

## Thermostat



KTO-011,NC



KTO-011,NO



ZR011,NO+NC

## Small Thermostat

Large setting range

Small size

Simple to mount

High switching performance

KTO-011:Thermostat(normally closed)NC

contact breaker for regulating heaters.

KTS-011:Thermostat(normally closed)NO

contact maker for regulating kf filter fans and heat exchangers or for srwitching signal devised when temperature limit, has been exceeded.

ZR-011:

Two thermostats in one casing:

Thermostat(contact breaker,normally closed);for regulating heaters.

Thermostat(contact breaker,normally open);for regulating of filter fans and heat exchangers or swiching signal when temperature limit has been exceeded.

Heaters and cooling equipment can be switched indepenndently from each other with a temperature offset as opposed to the usual chang-over contacts.

## Technical Data

### Small Thermostat

Type	KTO-011/KTS-011	ZR-011
Switch Temperature Differeture	7K(±4K Tolerance)	7K(±4K Tolerance)
Sensor Element	Thermostatic bimetal	Thermostatic bimetal
Contact Type	Snap-action contact	Snap-action contact
Contact Resistance	<10m Ω	<10m Ω
Service Life	> 100,000 cycles	> 100,000 cycles
Max.Switching capacity	250VAC, 10(2)A 120VAC, 10(2)A DC 30W	250VAC, 10(2)A 120VAC, 10(2)A DC 30W
EMC	Acc.To EN 55014-1-2, EN 61000-3-2,EN61000-3-3	Acc.To EN 55014-1-2, EN 61000-3-2,EN61000-3-3
Connection	2-pole terminal,clamping torque 0.5Nm max.: Rigid eire 2.5mm <sup>2</sup> Stranded wire(with wire end ferrle) 1.5mm <sup>2</sup>	4-Pole terminal,clamping torque 0.5Nm Max.: Rigid eire 2.5mm <sup>2</sup> Stranded wire(with wire end ferrle) 1.5mm <sup>2</sup>
Mounting	Clip for 35mm DIN rail, En50022 (or for exit filter EF118 Series)	Clip for 35mm DIN rail, En50022
Casing	Plastic according to UL94-HB, black	Plastic according to UL94-HB, light grey
Dimensions	60X33X43mm	67X50X46mm
Weight	Approx. 40g	Approx. 90g
Fitting Position	Variable	Variable
Operating/Storage Temperature	-45 to+80°C(-49 to+178°F)	-45 to+80°C(-49 to+178°F)
Protection Type	IP20	IP20