



USE-RD (Creep Action type – Thermal Protector)

Thermal Protector for Motors reacting to temperature

US Electronics USE-RD Series Thermal Protectors deliver the utmost protection in a miniature package at an excellent price

Our USE-RD Series Thermal Protectors prevent overheating in products that generate heat. They are in a miniature metal case and are creep action type, thermally operated devices that are proven performers in protection technology.

It protects against overheating in:

- Small Motors in various appliances
- DC Electrical tools
- Low voltage house hold goods
- Rechargeable batteries
- Transformers
- Automotive Products, solenoids, PC boards and other applications



Here's why you should be using US Electronics USE-RD Series Thermal Protectors in your product:

- Small size
- Individually temperature calibrated and inspected.
- High Repeatability in open temperature setting over life.
- Wide selection of leads.

Operation:

The USE-RD Series Thermal protector operates by sensing the temperature on its metal case. The high quality bi-metal sensor opens the contacts as soon as the pre-set open temperature is reached. When the equipment returns to a normal operating range, the device resets and closes the electrical circuit automatically within a few degrees of its open temperature.

Dimensions & Technical Specifications:

Contact Rating:	6A@24VDC, 6A@120VAC
Temperature Range:	20°C to 150°C
Open Temp. Tolerance:	+/- 5°C
Max. Storage temp.:	150°C
Switch Action:	N/O SPST Creep action type
Rated No. of Switching Cycles:	100,000
Hysteresis to reset:	1-2°C (depends on the open temperature setting)



