

JR28 Thermal Relay

Application

JR28 series thermal overload relay are suitable for overload and phase-failure protection of AC motors with frequency of 50/60Hz, voltage up to 690V, current up to 0.1-630A under 8-hours duty or uninterrupted duty. Functions provided by these relays, are phase-failure protection, ON/OFF indication, temperature compensation, and manual/automatic reset. International Standard: IEC 60947-4-1 The relays can be mounted onto contactors or installed as single units.

Protection Characteristics

Item	NO.	Times the setting current		Release time	Test condition
Overload protection	1	1.05		>2h	Start from Cold status
	2	1.2		<2h	Start from Hot status right after item no.1
	3	1.5		<2m	
	4	7.2		2s<Tp≤10s	Start from Cold status
Phase failure protection		Any two phases	Another phase		
	5	1.0	0.9	>2h	Start from Cold status
	6	1.15	0	<2h	Start from Hot status right after item no.5

Selection and Parameters

Number	Rated current A	For contactor
1301	0.1-0.16	CJX2-09 CJX2-12 CJX2-18 CJX2-25
1302	0.16-0.25	
1303	0.25-0.4	
1304	0.4-0.63	
1305	0.63-1	
1306	1-1.6	
1307	1.6-2.5	
1308	2.5-4	
1310	4-6	
1312	5.5-8	
1314	7-10	
1316	9-13	
1321	12-18	CJX2-32
1322	17-25	
1353	23-32	
2353	23-32	CJX2-40 CJX2-50 CJX2-65 CJX2-80 CJX2-95
2355	28-36	
3353	23-32	
3355	30-40	
3357	37-50	
3359	48-65	
3361	55-70	
3363	63-80	
3365	80-93	



JR28-25 (LR2-D13)



JR28-36 (LR2-D23)

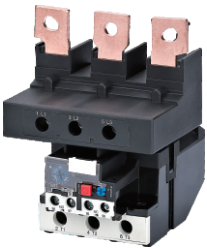


JR28-93 (LR2-D33)

JR28 Thermal Relay

Selection and Parameters

Number	Rated current A	Contactor
4365	80-104	CJX2-95 CJX2-115 CJX2-150
4367	95-120	
4369	110-140	
5357	30~50	CJX2-F115~F185
5363	48~80	
5367	60~100	
5369	90~150	
5371	132~220	
7375	200~330	CJX2-F225~F265 CJX2-F225~F500 CJX2-F400~F630
7379	300~500	
7381	380~630	



JR28-140 (LR2-D43)



JR28-200 (LR9-F53)

Overall and Mounting Dimensions

