



PLUG IN

Frost protection for pipes (inside/outside)

During the cold months, there is a risk of damage to outdoor pipe installations. The water inside the pipes freezes, expands and can potentially result in the need for expensive repairs caused by water leakage. The ideal solution for protecting pipes from frost is to install heating cables, complete with a connecting cable.

Plug In is an energy-efficient heating cable designed to protect pipe installations from frost. The cable's special outer sheath allows installation inside pipes with drinking water, as well as traditional frost protection on the outside of the pipe. The cable's self-regulation feature will adjust the power output to the ambient temperature in order to avoid consuming more energy than necessary.

The product comes complete from the factory with a connection cable and plug, ready to be installed on site. Therefore, installing the cable is quick and does not require any special tools or connection by an electrician.

Further information about the product can be found on the datasheet.



Advantages:

- Enables continuous water supply during periods of severe frost
- Prevents pipes from freezing
- Easy installation without the need for an electrician
- Can be fitted on the outside and inside of pipes
- Approved for installation in drinking water
- Self-regulation feature contributes to cost-effective operation
- 5-year warranty



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Frost protection for pipes (inside/outside)

Plug In is a self-regulating heating cable designed to provide effective frost protection for pipes. The cable's self-regulating matrix lowers the power consumption of the cable as the temperature rises and, conversely, raises the power consumption at low temperatures.

The cable can be fitted on the outside of pipes as traditional frost protection but also inside pipes with drinking water. When installing on the outside of plastic pipes, it is advantageous to apply aluminium tape along the entire length of the pipe. This will ensure good heat distribution.

It is recommended that the cable be controlled by means of a thermostat with a sensor mounted under the insulation.

The cable meets the requirements of IEC / EN 62395 for frost protection in private homes and industry.



TECHNICAL DATA

Nominal Power	11 W/m @ 10 °C
Supply voltage	230 V
Cable dimensions	10.5 mm x 5 mm (+/- 0.5 mm)
Conductor insulation	Polyolefin
Conductor dimension	2 x 0.56 mm ²
Earthing	Aluminium Mylar tape with copper conductor
Heating cable, outer sheath	Polyolefin, special
Colour	Purple, RAL 4005
Cold cable	2 m with plug
Cold cable type	3G H05RN-F
Permissible cable temperature	Max. 65°C (85°C unpowered)
Min. bending radius	30 mm along the thin side
Warranty	5 years
Minimum installation temperature	-15 °C
Approval	CE
Standard	IEC/EN 62395
Tolerance power @ 10°C	-10 %...+20 %

APPLICATIONS

Outside of pipe	✓
Inside of pipe	✓

ACCESSORIES

Aluminium tape
Thermostat
Brass fitting

LINK TO OUR WEBSITE



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PRODUCT OVERVIEW



PLUG IN

DESCRIPTION	OUTPUT@10°C	CURRENT	NOMINAL POWER
PlugIn 1.4 m, DK or Schuko	15 W	0.1 A	11 W/m
PlugIn 2.0 m, DK or Schuko	22 W	0.1 A	11 W/m
PlugIn 4.0 m, DK or Schuko	44 W	0.2 A	11 W/m
PlugIn 6.0 m, DK or Schuko	66 W	0.3 A	11 W/m
PlugIn 8.0 m, DK or Schuko	88 W	0.4 A	11 W/m
PlugIn 10.0 m, DK or Schuko	110 W	0.5 A	11 W/m
PlugIn 13.0 m, DK or Schuko	143 W	0.6 A	11 W/m
PlugIn 16.0 m, DK or Schuko	176 W	0.8 A	11 W/m
PlugIn 19.0 m, DK or Schuko	209 W	0.9 A	11 W/m
PlugIn 22.0 m, DK or Schuko	242 W	1.1 A	11 W/m
PlugIn 25.0 m, DK or Schuko	275 W	1.2 A	11 W/m
PlugIn 28.0 m, DK or Schuko	308 W	1.3 A	11 W/m
PlugIn 32.0 m, DK or Schuko	352 W	1.5 A	11 W/m
PlugIn 35.0 m, DK or Schuko	385 W	1.7 A	11 W/m
PlugIn 40.0 m, DK or Schuko	440 W	1.9 A	11 W/m
PlugIn 45.0 m, DK or Schuko	495 W	2.2 A	11 W/m
PlugIn 50.0 m, DK or Schuko	550 W	2.4 A	11 W/m

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