

LR56 Series Thermal Relay

Application

LR56 series thermal relay is used in the circuit of 50/60Hz, rated insulation voltage 660V, rated current 0.3-95A for protecting the phase break when the electric motor is overloaded. The relay has different mechanism and temperature compensation. It can be plugged in CJX3 series AC contactor. The product conforms to IEC60947-4-1.



LR56-20

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		

Phase-losing motion characteristic

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

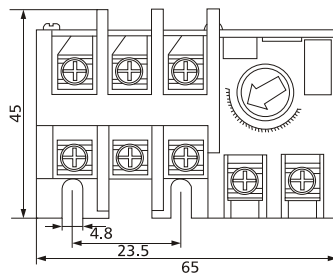
Specification

Type	Setting range (A)	For contactor	Type	Setting range (A)	For contactor
LR56-20	0.3~0.5	CJX3-10	LR56-20	7.5~12	CJX3-35 CJX3-50 CJX3-65 CJX3-80
	0.6~1	CJX3-11		12~18	
	1~1.6	CJX3-12		20~28	
	1.5~2.5	CJX3-16	LR56-63	24~34	
	2~3	CJX3-18		25~40	
	3~5	CJX3-19		28~62	
	4~6	CJX3-25		48~80	
4.8~8	CJX3-25	60~95			

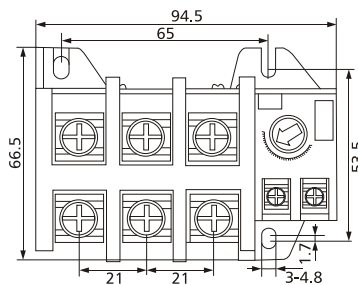
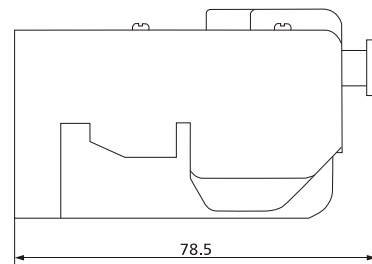


LR56-63

Outline and mounting dimension



LR56-20



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