



TEKMAR 1873 / 1875

Ice and Snow Detector

The base device 1873 can be used as an individual unit or as a foundation for constructing an ice detection system with multiple channels and communication with building management systems or the tekmar Connect server.

A single-channel system consists of a base device with a combined sensor and a heating circuit. It can be extended with an Internet or Modbus gateway, allowing remote control, monitoring, and maintenance via the building management center or the platform-independent user portal of the tekmar Connect server.

The 73 system can be expanded, if necessary, with the extension device 1875 to become a multi-channel system with up to eight sensors and heating circuits. The heating circuits can be assigned to up to four different zones, each with a separate preheating and base heating mode, as well as distinct weekly schedule programs and a holiday program.

The sensors in a zone can be linked to a signaling circuit, where one of the sensors activates all the heating circuits of the channels belonging to the zone.



TECHNICAL DATA

Supply voltage	195-253V / 50Hz
Max load	3600 W (16A)
IP rating	IP20
Temperature range	-30° C ... +80° C
Humidity sensor/combined sensor	Tekmar 3354 / 3356
Display type (1873)	Backlit graphical touch screen
Connection terminals	Screw terminals w. spring load 2,5 mm ²
Installation configuration	Din Rail TH-35
Dimensions	90 x 53 x 60 mm
Warranty	5 years
Standards	CE • RoHS • UKCA

FEATURES

- Control and monitoring of a sensor and a heating output
- Continuous temperature monitoring in the heated area.
- Activation of humidity measurement when the temperature drops below the activation temperature.
- Start of the minimum heating time when the humidity threshold on the sensor is exceeded, or alternatively by an external signal at the control input.
- Monitoring of all ice and snow detectors and their sensors in an installation.

LINK TO WEB



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