ST snow-removal station with 2 sensors

Technical sheet ST snow-removal station V1



Applications

This snow-removal control unit, equipped with both humidity and temperature sensors, is designed for the automatic detection of ice and snow and the activation of heating systems in open areas, garage entrances, stairways, ramps, flat roofs, and gutters.
Using both sensors together allows for energy savings of up to 80% compared to systems equipped with standard thermostats.

Specifications

Mounting:	DIN rail
Dimensions:	106 x 90 x 58 mm
Operating voltage:	230 V, 50/60 Hz
Power consumption:	≤ 15 VA
Ambient temperature:	-20 to +50°C

Setpoint range

Range:	Lower temperature limit -5°C ... -20°C, Off
Temperature:	0°C ... +6°C
Base temperature:	-15°C ... -1°C and Off
Humidity:	1 (sensitive) ... 8 (sensitive), and Off
Post-heating:	10 minutes - 24 hours and Off
Continuous heating:	On and Off

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