

# Devireg™ 850 Thermostat - Ground or Roof Systems (1-4 sensors)

## Applications

Ice and snow melting ground or roof systems.

- Roads
- Ramps
- Stairs
- Driveways
- Pavements
- Parking areas
- Doorways
- Loading areas
- Bridges
- Roofs
- Roof gutters



**The Devireg™ 850** is the most optimal solution for keeping an area free of ice and snow. Devireg™ 850 acts on information received from the sensor(s) which register both temperature and moisture. Devireg™ 850 calculates the information and secures that the heat will only be turned on when the right combination of low temperature and a certain level of moisture are detected. This gives an energy saving system and reduces running costs.

# Devireg™ 850

## Thermostat - Ground or Roof Systems (1-4 sensors)

### Functions

- Info-button for help/information. The info-button will guide you through the menus and settings
- View the actual temperature and moisture level measured by the sensors
- Adjustable operation mode: Automatic, constant on, and constant off
- Adjustable parameters: Melting temperature, standby temperature, moisture sensibility, post heating period
- The Intelligent, digital sensors will reduce energy consumption and give an optimal protection. The sensors are easy to install and designed for rough weather and heavy traffic loads
- Fault finding program. The Devireg™ 850 has a self diagnosing programme, which will detect faults and give an alarm
- Alarm function - blinking red light and a sound will indicate an alarm. Possibility of connecting external alarm
- RS232 enabled. Connect the Devireg™ 850 to a computer when a software upgrade is available

Technical Data	
Voltage	240V +10%/-20%
Power consumption • Devireg™ 850 • Sensor(s)	Max. 3W Ground: max. 13W, roof: max. 8W
Relays (all incl alarm) • Resistive load • Inductive load	240V ~ 16A 1A (power factor 0.3)
IP class • Devireg™ 850 • Sensors	IP 20 IP 67
Ambient temperature • Devireg™ 850 • Sensor - ground • Sensor - roof	-10°C to +40°C -30°C to +70°C -50°C to +70°C
Sensor type	Devibus™ connected moisture sensor(s)
Sensor lead	15m of 4 x 1mm <sup>2</sup>
Indication	2 x 16-character illuminated display
Measurements • Devireg™ 850 (DIN rail) • Sensor - ground • Sensor tube - ground • Sensor - roof	(Depth x Height x Width = DxHxW) D = 53mm x H = 86mm x W = 105mm Diameter = 87mm x H = 74mm Diameter = 93mm x H = 98mm D = 15mm x H = 23.5mm x W = 216mm
Warranty	2 years

Product Code	Item	No. of sensors
19150800	Devireg 850™ controller	none
19122025	roof sensor	1
19122000	ground sensor	1

