

# EXTERNAL LOADS MANAGEMENT

For economic regulation of disposal of ice and snows ramps facilities, parking areas and in channels and down drips. The ice and snow formation occur through a combination of low outside temperatures and humidity, the control unit detects the external temperature and humidity of the area to be heated. The system will be activated only if it's snowing or the ice is forming. This system was created for complete management of a plant with constant power or self-regulating heating cables.

Description	Code	Weight
External control unit for 2 areas	200030000	0,750 kg
Ice-snow sensor	200030001	1,130 kg
Humidity external sensor	200030002	1,094 kg
Temperature external sensor	200030003	0,090 kg

## CONTROL UNIT FOR EXTERNAL LOADS:

- Power supply: 230V AC
- N°3 outputs 16 A NA
- N° 2 scr outputs 24 Vdc
- N° 1 enabling contact NA
- Viewing and programming display
- Installation DIN rail
- 9 modules size



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## HUMIDITY AND TEMPERATURE SENSOR:

- Power supply: 24 Vdc
- Operating temperatures: -20 ÷ +70 °C
- Protection IP68
- Size: Ø 60\*32 mm
- Cable: 10 m
- Assembling: at floor with upper face exposed



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#### **HUMIDITY SENSOR:**

- Power supply: 24 Vdc
- Operating temperatures:  $-20 \div +70$  °C
- Protection: IP68
- Size: 105\*30\*20 mm
- Cable: 10 m
- Assembling: on drips

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#### **EXTERNAL TEMPERATURE SENSOR:**

- Power supply: 24 Vdc
- Operating temperatures:  $-20 \div +70$  °C
- Protection: IP55
- Size: 86\*45\*35 mm
- Assembling: on wall

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