

# Thermal Protector

## ST-22 Series

### Features

- Snap Action, Automatic Reset
- Superior Heat Response
- PBT Resin Case with Epoxy Sealing
- Moisture/Dust-Proof, IECEx(Explosion Proof)
- Wire Customization upon Request
- IP(Ingress Protection): IP45 (Solid 4, Liquid 5)
- Normally Closed

### Applications

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

### Heat Endurance

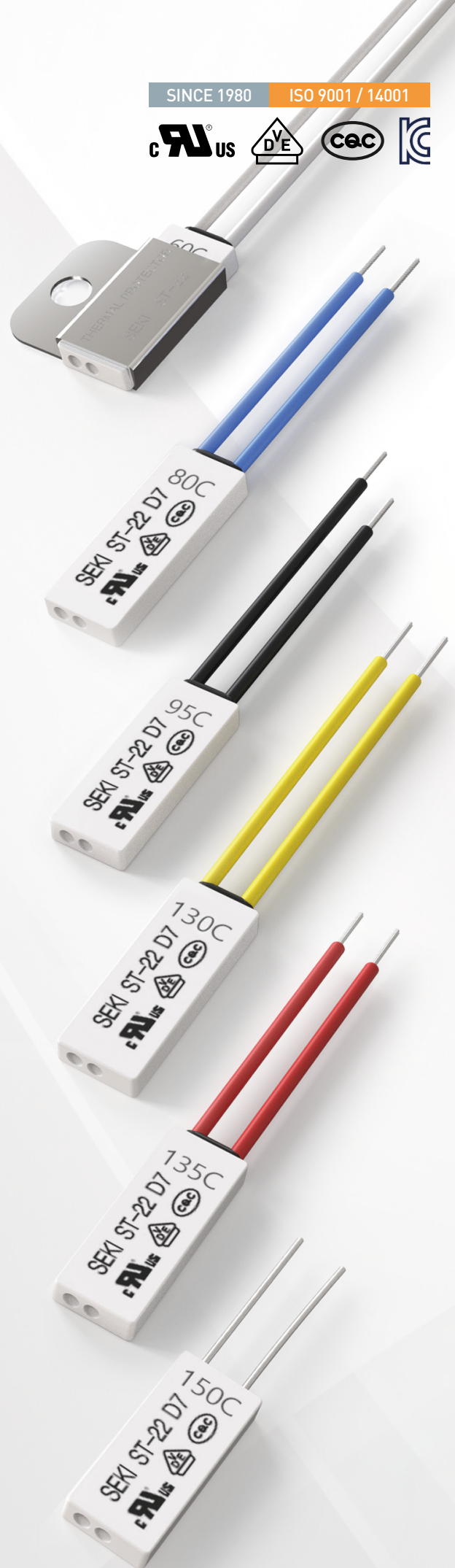
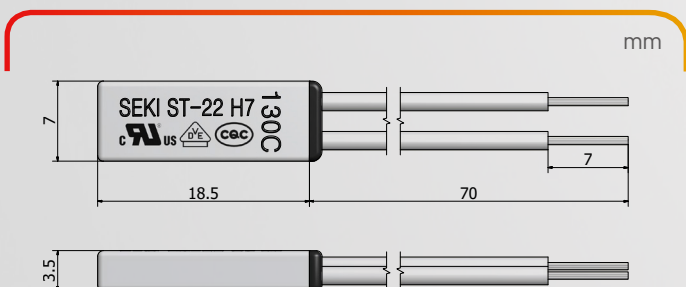
- Open Temp. +50°C/continuity, 200°C/1min

### Temperature Setting Range (at no load)

- 50°C ~ 150°C in increments of 5°C

### Lead Wire Specifications

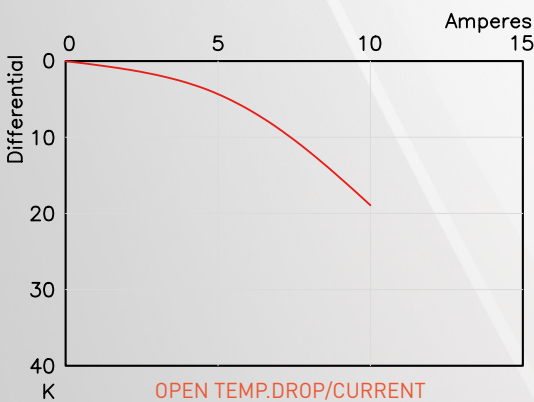
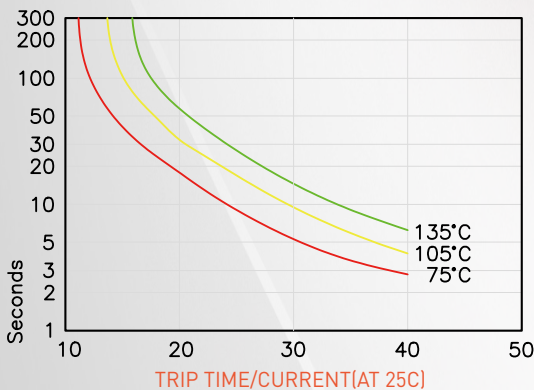
- W-Type : UL3266 AWG22 Standard  
Standard Length : 70mm long with 7mm stripped
- P-Type :  $\phi 0.7$  Tinned Lead. Standard Length: 25mm
- The length can be adjustable on demand



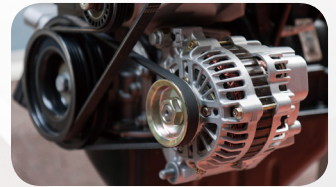
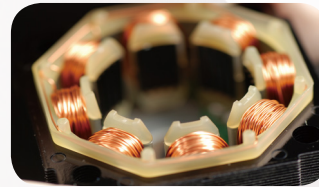
## Safety Approvals

Agency	Standard	Category	Electrical Ratings	Max Temp	File No.				
UL CSA	UL 2111 CSA C22.2 No.77-14	Motor Protector	AC 125V/250V, 1/2 HP	150°C	E162232				
		DC (Thermal Protective Device)	DC 48V/2.2A, 10,000 cycles DC 48V/3A, 6,000 cycles DC 60V/2.2A, 6,000 cycles						
		Resistive	AC 125V/10A, 250V/7A, 10,000 cycles						
	UL 873 CSA 22.2 No.24-15	Inductive	AC 277V/5A, 6,000 cycles (UL only)	130°C	E162183				
		Incandescent Lamp	AC 277V/3A, 6,000 cycles (UL only)						
		Fluorescent Lamp Ballast	AC 125V/4A, 250V/2A, 10,000 cycles AC 120V/3A, 10,000 cycles AC 250V/1A, 10,000 cycles AC 277V/1A, 10,000 cycles						
DVE	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						
	EN 60730-1 EN 60730-2-3	Fluorescent Lamp Ballast	AC 250V/1A	130°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 K	KC60730-1 K60730-2-9			Thermal Protector	AC 250V/5A 10,000 cycles	150°C	ZH02003-10001

## Characteristics



## Applications



**SEKI CONTROLS CO.,LTD.**

**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.