

RoHS
Compliant



Features

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

Applications

Electric Motors, Battery Chargers, Transformers, Power Supplies, Heating Pads, Fluorescent 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 to 150°C in increments of 5°C

Lead Wire Specifications

W-Type: UL3266 AWG22 Standard

Standard Length: 70mm long with 7mm stripped

P-Type: 00.7 Tinned Lead.

Standard Length: 25mm

The length can be adjustable on demand

Contact Capacity

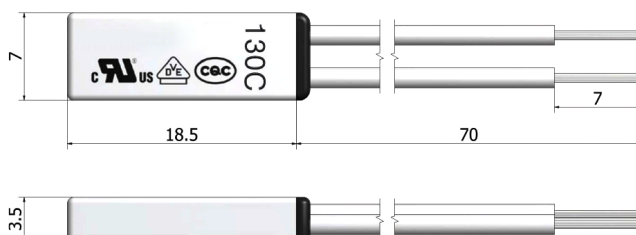
Min. Current 100mA/repeatedly.

Max. Current 30A/5 cycles

Note:

The temperature setting cannot be altered; it is set at the factory. Increment of 5 degrees means they are available in 80, 85, 90, 95...etc but preset at the factory

Diagram

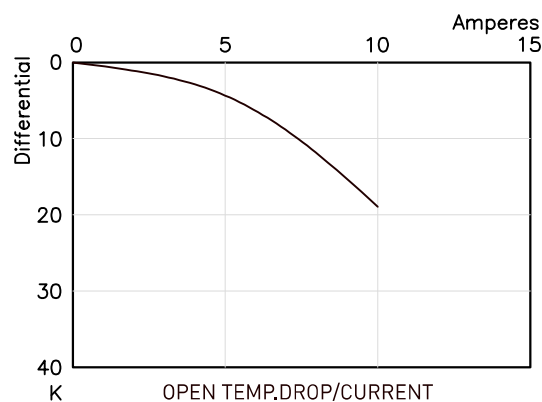
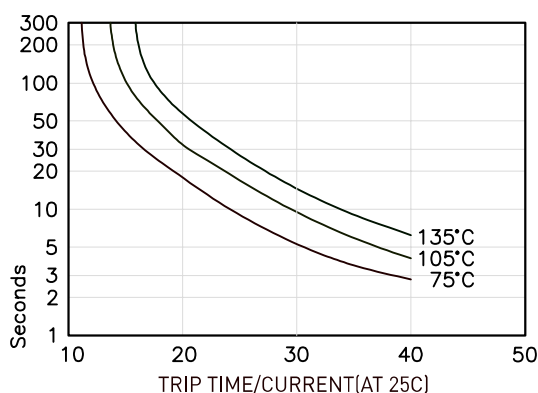


Dimensions : Millimetres

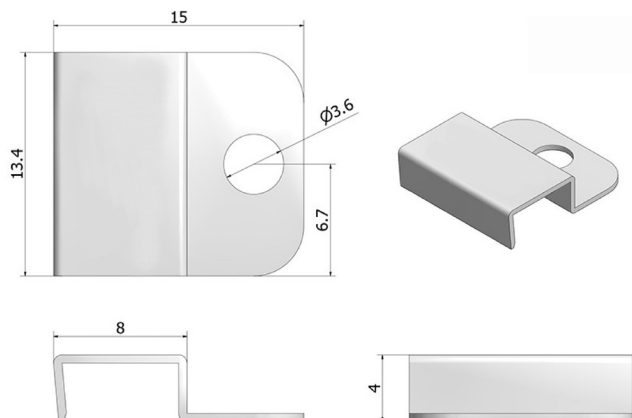
Safety Approvals

Agency	Standard	Category	Electrical Ratings	Max. Temp.
	UL 2111 CSA C22.2 No.77-14	Motor Protector	AC 125V/250V, 1/2 HP	150°C
	UL 873 CSA 22.2 No.24-15	DC (Thermal Protective Device)	DC 48V/2.2A, 10,000 cycles	130°C
			DC 48V/3A, 6,000 cycles	
			DC 60V/2.2A, 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 120V/3A, 10,000 cycles	
			AC 250V/1A, 10,000 cycles	
			AC 277V/1A, 10,000 cycles	
	EN 60730-1 EN 60730-2-2	Thermal Motor Protector	AC 250V	150°C
	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	
	GB14536.1-2008 GB14536.3-2008 GB14536.10-2008	Thermal Protector	Motor Protector AC 125V/250V, 1/2HP	150°C
			Resistive AC 125V/10A, 250V/7A, 10,000 cycles	
			Inductive AC 125V/4A, 250V/2.5A, 10,000 cycles	
	KC60730-1	Thermal Protector	AC 250V/5A 10,000 cycles	150°C
	K60730-2-9			

Characteristics



Accessory



MP-22 BRKT

Dimensions : Millimetres

Part Number Table

Description	Type	Temperature	Wire	Length		Part Number
Thermal Circuit Breaker	N/C	Set 50°C ±5°C	22AWG	70mm	7mm stripped	MP-22 50C WH 70 (7)
	N/C	Set 70°C ±5°C				MP-22 70C WH 70 (7)
	N/C	Set 90°C ±5°C				MP-22 90C WH 70 (7)
	N/C	Set 105°C ±5°C				MP-22 105C WH 70 (7)
	N/C	Set 120°C ±5°C				MP-22 120C WH 70 (7)
	N/C	Set 140°C ±5°C				MP-22 140C WH 70 (7)
Mounting Bracket						MP-22 BRKT

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