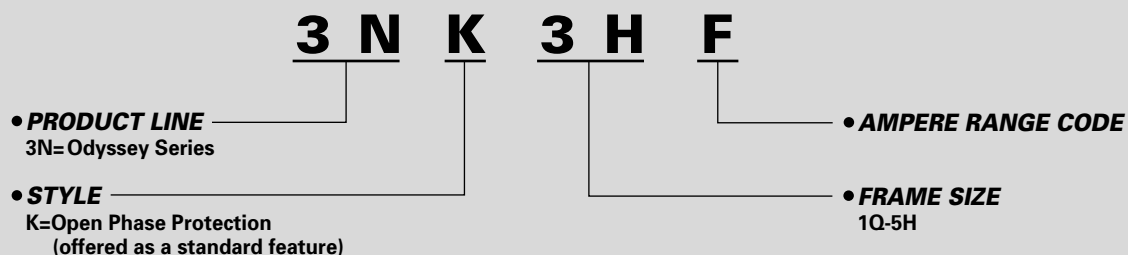


"ODYSSEY SERIES" THERMAL OVERLOAD RELAYS

OVERLOAD PART # [JAPANESE TYPE #]		3NK1Q* [TK-N2]		3NK2H* [TK-N3]		3NK3F* [TK-N5]	
CONTACTOR USED ON		3NC0T... [SC-N1]	3NC1Q... [SC-N2]	3NC2F... [SC-N2S]	3NC2H... [SC-N3]	3NC2T... [SC-N4]	3NC3F... [SC-N5]
AMPERE RANGE CODE LETTER	N	4-6	4-6				
	P	5-8	5-8				
	Q	6-9	6-9				
	S	7-11	7-11	7-11	7-11		
	T	9-13	9-13	9-13	9-13		
	V	12-18	12-18	12-18	12-18		
	W	18-26	18-26	18-26	18-26	18-26	18-26
	Y	24-36	24-36	24-36	24-36	24-36	24-36
	Z			28-40	28-40	28-40	28-40
	A		32-42				
	E			34-50	34-50	34-50	34-50
	F			45-65	45-65	45-65	45-65
	G				48-68		
	H					53-80	53-80
	K						65-95
	M						85-105

OVERLOAD PART # [JAPANESE TYPE #]		3NK3H* [TK-N6]	3NK4F* [TK-N7]	3NK4Q* [TK-N8]	3NK4H* [TK-N10]	3NK5H* [TK-N12]	
CONTACTOR USED ON		3NC3H... [SC-N6]	3NC4F... [SC-N7]	3NC4Q... [SC-N8]	3NC4H... [SC-N10]	3NC5F... [SC-N11]	3NC5H... [SC-N12]
AMPERE RANGE CODE LETTER	F	45-65	45-65				
	H	53-80	53-80				
	K	65-95	65-95	65-95			
	L	85-125	85-125	85-125	85-125		
	N		110-160	110-160	110-160	110-160	110-160
	P			125-185	125-185	125-185	125-185
	Q				160-240	160-240	160-240
	R					200-300	200-300
	S						240-360
	T						300-450

EXPLANATION OF PART NUMBER SYSTEM



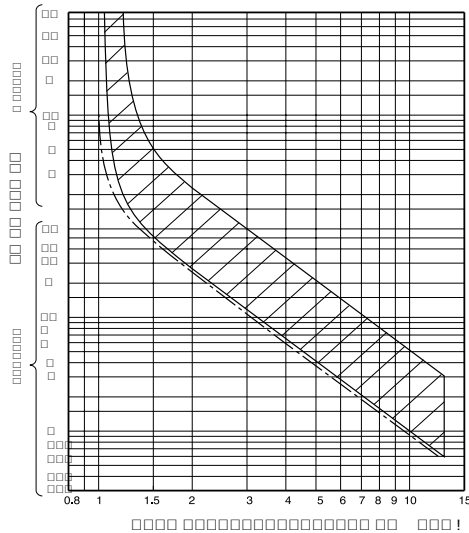
"ODYSSEY SERIES" THERMAL OVERLOAD RELAYS

Overload Trip Curves

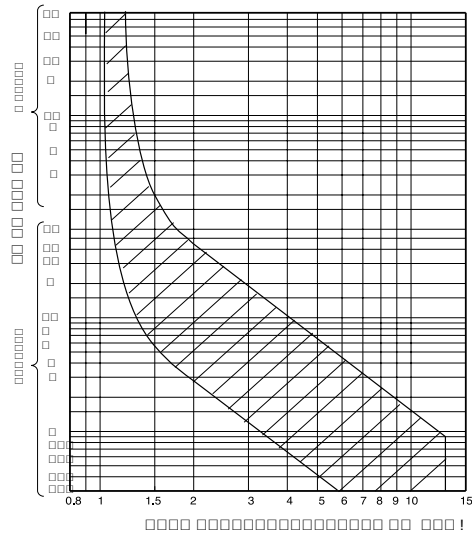
■ THERMAL OVERLOAD RELAYS/OPEN-PHASE PROTECTION TYPE K

3NK1Q* – 3NK4Q*

Cold start

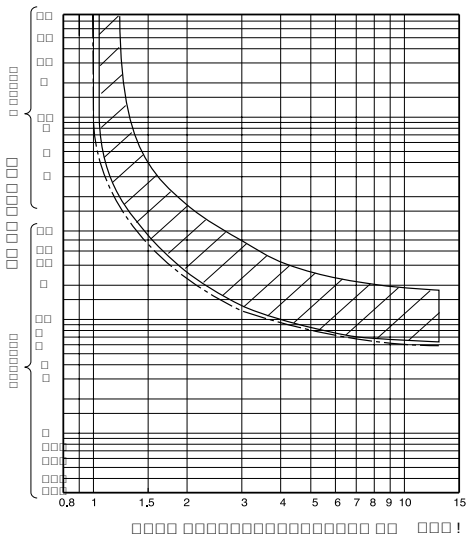


Hot start

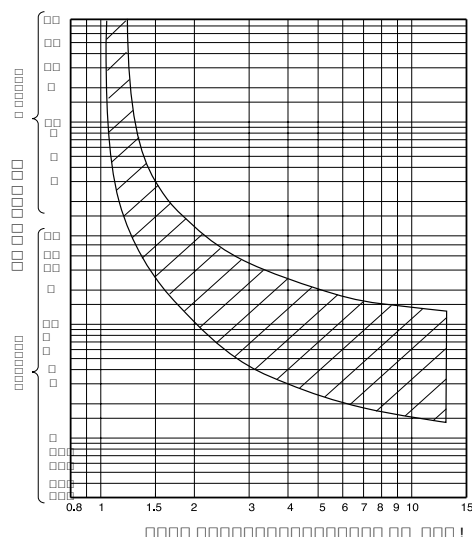


3NK4H* – 3NK5H*

Cold start



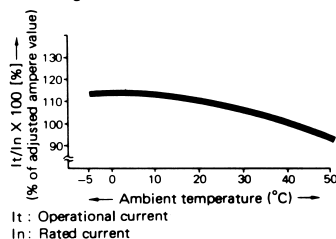
Hot start



■ AMBIENT TEMPERATURE COMPENSATOR

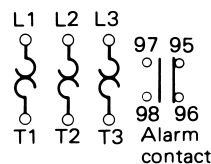
FUJI overload relays are provided with an ambient temperature compensator. Their characteristics limit ampere value changes to approx. 10% as the ambient temperature changes between -5°C and 40°C.

Compensation characteristics
(Average value)

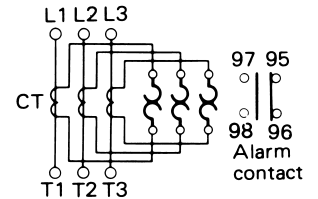


■ WIRING DIAGRAMS

(3NK1Q* through 3NK4Q*)



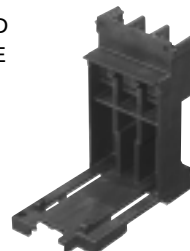
(3NK4H* through 3NK5H*)



■ ALARM CONTACT RATINGS

Contact rating Code Designation	Continuous Ampere Rating	Current-Make/Break (A)			
		110 to 120V	220 to 240V	440 to 480V	550 to 600V
C600	2.5	15/1.5	7.5/0.75	3.75/0.375	3.0/0.3

SZ-HD
SZ-HE



Base unit for
separate mounting