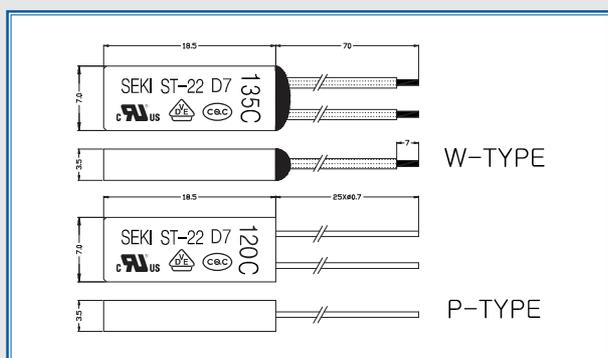


# THERMAL PROTECTOR

# ST-22



## • FEATURE

- Snap Action
- Automatic Reset Bimetal
- Moisture/ Dust-Proof
- Superior Heat Response
- PBT Resin Case with Epoxy Seal
- Customization upon Request

## • APPLICATION

Overheat protection for Electric Motors, Battery Chargers, Transformers, Power Supplies, Heating Pads, Fluorescent Ballasts, OA-Machines, Solenoids, LED Lighting, etc.

## • TEMPERATURE SETTING RANGE (at no load)

50°C to 150°C in increments of 5°C

## • TOLERANCE

Indicated temp.  $\pm 5^\circ\text{C}$

## • ON-OFF DIFFERENTIAL TEMP. (general)

$30 \pm 15\text{K}$

## • HEAT ENDURANCE

Open temp.  $+50^\circ\text{C}$ /continuity,  $200^\circ\text{C}/1\text{min}$

## • CYCLE LIFE(Resistive Load)

10A/125V AC 10,000 cycles, 7A/250V AC 10,000cycles  
3A/48V DC 6,000 cycles, 2.2A/48V DC 10,000cycles

## • CONTACT CAPACITY

Min. Current 50mA/ repeatedly,  
Max. Current 30A/5 cycles

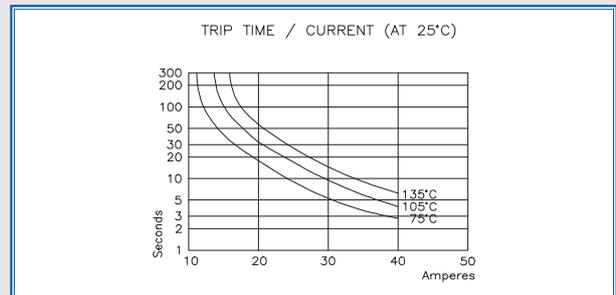
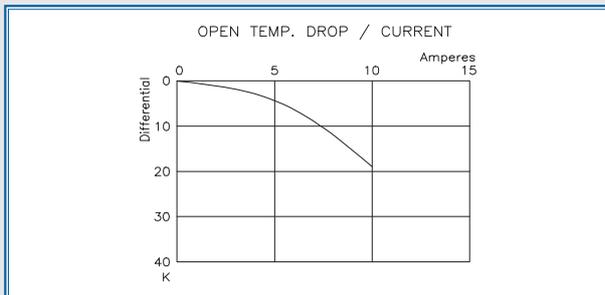
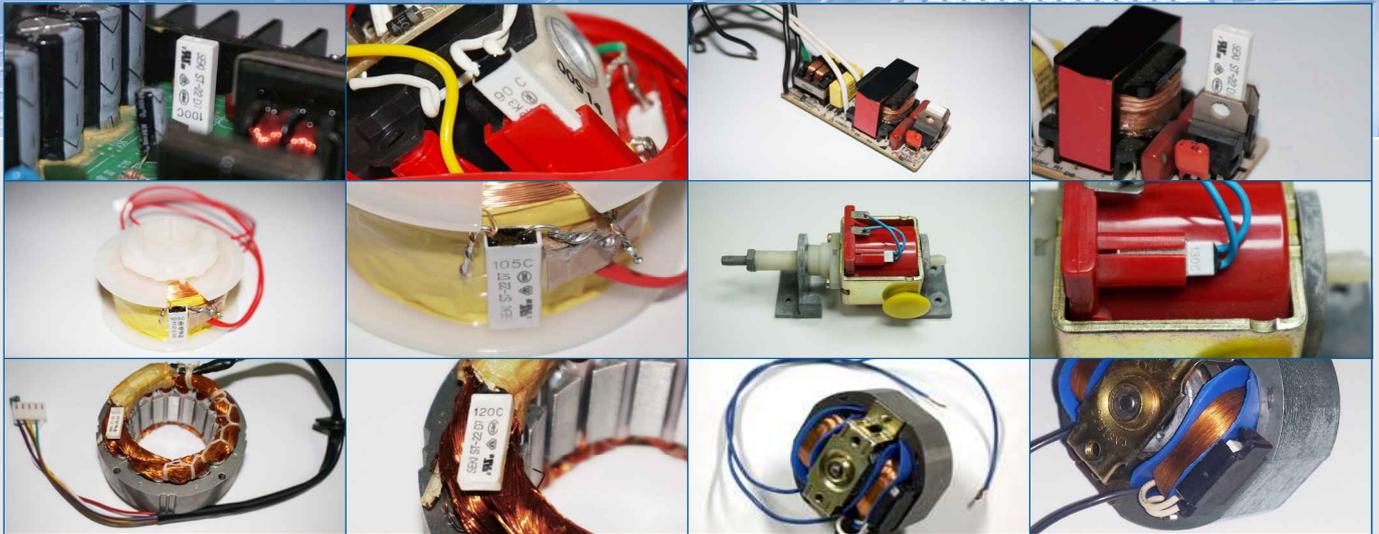
## • CONTACT SYSTEM

Normally closed



Preventing hazards due to overheating worldwide.  
SEKI is always by your side.

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## • APPROVAL/RATINGS

Agency	Standard	Category	Electrical Ratings	Max Temp	File NO.	
UL (c-ULus)	UL 2111 CSA C22.2 No.77-14	Motor Protector	AC 125V/250V, 1/2 HP	150°C	E162232	
	UL 873 CSA 22.2 No.24-15	DC (Thermal Protective Device)	DC 48V/2.2A 10,000 cycles	130°C	E162183	
		Resistive	DC 48V/3A 6,000 cycles			
		Inductive	AC 125V/10A, 250V/7A, 10,000 cycles			
		Fluorescent Lamp/Ballast	AC 277V/5A 6,000 cycles (UL only)			
		Incandescent Lamp	AC 277V/3A 6,000 cycles (UL only)			
VDE	EN 60730-1 EN 60730-2-2	Thermal Motor Protector	AC 250V	150°C	1916600-4510-0003	
	EN 60730-1 EN 60730-2-9	Thermal Cut-Out	AC 250V/7A(4A) Resistive(Inductive) 10,000 cycles	130°C		
	EN 60730-1 EN 60730-2-3	Fluorescent Lamp/Ballast	AC 250V/1A	150°C		
CQC	GB14536.1-2008 GB14536.3-2008 GB14536.10-2008	Thermal Protector	Motor Protector AC 125V/250V, 1/2HP Resistive AC 125V/10A, 250V/7A 10,000 cycles Inductive AC 125V/4A, 250V/2.5A 10,000 cycles	150°C	CQC08002022430	
	KC	KC60730-1	Thermal Protector	AC 250V/5A	150°C	ZH02003-10001
		K60730-2-9				

## • LEAD WIRE SPECIFICATION

- W-Type : UL3266 AWG22 Stranded. Standard Length: 70mm long with 7mm stripped
  - P-Type :  $\varnothing$ 0.7 Tinned Lead. Standard Length: 25mm
- \* The length can be adjustable on demand.

## • WARNING

You may happen to encounter counterfeits of SEKI products in the market, all of which cause a serious damage by their serious defectives in quality. Therefore it is strongly recommended that you purchase authentic SEKI products from our AUTHORIZED distributors.