

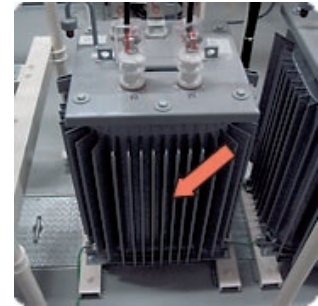
# Applications of the temperature controller from Matsuo (X·X̄·Y·Ȳ)

## Electric power purposes

### Temperature control of cubicle transformers

The temperature powerful sensors (TPS) from Matsuo, which can be substituted for thermistor controllers, can be used for temperature control at individual spots inside the cubicle.

The temperature powerful sensors from Matsuo play the role of protecting against overloads and as a temperature control of the transformer as a low cost temperature sensor. First of all, the MQT8H 80YD detects an abnormal temperature rise and sends out an alarm signal. This temperature signal is sent via a centralized control room and helps to control the temperature inside the entire cubicle.



### Temperature control / antifreeze control inside the control panel of wind power generators

The temperature powerful sensor (TPS) from Matsuo is used as a thermostat for temperature control for anti-freezing inside the pitch controller box (control panel) of the windmill unit of wind power generators. The temperature powerful sensor MQT8K 0X(bar)B is designed to switch ON when the temperature inside the box falls to 0°C and OFF when the temperature rises approximately 5°C. The temperature powerful sensor from Matsuo, with its small differential and long life features, is most suitable as a thermostat for anti-freezing.

