

## T series Thermal Relay

### APPLICATION

The relay is suitable for using in the power circuits up to rated voltage 660V, rated current 500A 50Hz or 60Hz for overload and loss of phase protection or three phase induction motor and often combined with B series AC contactor into magnetic starter.

T16 & T25 thermal relays have a friction trip operating mechanism with loss of phase running protection, pullback spring type operating mechanism (jump mechanism) with loss of phase protection for T85 & TSA45, back pack jump mechanism for T170 & T105, main circuit with instrument transformer jump mechanism with loss of phase for T250 & T370.



T-16



T-25



T-45



T-75

### TECHNICAL SPECIFICATION

Type	T16	T25	TSA45	T85	
Rated current (A)	16	25	45	85	
Thermal element setting range (A)	0.11-17.6	0.17-32	0.28-48	6.0-100	
Auxiliary contacts	Number Rated operating current (A)	1NO, 1NC 220V: 3 380V: 2 500V:1.5	1NO, 1NC 220V: 3 380V: 2 500V:1.5	1NO, 1NC, 1NC 220V: 3 1.7 380V: 2 1.3 500V:1.5	1NO, 1NC, 1NC 220V: 3 1.7 380V: 2 1.3 500V:1.5

  

Type	T105	T170	T250	T370	
Rated current (A)	105	170	250	370	
Thermal element setting range (A)	27-115	90-200	100-400	100-500	
Auxiliary contacts	Number Rated operating current (A)	1NO, 1NC 220V: 3 2.5 380V: 2 1.3 500V:1.5 0.8	1NO, 1NC 220V: 3 2.5 380V: 2 1.3 500V:1.5 0.8	1NO, 1NC 220V: 3 1.7 380V: 2 1.3 500V:1.5	1NO, 1NC 220V: 3 1.7 380V: 2 1.3 500V:1.5

### DIMENSION

