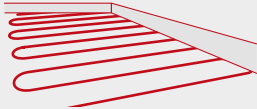


At a glance

Applications



Open spaces

- › Building technology
- › Open spaces, footpaths
- › Parking facility entrances and exits
- › Garage entrances
- › Steps
- › Bridges
- › Loading ramps
- › Helicopter landing pads

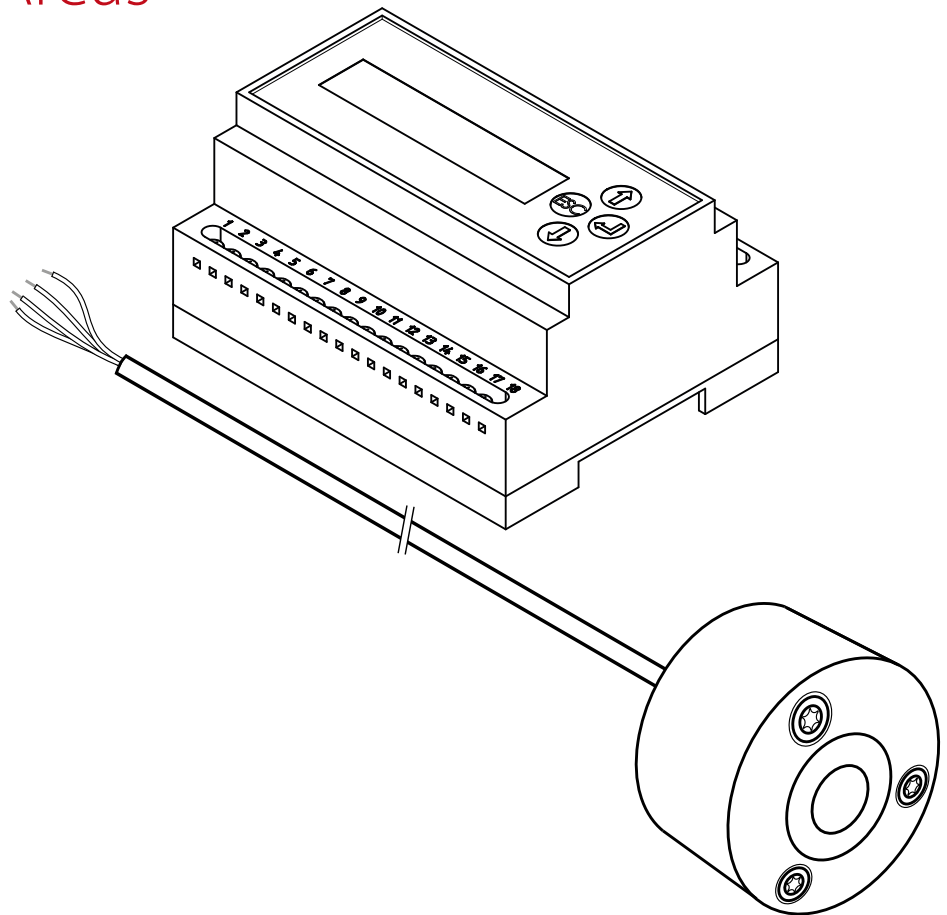
Advantages

- › Energy-saving
- › Reliable & economical
- › Easy installation & operation

Approvals

ISD-2

Ice and Snow Detector for Open Areas



The ice and snow detector for open area heating is used to keep parking garages entrances, stairs and other open areas free of ice. The combination of temperature and moisture sensor ensures that heating is only turned on when necessary. Wasting energy through unnecessary heating can be prevented in this way.

The microprocessor-controlled ISD-2 has an illuminated LCD display with setpoint values and actual values for temperature, moisture and the reheating time can be accessed and adjusted.

Checklist

Temperature sensors

ISD-DEC

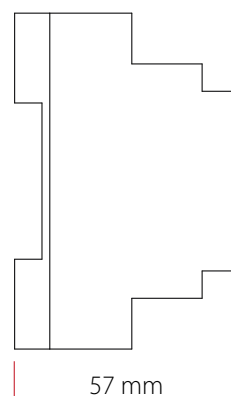
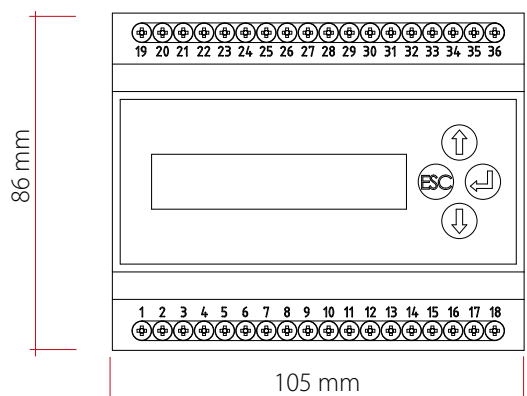
Moisture and temperature sensor, 20.0 m AL

TBA000202

Technical Specifications

Operating voltage	230 V AC 50/60 Hz
Max. power consumption	Max. 20 VA
Ambient temperature	-10°C up to +50°C
Storage temperature	-40°C up to +80°C
Switching capacity Relay 1	Relay NO contact, 250 V AC/30 V DC, 8A cos $\varphi = 1$
Switching capacity Relay 2	Relay NO contact, 250 V AC/30 V DC, 8A cos $\varphi = 1$
Switching capacity of fault message	Relay NC contact, 250 V AC/30 V DC, 8A cos $\varphi = 1$
Setpoint temperature range	0°C up to 9°C
Switching accuracy	$\pm 1\text{K}$
Tracer connection	4 sensor inputs (parallel)
Sensor voltage	24 V DC, max. 4 mA
Conductor cross-section if sensor	0.5 mm ² to 2.5 mm ²
Interface	RS 485
Display	Illuminated, 2 lines, 16 places
Housing material	Polycarbonate, grey
Dimensions	105 x 86 x 57 mm (WxHxD)
Protection	IP 20, protection class II
Mounting	DIN rail TS (6DU)
Weight	approx. 0.4 kg

Dimensions



Ordering Information

Type	Item no.
ISD-2 including moisture sensor ISD-DEC	0620621

* **Sensor:** For detailed information about the various sensors, refer to data sheet "ISD sensor for moisture temperature and precipitation"