

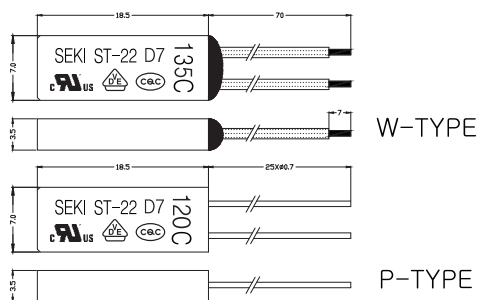


Preventing hazards due to overheating worldwide.
SEKI is always by your side.

SINCE 1980 ISO 9001/14001

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

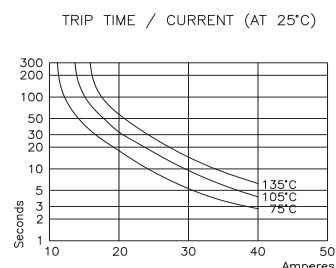
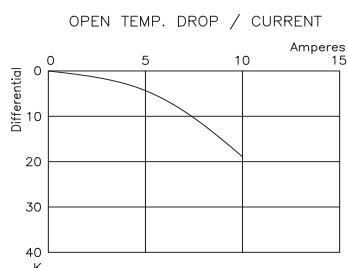
• CONTACT SYSTEM

Normally closed



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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
			DC 48V/3A 6,000 cycles		
		Resistive	AC 125V/10A, 250V/7A, 10,000 cycles		
			AC 277V/5A 6,000 cycles (UL only)		
		Inductive	AC 277V/3A 6,000 cycles (UL only)		
	Incandescent Lamp	AC 125V/4A, 250V/2A 10,000 cycles			
Fluorescent Lamp/Ballast	AC 250V/1A 10,000 cycles				
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		
	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	150°C	CQC08002022430
			Resistive AC 125V/10A, 250V/7A 10,000 cycles		
			Inductive AC 125V/4A, 250V/2.5A 10,000 cycles		
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 : ϕ 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.