



1. Application

Jr29 series thermal overload relay is mainly suitable for A.C. electric power system with volt-age up to 660V, current up to 500A, 50/60Hz. It is generally used for the protection of overload and phase-lacking in circuits with three-phase induce motors and is often made up electromagnetic starters with CJX8 series A.C. contactors. The product conforms to IEC60947-4-1 standard. Note: JR29-16 is manually reset automatic to the other.

2. Motion Characteristic: Three-phase Balance Motion Time

No	Times the setting current	Motion time			Start condition	Ambient temperature
1	1.05	>2h			cold state	20°C±5°C
2	1.2	<2h			heat state	
3	1.5	<4min			(Following the No.1 test)	
4	7.2	10A	2s< TP ≤ 10S	≤ 63A	cold state	
		10	4s< TP ≤ 10S	≤ 63A		

3. Phase-losing Motion Characteristic

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

4. Specification

Type	Setting Range(A)	For Contactor	Type	Setting Range(A)	For Contactor
JR29-16	0.11~0.16	CJX8-09 CJX8-16	JR29-25	0.1~0.16	CJX8-25 CJX8-30
	0.14~0.21			0.16~0.25	
	0.19~0.29			0.25~0.4	
	0.27~0.4			0.4~0.63	
	0.35~0.52			0.63~1	
	0.42~0.63			1~1.4	
	0.55~0.83			1.3~1.8	
	0.7~10.			1.7~2.4	
	0.9~1.3			2.2~3.1	
	1.1~1.5			2.8~4	
	1.3~1.8			3.5~5	
	1.5~2.1			4.5~6.5	
	1.7~2.4			6~8.5	
	2.1~3			7.5~11	
	2.7~4			10~14	
	3.4~4.5			13~19	
	4~6			18~25	
	5.2~7.5			24~32	
	6.3~9			-	
	7.5~11			-	
	9~13			-	
	12~17.6			-	



Type	Setting Range(A)	For Contactor
JR29-45	0.28~4	CJX8-37 CJX8-45
	0.35~0.52	
	0.45~0.63	
	0.55~0.83	
	0.7~1	
	0.86~1.3	
	1.1~1.6	
	1.4~2.1	
	1.8~2.5	
	2.2~3.3	
	2.8~4	
	3.2~5.2	
	4.5~6.3	
	5.5~8.3	
	7~10	
	8.6~13	
	11~16	
	14~21	
	18~27	
	25~35	
	30~45	
	-	
	-	
	-	

Type	Setting Range(A)	For Contactor
JR29-85	6~10	CJX8-65 CJX8-85
	8~14	
	12~20	
	17~29	
	25~40	
	35~55	
	45~70	
	60~100	
JR29-105	27~42	CJX8-105
	36~52	
	45~63	
	57~82	
	70~105	
JR29-170	80~115	CJX8-170
	90~130	
JR29-250	100~160	CJX8-250
	140~200	
JR29-370	100~160	CJX8-370
	160~250	
	250~400	
	310~500	

5. Outline and Mounting Dimension



