

SL-CP22

DOL Starter



Function

SL-CP22 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.

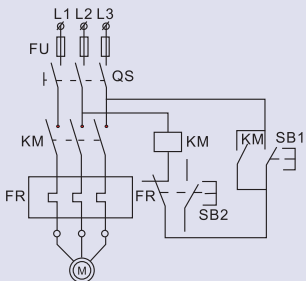
Characteristics

Standard	IEC60947-4-1, IEC60439-1
Rated insulating voltage	690V
Material	plastic
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
Mechanical life	6x10 ⁶ times
Electrical life	6x10 ⁵ times

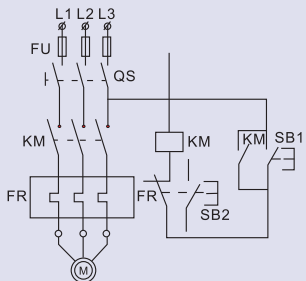
Installation Conditions



Ambient air temperature	℃	-5 ~ +40
Altitude	max. meter	2000
Pollution degree		3
Installation category		3



Drawing 1:
circuit controlling diagram
of the same voltage



Drawing 2:
circuit controlling diagram
of the different voltage

- FU-Fuse
- KM-Contactor
- SB1-Startup pushbutton
- SB2-Breaking pushbutton
- FR-Thermal relay
- QS-Isolating (micro) switch
- M-Motor

Circuit Connection

Standard power ratings of 3-phase motors 50-60Hz in category AC-3			Rated current	Conventional heating current Ith (A)	Matched thermal relay ⁽¹⁾	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	SL-CP16 25A	09P5
3	5.5	7.5	12	20	SL-CP16 25A	12P5
4	7.5	9	18	32	SL-CP16 25A	18P5
5.5	11	15	25	40	SL-CP16 25A	25P5
7.5	15	18.5	32	50	SL-CP16 36A.	32P5
11	18.5	30	40	60	SL-CP16 93A	40P5
15	22	33	45	80	SL-CP16 93A	50P5
18.5	30	37	65	80	SL-CP16 93A	65P5
22	37	45	85	110	SL-CP16 93A	85P5
25	45	45	95	125	SL-CP16 93A	95P5

(1) 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.

SL-CP19

Motor Protection Circuit Breaker



Application

SL-CP19 series motor protection circuit breakers are mainly used for the overload and short circuit protection of the motor in AC 50/60Hz, up to660V,0.1-80A , as a fullvoltage starter to start and stop the motor,under the AC3 load or for the overload and short circuit protection of the equipment.

Introduction

"SL-CP19 series motor protection circuit breaker adopts modular design, beautiful shape, small volume, open phase protection, with thermal relay built-in,functional and generality. "

This motor protection conforms to IEC60947.2,IEC60947-4.1 and EN60947.1 standard.Switch and contactor can be composed of motor starter.Enclosure of SL-CP19 series with IP65 protection level.This series has three models:controlled by button motor with thermal magnetic circuit breaker;

Additional Contact



Auxiliary Name	Code	Contact Type
Instantaneous auxiliary contacts	AN11	1NO+1NC
	AN20	2NO

Specifications

Type	Standard power ratings of 3-phase motors 50/60Hz in category AC-3						Rated current	Setting range	The disjuncting current commuting value in instant field
	230/240V kW	400V kW	415V kW	440V kW	500V kW	690V kW	InA	A	InA
EGV2-M01	—	—	—	—	—	—	0.16	0.1-0.16	1.5
EGV2-M02	—	—	—	—	—	—	0.25	0.16-0.25	2.4
EGV2-M03	—	—	—	—	—	—	0.4	0.25-0.40	5
EGV2-M04	—	—	—	—	—	0.37	0.63	0.40-0.63	8
EGV2-M05	—	—	—	0.37	0.37	0.55	1	0.63-1	13
EGV2-M06	—	0.37	—	0.55	0.75	1.1	1.6	1-1.6	22.5
EGV2-M07	0.37	0.75	0.75	1.1	1.1	1.5	2.5	1.6-2.5	33.5
EGV2-M08	0.75	1.5	1.5	1.5	2.2	3	4	2.5-4	51
EGV2-M10	1.1	2.2	2.2	3	3.7	4	6.3	4-6.3	78
EGV2-M14	2.2	4	4	4	5.5	7.5	10	6-10	138
EGV2-M16	3	5.5	5.5	7.5	7.5	9	14	9-14	170
EGV2-M18	4	7.5	7.5	7.5	10	11	16	10-16	223
EGV2-M20	4	7.5	9	9	9	11	18	13-18	223
EGV2-M21	5.5	11	11	11	11	15	23	17-23	327
EGV2-M22	5.5	11	11	11	15	18.5	25	20-25	327
EGV2-M32	7.5	15	15	15	18.5	23	32	24-32	416

SL-CP19MC02

Motor Protection Circuit Breaker Enclosure



Introduction

SL-CP19MC02 water-proof box is the assorted outer case of SL-CP19 motor protection circuit breaker; SL-CP19 is mounted in the din-rail set in SL-CP19MC02 water-proof box,sealed by the cover and bottom,to protect the electric part.

Enclosure protection level IP65.

SL-CP19MC02