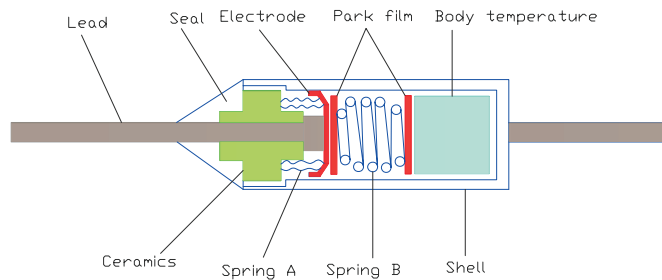
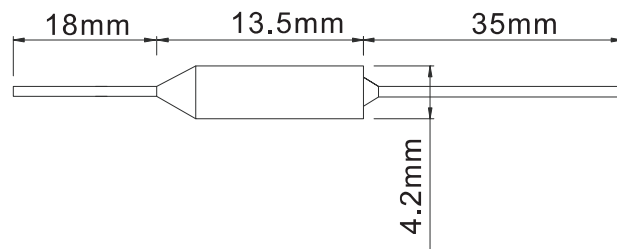


Thermal Fuse Series

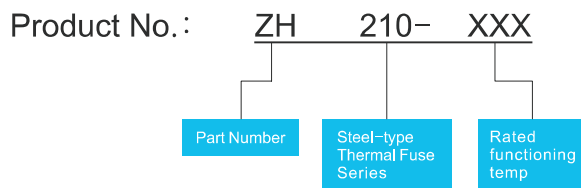
ZH210-142 Steel-type Thermal Fuse Series

Electrical :

- 3.1 Rated Functioning Temperature : 142 +0°C -10°C
- 3.2 Rated Voltage:250V
- 3.3 Rated Current: 10A
- 3.4 Normal Electric Strength: Between Housing (Cover the silicone insulation tube) and Lead, Dielectric Strength should be AC 50Hz, 1500V, last 1 minute, without blink and breakdown.
- 3.5 Insulation Resistance: Between Housing (Cover the silicone insulation tube) and Lead, Insulation Resistance > 2MΩ.
- 3.6 Contact Insulation: Contact Insulation between lead ≤0.028Ω
- 3.7 Disconnection Insulation Resistance: Lead to lead in disconnection, Insulation Resistance ≥0.2MΩ
- 3.8 Leakage Current: ≤0.2mA



ORDER INFORMATION



Fuse holder Series

ZH210-142 Steel-type Thermal Fuse Series

| AUPD BF Series | | | | | | | | | | | |
|----------------|------------------------|------------------------|--------------------------|--------------------------|--------------------|--------------------|-----------------|-----|-----|-----|------------|
| New Model No | Rated Functioning temp | Fusing-off temperature | Holding Temperature (Th) | Maximum temp. limit (Tm) | Rated Current (Ir) | Rated Voltage (Ur) | Safety approval | | | | RoHS |
| | (Tf) | | | | | | UL | VDE | PSE | CCC | Compliance |
| ZH210-142 | 142°C | 140+2/-3°C | 114°C | 159°C | 10A | 250Vac | ● | ● | ● | ● | ● |

Rated functioning temperature(Tf) : The temperature at which a Thermal Cutoff changes its state of conductivity to open circuit detection current. The tolerance according to IEC60691 is from -10°C~+0°C (With Japan Electrical Appliance and Material Law, on the other hand, they must function in the tolerance range of ±7°C Fusing(cut)-off temperature The fusing-off temperature indicates value measured in silicon oil with a temperature increased by 0.5-1°C per minute and a detective current 100mA or less.

Holding temperature(Th) : The maximum temperature at which a thermal Cutoff will not cause a change in state of conductivity to open circuit while conducting rated current for 168 hours.

This rating is required by safety standards based on IEC60691.

Maximum temperature limit(Tm) : The maximum temperature at which a Thermal Cutoff can be maintained for 10 minutes without reclosing. This rating is required by safety standards based on IEC60691.

Rated current(Ir) : The allowable maximum current which a Thermal Cutoff is able to carry.

Rated current(Ur) : The allowable maximum voltage which a Thermal Cutoff is able to be applied.