

## T Series Thermal Relay

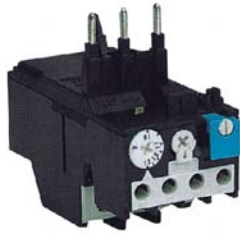


T-16

### Application

T series thermal overload relay is mainly suitable for A.C. electric power system with voltage 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 B series A.C. contactors. The product conforms to IEC60947-4-1 standard.

Noter: T-16 is manually reset automatic to the other.



T-25

### 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

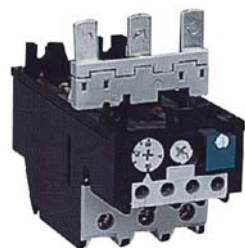
No	Times of the setting current		Motion time	Start condition	Ambient temperature
	Any two phases	Another phase			
1	1.0	0.9	>2h	Cold state	20±5℃
2	1.15	0	<2h	Heat state (Following the No.1 test)	



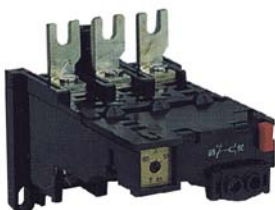
T-45

### Specification

Type	Setting range (A)	For contactor	Type	Setting range (A)	For contactor
T-16	0.11~0.16	B-9 B-16	T-25	0.1~0.16	B-25 B-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	
	0.7~1.0			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	0.28~4	T-45	B-37 B-45		
7.5~11					
9~13					
12~17.6	0.35~0.52				
	0.45~0.63				
	0.55~0.83				



T-75



T-85