

DATA SHEET: TEMCONTACT 2 TC-130a

Ratings and Specifications

Model	Parameter	Unit	TC-130a
Number of poles Frame size Screw Clamp Terminal			3 pole 150AF ●
Electrical Characteristics			
Rated operation voltage, Ue Rated insulation voltage, Ui Rated frequency Rated impulse withstand voltage, Uimp		V V Hz kV	690 1000 50/60 8
Operation			
Maximum operating rate in operating cycles per hour Endurance			1200 operations per hour 5 mil. operations 1 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	160 37 130 60 130 60 90 55 60
UL rating (50/60 Hz) Switching Power	Continuous Current Single Phase 110~120V 220~240V	A HP HP	160 10 20
	Three Phase 200~208V 220~240V 440~480V 550~600V	HP HP HP HP	40 40 75 75
Size and Weight			
AC Control	Weight Size (WxHxD)	Kg. mm	2.4 95 x 158 x 132
DC Control	Weight Size (WxHxD)	Kg. mm	2.4 95 x 158 x 132
Nema Size			3
Auxilliary Contacts			
Auxilliary (standard) Side mount (optional) Front mount (optional)			2NO or 2NC TSU-01 TSU-20, TSU-40

TK TYPE TK-150 THERMAL OVERLOAD RELAYS

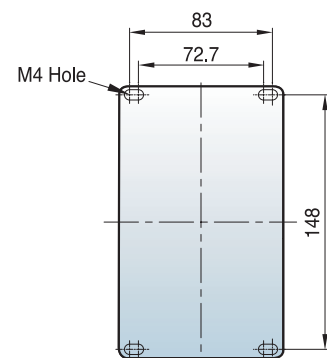
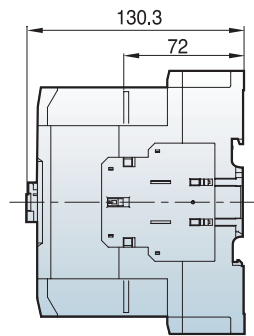
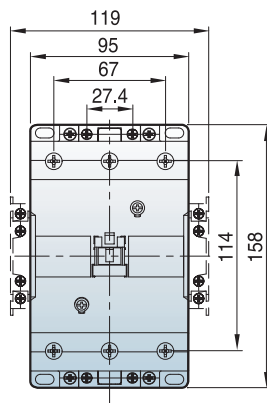
Model	Parameter	Unit	TK-150
Screw Clamp Terminal			●
Electrical Characteristics			
Rated operational voltage, Ue Rated insulation voltage, Ui Rated impulse withstand voltage, Uimp	Ue Ui	V V kV	690 690 6
Setting range			
Trip Class Setting Range		A	10A, 20 34 ~ 150A
Size and Weight			
	weight Size (WxHxD)	kg mm	0.67 95 x 109 x 113

DATA SHEET: TEMCONTACT 2 TC-130a

Outline Dimensions TC-130a

TC/TD -130a

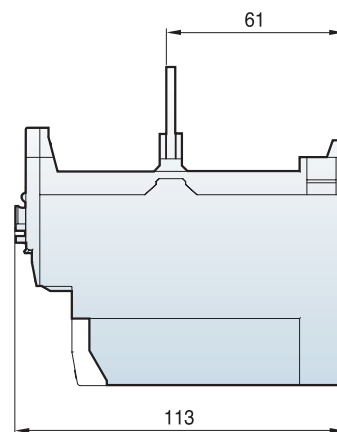
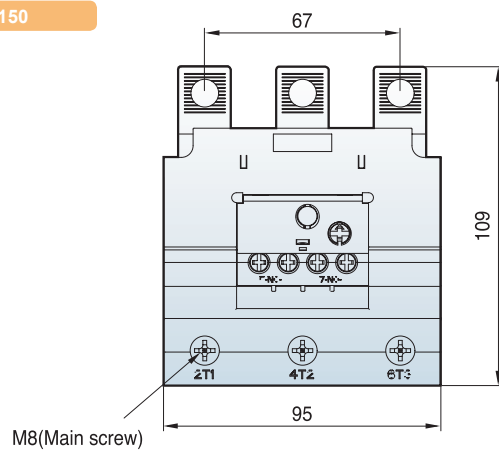
TC/TD -150a



[mm]

2.4kg

TK-150



[mm]

0.7kg

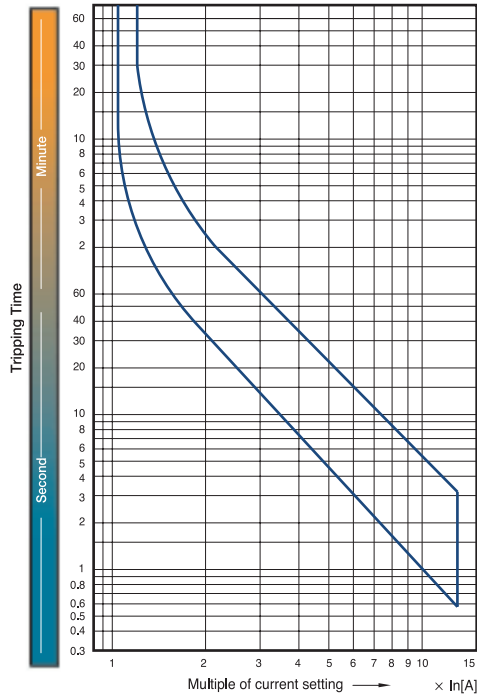
DATA SHEET: TEMCONTACT 2 TC-130a

Time/Current Characteristics Curves

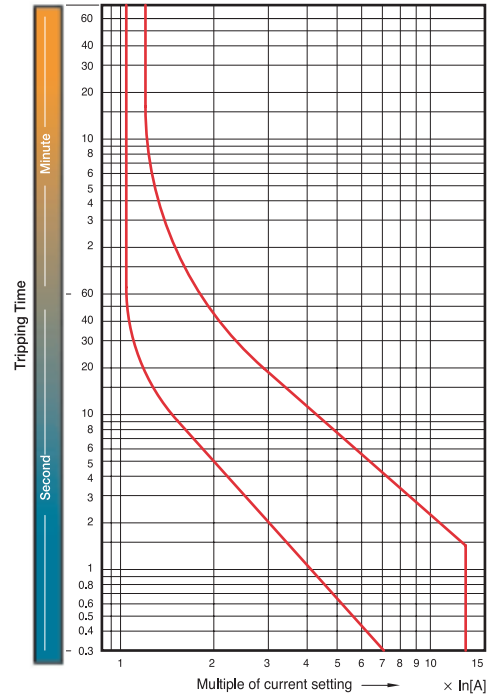
Class 10A, 150AF

TK-150

Cold starting



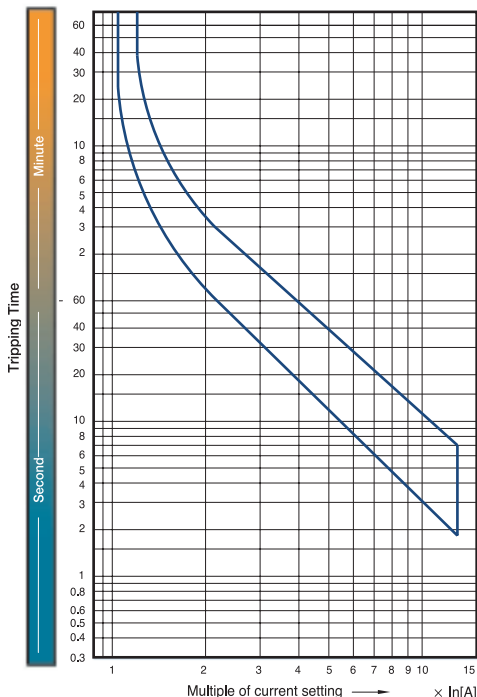
Hot starting



Class 20, 150AF

TK-150

Cold starting



Hot starting

