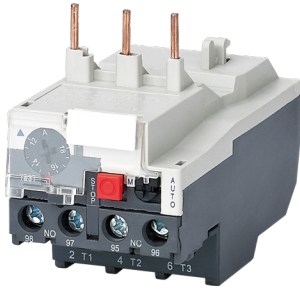


Motor Control & Protection

JR28se Thermal Relay



JR28se

General

JR28se 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 0.1-93A 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.

Standard: IEC 60947-4-1

The relays can be mounted onto contactors or installed as single units.

Technical data

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

Selection

Products appearance	Rated current (A)	Matched fuse specifications(A)		Matched contactor model
		aM	gG	
	0.1~0.16	0.25	2	YCC7-M06 YCC7-M09 YCC7-M12 YCC7-M16
	0.16~0.25	0.5	2	
	0.25~0.4	1	2	
	0.4~0.63	1	2	
	0.63~1	2	4	
	1~1.6	2	4	
	1.25~2	4	6	
	1.6~2.5	4	6	
	2.5~4	6	10	
	4~6	8	16	
	5.5~8	12	20	
	7~10	12	20	
9~13	16	25		

Motor Control & Protection

JR28se Thermal Relay

Selection

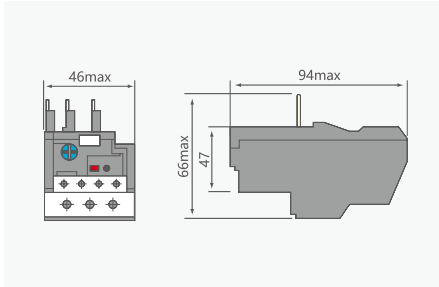
Products appearance	Rated current (A)	Matched fuse specifications(A)		Matched contactor model
		aM	gG	
 <p>JR28se-25</p>	0.1~0.16	0.25	2	YCC7-09 YCC7-12 YCC7-18 YCC7-25
	0.16~0.25	0.5	2	
	0.25~0.4	1	2	
	0.4~0.63	1	2	
	0.63~1	2	4	
	1~1.6	2	4	
	1.25~2	4	6	
	1.6~2.5	4	6	
	2.5~4	6	10	
	4~6	8	16	
	5.5~8	12	20	
	7~10	12	20	
	9~13	16	25	
	12~18	20	35	
	17~25	25	50	
23~32	25	50		
 <p>JR28se-36</p>	23~32	40	63	YCC7-32 YCC7-38
	28~36	40	80	
 <p>JR28se-93</p>	23~32	40	63	YCC7-40 YCC7-50 YCC7-65 YCC7-80 YCC7-95
	30~40	40	100	
	37~50	63	100	
	48~65	63	100	
	55~70	80	125	
	63~80	80	125	
80~93	100	160		
Products appearance	Name	Usage	Order Number	
	JR28se-25 Base	Form an independent installation product with JR28-25	C030270	
	JR28se-36 Base	Form an independent installation product with JR28-36	C030271	
	JR28se-93 Base	Form an independent installation product with JR28-93	C030272	

Motor Control & Protection

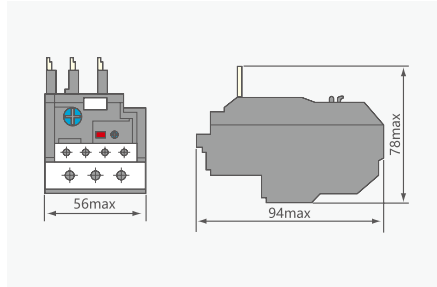
JR28se Thermal Relay

Overall and mounting dimensions(mm)

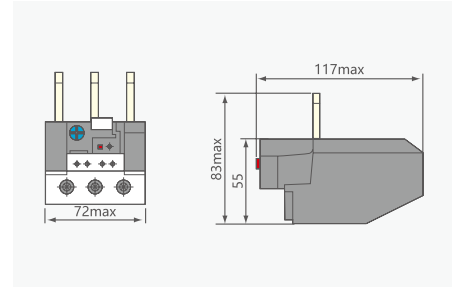
JR28se-25



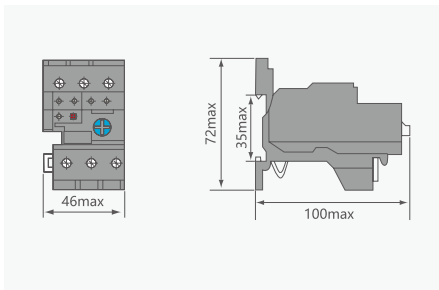
JR28se-36



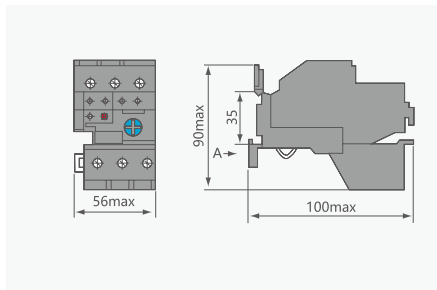
JR28se-93



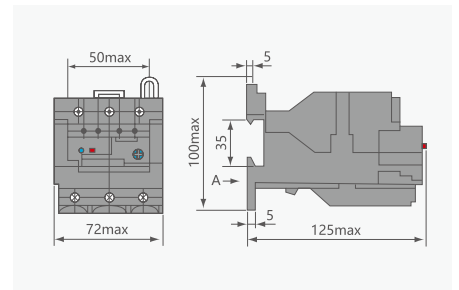
JR28se-25 with mounting base



JR28se-36 with mounting base



JR28se-93 with mounting base



JR28-11.5

