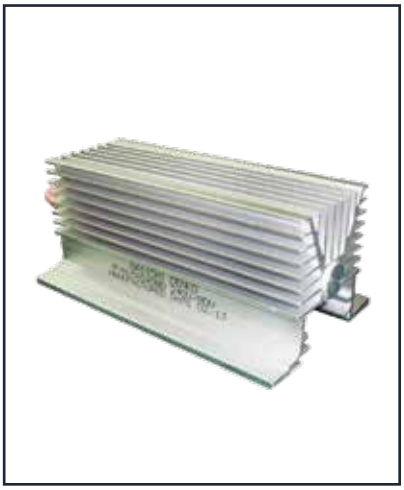
Anti-condensation Heaters

MALTEC-H



Anti-condensation heater are designed to maintain the temperature of an electrical enclosure. Anti-condensation heater are used for elimination of water vapor contained inside the enclosures. They also provide frost protection by keeping the internal temperature of electrical enclosure above the freezing temperature. The anti-condensation heater prevent condensation through convection. Anti-condensation heater is suitable for installation in all enclosures and have been designed to protect equipment from water damage due to condensation. They are particularly important in cooler areas, or where the humidity is high. Corrosion caused by condensation can create premature electrical failure.

These anti-condensation heater help prevent condensation by keeping the temperature inside an enclosure several degrees above the external ambient temperature and the dew point of the environment outside. Relative air humidity of 65% and upwards, is considered as problematic, if unaddressed, it can cause corrosion and failures of components such as relays, switch gear, PCBs and electromechanical assemblies.

Application

Anti-condensation heater are used for warming up the air inside enclosures, protecting electrical and electronic components from condensation and corrosion. Anti-condensation heater have a self-regulating function that is designed to maintain optimal temperatures within enclosures. This will prevent corrosion inside the enclosure due to condensation.

- Industrial Enclosure
- Control and Monitoring Systems
- Switch Cabinet
- Panel Board
- Free-standing electronic equipment & meters
- Others

Material Sheath Selection

Aluminum, natural anodized

DAIICHI DENKO Anti-Condensation Heater

MALTEC-H

Daiichi Denko anti-condensation heater are suitable for installation in all enclosures and have been designed to protect equipment from water damage due to condensation. They are particularly important in cooler areas, or where the humidity is high. Relative air humidity of 65% and upwards, is considered to be problematic, if unaddressed, it can cause corrosion and failures of components such as relays, switch gear, PCBs and electromechanical assemblies. Mounting in the bottom part of the cabinet will increase efficiency. As for the position in relation to other components in the cabinet, a distance of at least 5cm to the sides and 3cm to the bottom is recommended.

Features

- No thermostat is required
- Self regulated heating
- No moving parts to wear out
- Compact size and high watt density
- Uniform heat output
- Corrosion resistance aluminium
- Easy mounting – All heater are simple to install on 35mm DIN rail

Specifications

- Rated Power : Thermal Output 80W
- Voltage : 240VAC
- (Others voltage and power rating available upon request)
- Termination : Silicone rubber (2 x 0.75mm^2) insulated cable
- Profile Material: Aluminum, natural anodized
- Size : 71mmW x 55mmH x 125mmL
- Size : 71mmW x 55mmH x 200mmL

Model Number	Rating		Aluminum Profile Length
	Voltage	Wattage	
CH12060	120VAC	60W	125MM
CH12080	120VAC	80W	125MM
CH120100	120VAC	100W	125MM
CH24060	240VAC	60W	125MM
CH24080	240VAC	80W	125MM
CH240100	240VAC	100W	125MM
CH120120-200	120VAC	120W	200MM
CH120150-200	120VAC	150W	200MM
CH240120-200	240VAC	120W	200MM
CH240150-200	240VAC	150W	200MM

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Daiichi Denko Anti- Condensation Heater

Switchboard Panel | Control & Monitoring Systems | Industrial Enclosure

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