

DATA SHEET: TEMCONTACT 2 TC-9b

Ratings and Specifications

Model	Parameter	Unit	TC-9, TD-9b
Number of poles Frame size Screw Clamp Terminal			3 pole 22AF ●
Electrical Characteristics			
Rated operation voltage, Ue Rated insulation voltage, Ui Rated frequency Rated impulse withstand voltage, Uimp		V V Hz kV	690 690 50/60 6
Operation			
Maximum operating rate in operating cycles per hour Endurance			1800 operations per hour 15 mil. operations 2.5 mil. operations
Current and Power Rating			
Thermal current Switching Power Switching Current	AC-1 AC-3 200/240V 380/440V 500/550V 690V	A kW A kW A kW A	25 2.5 11 4 9 4 7 4 6
UL rating (50/60 Hz) Switching Power	Continuous Current Single 110~120V Phase 220~240V	A HP HP	25 0.5 1.5
	Three 200~208V Phase 220~240V 440~480V 550~600V	HP HP HP HP	2 3 5 7.5
Size and Weight			
AC Control	Weight Size (WxHxD)	Kg. mm	0.34 45 x 73.5 x 86
DC Control	Weight Size (WxHxD)	Kg. mm	0.51 45 x 73.5 x 104
Nema Size			00
Auxilliary Contacts			
Auxilliary (standard) Side mount (optional) Front mount (optional)			1NO 1NC TSU-01 TSU-20, TSU-40

TK TYPE TK-32 THERMAL OVERLOAD RELAYS

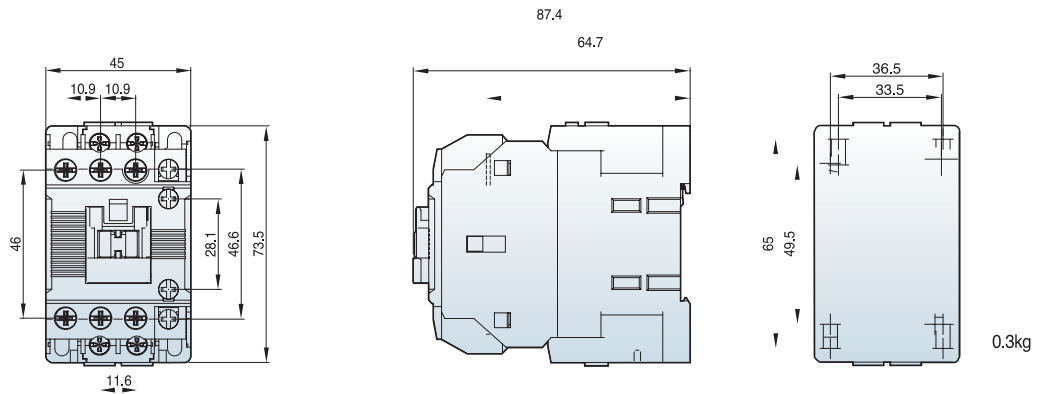
Model	Parameter	Unit	TK-32
Screw Clamp Terminal			●
Electrical Characteristics			
Rated operational voltage, Ue Rated insulation voltage, Ui Rated impulse withstand voltage, Uimp	Ue Ui	V V kV	690 690 6
Setting range			
Trip Class Setting Range		A	10, 20 0.1 ~ 40A
Size and Weight			
	weight Size (WxHxD)	kg mm	0.17 45 x 75 x 90

DATA SHEET: TEMCONTACT 2 TC-9b

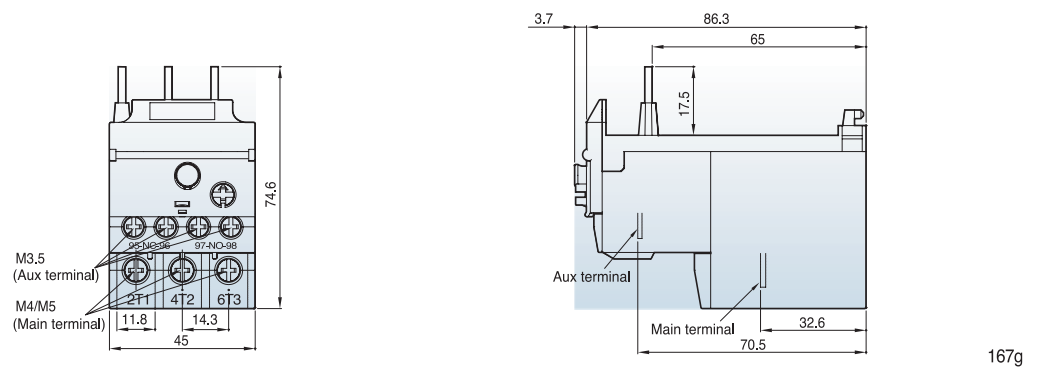
Outline Dimensions TC-9b

TC-9b~22b AC

1NO1NC



TK-32



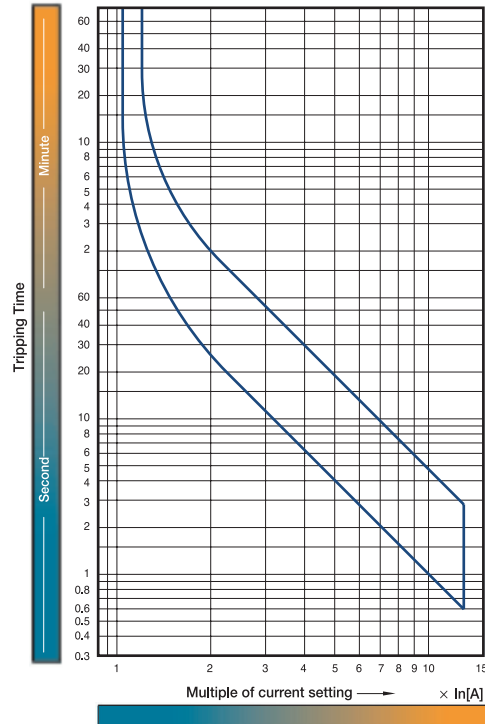
DATA SHEET: TEMCONTACT 2 TC-9b

Time/Current Characteristics Curves

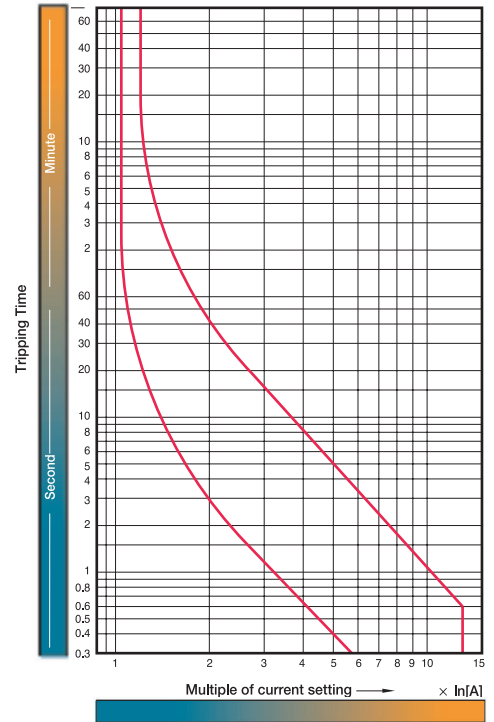
Class 10, 22-40AF

TK-32

Cold starting



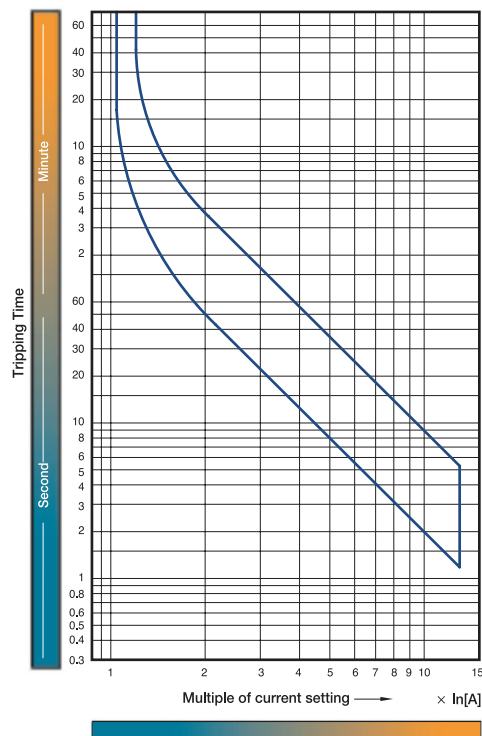
Hot starting



Class 20, 22-40AF

TK-32

Cold starting



Hot starting

