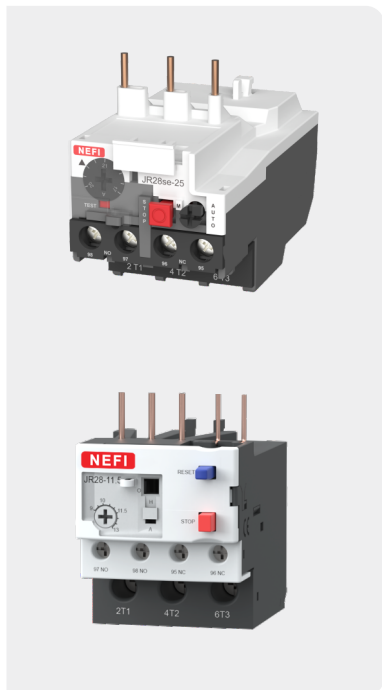


JR28se Thermal Relay



General

JR28se series thermal overload relays are designed for overload and phase-failure protection of AC motors operating at 50/60Hz, with voltages up to 690V and currents from 0.1A to 93A, under 8-hour duty or continuous operation.

These relays provide reliable protection features including phase-failure protection, ON/OFF indication, temperature compensation, and manual or automatic reset.

Standard: IEC 60947-4-1

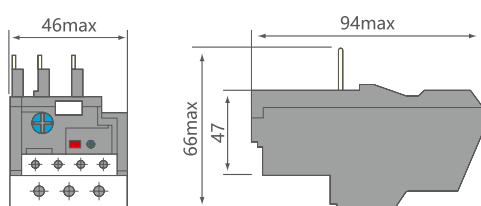
They can be directly mounted onto contactors or used as standalone units

Technical Data

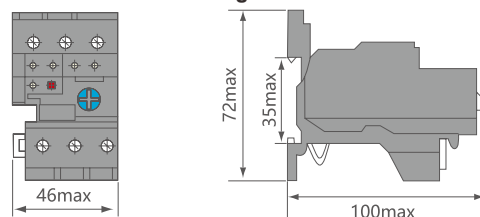
NO.	Times the setting current		Release time	Test condition
1	1.05		>2h	Start from Cold status
2	1.2		<2h	Start from Heat status right after item no.1
3	1.5		<2min	
4	7.2		2s<T _p ≤10s	Start from Cold status
	Any two phases	Another phase		
5	1.0	0.9	>2h	Start from Cold status
6	1.15	0	<2h	Start from Heat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

Dimensions and Installation Sizes(mm)

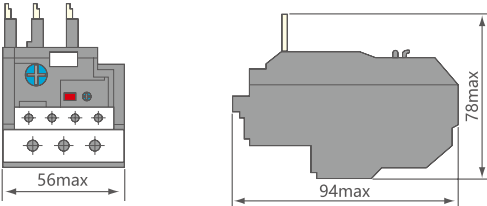
JR28se-25



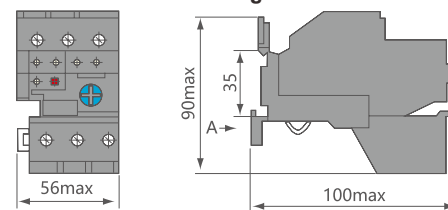
JR28se-25 with mounting base



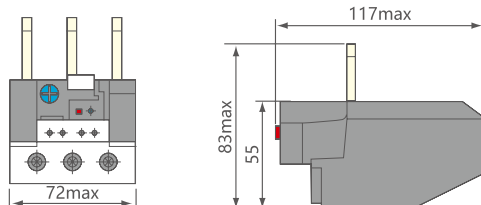
JR28se-36



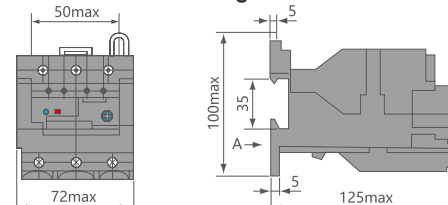
JR28se-36 with mounting base



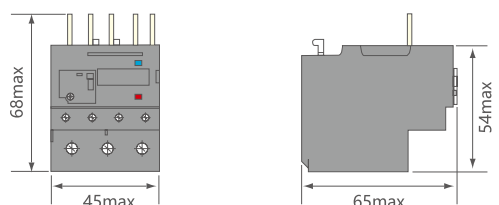
JR28se-93








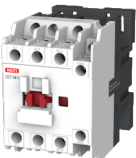


JR28se-93 with mounting base






JR28-11.5



Selection

Products appearance	Rated current(A)	Matched fuse specifications(A)		Matched contactor model
		aM	gG	
 JR28-11.5	0.1~0.16	0.25	2	 CC7-M06, CC7-M09 CC7-M12, CC7-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	
	0.1~0.16	0.25	2	
 JR28se-25	0.16~0.25	0.5	2	 CC7-09, CC7-12 CC7-18, CC7-25
	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	
 JR28se-36	23~32	40	63	 CC7-32, CC7-38
	28~36	40	80	
 JR28se-93	23~32	40	63	 CC7-40, CC7-50 CC7-65, CC7-80, CC7-95
	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
	JR28se-25 Base	Form an independent installation product with JR28-25
	JR28se-36 Base	Form an independent installation product with JR28-36
	JR28se-93 Base	Form an independent installation product with JR28-93