TEKMAR 1873 / 1875

Ice and Snow Detector

The base device 1873 can be used as a standalone ice and snow detection system or expanded into a multi-channel system with communication to building management systems or the tekmar Connect server.

A single-channel system controls and monitors one sensor and heating circuit, continuously measuring the temperature and activating humidity detection when the temperature falls below a preset level. Heating is automatically activated when the humidity threshold is exceeded or by an external control signal, ensuring effective ice and snow protection.

For larger installations, the system can be expanded with the extension device 1875 to support up to eight sensors and heating circuits across four independent zones. Each zone can be configured with individual heating modes, weekly schedules and holiday programs, while linked sensors allow one sensor to activate all heating circuits within the same zone.

An optional Internet or Modbus gateway enables remote control, monitoring and maintenance through a building management system or the tekmar Connect user portal.

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 mm²
Installation configuration	Din Rail TH-35
Dimensions	90 x 53 x 60 mm
Warranty	5 years
Standards	CE • RoHS • UKCA



Version 1-0102026

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PRODUCT OVERVIEW

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DESCRIPTION	ITEM NO.	WEIGHT
Tekmar 1873 ice and snow detector	52201873	0,3kg
Tekmar 1875 extention device	52201875	0,3kg

ACCESSORIES

DESCRIPTION	ITEM NO.
Tekmar 9681 WLAN Antenna	52209681
Tekmar 1900 W-Lan/LAN Module	52201900
Tekmar 1880 Modbus Gateway	52201880
3356 Temperature/Humidity Sensor, 25 m	52205625
Tekmar 71917 Housing for Sensor 3356	52400917
Tekmar 71001 Cover for Sensor 3356	52400918
3354 Temperature/Humidity Sensor, 20 m, for Gutters	52205420
Zinc Holder for Gutter Sensor	52409145
79146 Copper Holder for Gutter Sensor	52409146
3115 Outdoor Temperature Sensor with Housing	52403115

LINK TO OUR WEBSITE

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