



TH-K12



TH-K20

TH-K/N Thermal Relay

1. Applications of TH-K/N Thermal Relay:

The thermal overload relays are suitable for overload protection of AC motor operated on 8hours duty or uninterrupted duty. The overload protected AC motor with frequency 50Hz, voltage up to 660V, current up to 40A. Several functions provided by these relays are phase-failure protection, temperature compensation, ON/OFF indication and manual/ automatic reset. The relays comply with IEC292-1standard.

2.

2. Specifications of TH-K/N Thermal Relay:

Type	Plug in AC contact	Rated current of Thermal element (A)	Setting current range (A)
TH-K12	S-K10 S-K11 S-K12 S-K18	0.15, 0.35, 0.5, 0.7, 0.9, 1.3, 1.7, 2.1, 2.5, 3.6, 5, 6, 6.6, 9, 11	0.1-0.28, 0.28-0.42, 0.4-0.6, 0.55-0.85, 0.7-1, 1-1.6, 1.4-2, 1.7-2.1, 2-3, 2.8-4.4, 4-6, 5.2-8, 7-11, 9-13
TH-K20	S-K20 S-K21 S-K23 S-K35	2.1 ; 2.5 ; 3.6 ; ; 5.6 ; 6.6 ; 9 ; 11, 15 ; 19 ; 22 ; 29 ; 35	1.7-2.1 2-3.2 2.8-4.4 4-6 5.2-8 7-11 9-13 12-18 16-22 18-26 24-34 30-40
TH-K60	S-K50 S-K65 S-K80 S-K95	42 ; 54	34-50 43-65