

HGV3 Motor Breaker

Application

HGV3-32 motor breaker is used in circuit up to 690V,0.1A to 80A,for protection against overload,loss of phase,short circuit of 3-phase squirrel cage asyn chronous motor,and infrequent start control.It can also be used for protection of distribution line and infrequent load switch over and serve for in sulator.

Characteristic

- High standard:in conformity with IEC60947-2 and IEC60947-4-1
- Compatibility:additionally fitted with accessories such as undervoltage release,shunted exciter release,failure display,auxiliarytest contactor and so on.
- High breaking capability:breaking capability up to 15KA.
- Long service life:electric life up to 10×10^4 cycles,5-10 times of general breakers.

Main Technical Parameters

HGV3-80 thermomagnetic to protect the circuit breaker for motor

Type	50/60Hz,AC-3 Three-phase motor standard rated power						Take off and spike the range of setting for while being hot	Magnetism take off deduct electric current $1d \pm 20\%$
	230V KW	380V KW	415V KW	440V KW	550V KW	660V 690V KW		
HGV3-06/80	-	0.37	-	0.55	0.75	1.1	1...1.6	19.2
HGV3-07/80	0.37	0.75	1.1	1.1	1.1	1.5	1.6...2.5	30
HGV3-08/80	0.75	1.5	1.5	1.5	2.2	3	2.5...0.40	48
HGV3-10/80	1.1	2.2	2.2	3	3.7	4	4...6	72
HGV3-14/80	2.2	4	4	4	5.5	7.5	6...10	120
HGV3-20/80	4	7.5	7.5	7.5	10	11	10...16	192
HGV3-25/80	5.5	11	11	11	15	18.5	16...25	300
HGV3-40/80	11	18.5	22	22	25	33	25...40	480
HGV3-63/80	15	30	33	33	40	55	40...63	756
HGV3-80/80	22	40	45	45	55	63	56...80	960

