

Thermal Protectors

UP7 Series (Open On-Rise)



Thermal Protectors - UP7

The UP7 Series (UP71, UP72) PBT enclosed thermal protectors, are compact 1/2HP (373W) motor protectors. The unique engineering techniques of holding the bimetal disc result in excellent performance in heat response.

Selco switches are produced in an ISO 9001 certified factory to insure safe and reliable operation. All models are 100% factory inspected to ensure proper temperature, continuity and function.

Custom Manufacturing options are available including: longer leads, sleeving, heat shrink, mounting brackets and more. For details regarding custom thermal protector assemblies, please contact Selco directly.

Everyday Applications

Solenoids, Small Motors, Transformers, Electronic Appliances, And More...

MODELS	APPROVALS	CONTACT RATINGS
UP71 and UP72 150°C maximum (302°F maximum)	UL2111 Motor Protector File No. E52703	125V/250VAC, 1/2HP maximum
UP71 and UP72 150°C maximum (302°F maximum)	cUL (CSA Std. C22.2, No. 77 Regulating) File No. E52703	125V/250VAC, 1/2HP maximum
UP71 and UP72 150°C maximum (302°F maximum)	EN60730-2-2 Thermal Motor Protector File No. 8921.00-4510-0026	250VAC
UP71 and UP72 150°C maximum (302°F maximum)	EN60730-2-9 Thermal Cut-Out File No. 8921.00-4510-0027	250VAC, 2.5 Amps, Resistive 250VAC, 1.6 Amps, Inductive 10,000 Cycles

Technical Specifications



UP7 Series

Type

UP71 - Uninsulated solid wires, bare

UP72 - Stranded insulated wires, tin-coated 22AWG
Standard lead length: 50mm + 7mm

Temperature Range

55°-150°C (131°-302°F)

Temperature Tolerance

±5°C (9°F) Standard, ±7°C (13°F), ±10°C (18°F)

Standard Differential

30°C±15°C (50°F±25°F)

Electrical Ratings

125VAC, 4 Amps, Resistive, 6,000 Cycles

250VAC, 2.5 Amps, Resistive, 10,000 Cycles

Contact Resistance

50m Ω or less (initial value)

Contact System

UP71 and UP72 Models

> Open on-rise (normally closed) with silver contacts

EXAMPLE PART NUMBER

UP72-70C

Open on-rise 70°C±5°C (158°F±9°F), Reset 40°C±15°C

(104°F±27°F), 22AWG Stranded Insulated Wires,

50 mm + 7mm length

NOTE: It is the customer's sole responsibility to specify and determine the suitability of a particular control or component based on their unique individual applications and requirements, with respect to temperature settings, cycle life, electrical load and environmental conditions.

