

1.Application

Jr28 series thermal relay is suitable for using in the circuit rated voltage up to 660V, rated current 93A AC 50/ 60Hz, for over-current protection of AC motor. The relay has the differential mechanism and temperature compensation and can plug in CJX2 series AC contactor. The product conforms to IEC60947-4-1 standard.

2.Motion characteristic:three-phase balance motion time

No	Times of the setting current	Motion time			Start condition	Ambient temperature
1	1.05	>2h			Cold state	20±5℃
2	1.2	<2h			Heat state(Following the No.1 test)	
3	1.5	<4min				
4	7.2	10A	2s< Tp≤10s	≤63A	Cold state	
		10	4s< Tp≤10s	>63A		

3.Phase-losing motion characteristic

No	Times of the setting current		Motion time	Start condition	Ambient temperature
	Any two phases	Another phase			
1	1.0	0.9	>2h	Cold state	20±5°C
2	1.15	0	<2h	Heat state(Following the No.1 test)	

4. Specification

Type	Number	Setting range (A)	For contactor
JR28-25	1301	0.1~0.16	CJX2-09~32
	1302	0.16~0.25	CJX2-09~32
	1303	0.25~0.4	CJX2-09~32
	1304	0.4~0.63	CJX2-09~32
	1305	0.63~1	CJX2-09~32
	1306	1~1.6	CJX2-09~32
	1307	1.6~2.5	CJX2-09~32
	1308	2.5~4	CJX2-09~32
	1310	4~6	CJX2-09~32
	1312	5.5~8	CJX2-09~32
	1314	7~10	CJX2-09~32
	1316	9~13	CJX2-09~32
	1321	12~18	CJX2-09~32
	1322	17~25	CJX2-32
JR28-36	2353	23~32	CJX2-09~32
	2355	30~40	CJX2-09~32
	3322	17~25	CJX2-09~32
JR28-93	3353	23~32	CJX2-09~32
	3355	30~40	CJX2-09~32
	3357	37~50	CJX2-09~32
	3359	48~65	CJX2-09~32
	3361	55~70	CJX2-09~32
	3363	63~80	CJX2-09~32
	3365	80~93	CJX2-95
	4365	80~104	CJX2-95
JR28-150	4367	95~120	CJX2-95~115
	4369	110~140	CJX2-115

Type	Number	Setting range (A)	For contactor
JR28-150	5369	90~150	CJX2-150
JR28-200	F5357	30~50	CJX2-F115~F185
	F5363	48~80	CJX2-F115~F185
	F5367	60~100	CJX2-F115~F185
	F5369	90~150	CJX2-F115~F185
JR28-630	F5371	132~220	CJX2-F225~F265
	F7375	200~330	CJX2-F225~F500
	F7379	300~500	CJX2-F225~F500
	F7381	380~630	CJX2-F400~F630

JRS3-50	3	5.5-8	CJX-1034 (3RT-1034) CJX-1035 (3RT-1035) CJX-1036 (3RT-1036)
	4	7-10	
	5.5	9-12.5	
	7.5	11-16	
	7.5	14-20	
	11	18-25	
	15	22-32	
	18.5	28-40	
	22	36-45	
	22	40-50	
JRS3-100	11	18-25	CJX-1044 (3RT-1044) CJX-1045 (3RT-1045) CJX-1046 (3RT-1046)
	15	22-32	
	18.5	28-40	
	22	36-50	
	30	45-63	
	37	57-75	
	45	70-90	
	45	800-100	