

1. Application

Dz518 series motor protecting breaker adopts the design of module,It has beautifulshape,small value,complete range of function and reliable performance.DZ518 series is conformity with IEC60947.2, IEC60947-4.1, andEN60947-1 standards,Switch an contactor can make up the starting of the motor The prection grade of the case of DZ518 series can reach IP55. DZ518 series has three types of products. DZ518 series is button-controlling motor with hot magnetic protecting breaker,DZ518 series is switch-shifting controlling motor with hot mangnetic protecting breaker,DZ518 serrues is switch-shifting controlling motor with magnetc protecting breaker.



2. Specification

DZ518(ME)		DZ518		DZ518	
M01C	0.1-0.16	RS01C	0.1-0.16		
M02C	0.16-0.25	RS02C	0.16-0.25		
M03C	0.25-0.40	RS03C	0.25-0.40	LS03	0.25-0.40
M04C	0.40-0.63	RS04C	0.40-0.63	LS04	0.40-0.63
M05C	0.63-1	RS05C	0.63-1	LS05	0.63-1
M06C	1-1.6	RS06C	1-1.6	LS06	1-1.6
M07C	1.6-2.5	RS07C	1.6-2.5	LS07	1.6-2.5
M08C	2.5-4	RS08C	2.5-4	LS08	2.5-4
M10C	4-6.3	RS10C	4-6.3	LS10	4-6.3
M14C	6-10	RS14C	6-10	LS14	6-10
M16C	9-14	RS16C	9-14	LS16	9-14
M18C	10-16	RS18C	10-16	LS18	10-16
M20C	13-18	RS20C	13-18	LS20	13-18
M21C	17-23	RS21C	17-23	LS21	17-23
M22C	20-25	RS22C	20-25	LS22	20-25
M32C	24-32	RS32C	24-32		



The rated power of three-phase electromotor controlled by breaker(GV2 motor circuit breaker)

Adjusting range of rated current (A)	Standard power of three-phase electromotor(KW) AC-3 50/60Hz					
	230/240V	400V	415V	440V	500V	690V
0.1-0.16	-	-	-	-	-	-
0.16-0.25	-	-	-	-	-	-
0.25-0.4	-	-	-	-	-	-
0.4-0.63	-	-	-	-	-	0.37
0.63-1	-	-	-	0.37	0.37	0.55
1-1.6	-	0.37	-	0.55	0.75	1.1
1.6-2.5	-	0.75	0.75	1.1	1.1	1.5
2.5-4	0.37	1.5	1.5	1.5	2.2	3
4-6.3	0.75	2.2	2.2	3	3.7	4
6-10	1.1	4	4	4	5.5	7.5
9-14	2.2	5.5	5.5	7.5	7.8	9
13-18	3	7.5	9	9	9	11
17-23	4	11	11	11	11	15
20-25	5.5	11	11	11	11	18.5
24-32	5.5	15	15	15	18.5	23



3. AIR SWITCH OF THE MOTOR

The disjuncting current commuting value of breaker in instantmagnetic field

Rated current In(A)	Adjusting range(A)	Disjuncting current(A)
>0.16	0.1-0.16	1.5
0.25	0.16-0.25	2.4
0.4	0.25-0.4	5
0.63	0.4-0.63	8
1	0.63-1	13
1.6	1-1.6	22.5
2.5	1.6-2.5	33.5
4	2.5-4	51
6.3	4-6.3	8
10	6-10	138
14	9-14	<170
18	13-18	223
23	17-23	327
25	20-25	327
32	24-32	416



4. contacts of accessories

Names of accessories	Code	The types of contacts	Installation place	
Instantaneous auxiliary contacts	AE1	constant-open or constant 1 closed	The front of breaker (1PCS)	
	AE11	constant-open or constant 1 closed		
	AE20	two constant open		
	AN11	constant-open or constant 1 closed		
	AN20	2constant open		
Instantaneous auxiliary contacts +	AD1010	constant-open trouble	contant-open	the left of breaker (4PCS)
	AD1001		contant-closed	
Instantaneous auxiliary contacts	AD0110	constant-closed trouble	contant-open	
	AD0101		contant-closed	
Short circuit contacts	AM11	constant-open or constant 1 closed		



5. Electric disjuncting

Names of accessories	Voltage	Code	Installation place	Memo
Lack-voltage disjuncting	110-127V 50Hz	AU115	The right of breaker	(1PCS)
	110-127V 50Hz	AU225		
	110-127V 50Hz	AU385		
Division disjuncting	110-127V 50Hz	AS115		
	110-127V 50Hz	AS225		
	110-127V 50Hz	AS385		
Be used to the release of low voltage	110-127V 50Hz	AX115		
	110-127V 50Hz	AX225		
	110-127V 50Hz	AX385		



6. The protective case of breaker

Names of accessories	The protection degree of shell	Code	Memo
External installation shell	1P 41	MC01	
	1P 55	MC02	
	1P 55	MC03	