

Heating cable with constant input 6065 series

Function

The heating system is generally composed of a heating cable and a regulator connected to the normal electric mains. It is used for ice control and snow clearance on ramps, steps, pedestrian passageways and ramps for otherwise-abled persons. **The heating power released from the constant input cable, on the contrary to the self-regulating type, is independent of the temperature.** This feature ensures **simple calculations for correct sizing, low costs and ease of installation.** In addition, it can also be used to maintain temperature levels in rooms.

Product range

- 606523 code Heating cable in reel of 22,9 m
- 606532 code Heating cable in reel of 31,9 m
- 606545 code Heating cable in reel of 45,4 m
- 606568 code Heating cable in reel of 68,1 m
- 606596 code Heating cable in reel of 96,4 m
- 606512 code Heating cable in reel of 120 m

Technical specifications

6065 series

Materials:

Conductor:	double made of copper alloy
Insulation:	XLPE (cross linked polymer)
Protection screen:	aluminium
Coating:	PVC with high tensile strength and waterproofing
Earth conductor	

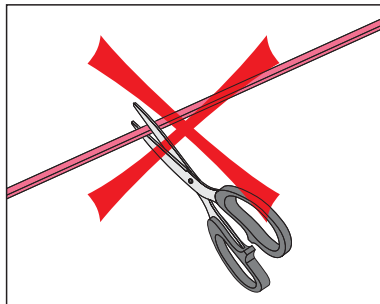
Performance:

Power supply:	230 V (ac)
Input power:	28 W/m
Maximum adjustment temperature:	65°C
Maximum temperature supported by the cable:	160°C
Outside diameter:	7,5 mm
Minimum radius of bending:	5 times the diameter of the cable

Details

This particular type of heating cable is used in its entire length, it **cannot be shortened**. Otherwise its heat emission characteristics would change and so would the final temperature.

The electrical connection is extremely simple to make, without taking any special precautions.



Example of connecting cable to electricity supply

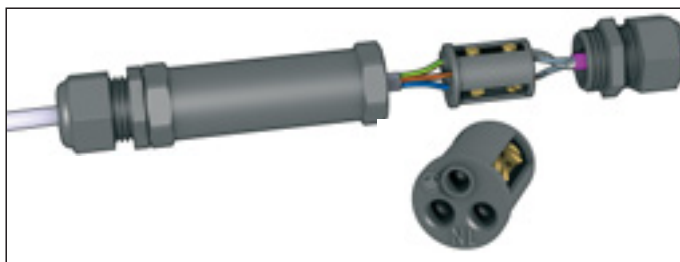
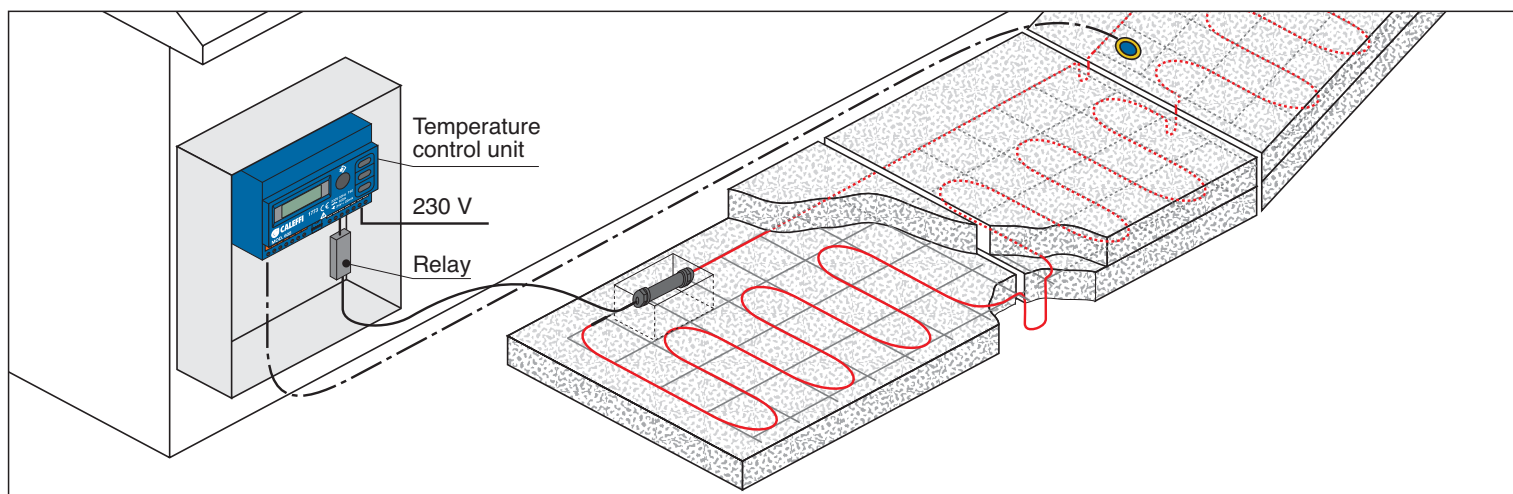


Diagram of installation on exterior ramps



The heating cables are normally laid in the concrete at a depth of approximately 50 mm from the surface. The cable is laid on an arc welded grid of reinforcement and is secured with clamps or ties. The hot portion of cable must always be completely sunk into the concrete and never installed in ducts or other construction components. In addition, it is essential to avoid overlapping or crossovers that can cause overheating and malfunctioning.

To avoid wasting power, it is recommended to connect the heating cable to the ice control unit code 605100 or a specific thermostat. In this way the cable will switch on automatically only when it really needs to be used.

Accessories

607200 code



Connection fitting for heating cable.
Maximum contact capacity: 16 A.
Protection class: IP 68.

605100 code



Digital temperature and humidity control unit for ice detection.
Power supply: 230 V - 50 Hz.
Contact capacity to switch on the service: 6 A (230 V).
Up to 2 sensors can be connected.

We reserve the right to change our products and their relevant technical data contained in this publication at any time and without prior notice.