

FrostSafe Plus

Frost Safe Plus is designed for external frost protection of pipes, water pipes, drainage, sprinkler systems etc.

The product consists of a self-regulating heating cable 11 W/m mounted with a cold cable and a thermostat - easy to connect to 230 V socket outlets. The built-in thermostat is used exclusively as an on/off function - the thermostat does not control the temperature of the cable due to the fact that the cable is self-regulating.

The thermostat ensures that the cable is switched on when the temperature falls below about 3 °C, and when the outside temperature again is above about 13 °C the cable is turned off.

This means that the cable will not be using standby power throughout the warmer seasons of the year.

FrostSafe Plus provides a power of 11 W/m at 5 °C.

The installation is completed with an exterior insulation like for instance a pipe bowl – Please note that in order to get the correct reference point the thermostat must be placed underneath the insulation.



DK plug



Technical Data

Voltage	230 V ~ 50 Hz
Cable diameter	Ø8.0 x 5.0 mm
Insulation inner sheath	Yes
Authorisation	CE
Cable buildup	Self-limiting heating cable
Ground shield	Aluminium foil
Outer sheath	TPE overjacket
Max. temp. on cable	65 °C / 65 °C
Min. bend radius	35 mm
Warranty	3 years
Surrounding pressure	Maks. 4 bar
Cable installation temperatur	Min. 5 °C
Min. installation temperatur	-30 °C
Tolerance	-3 °C / +13 °C

FrostSafe Plus DK plug

Item	Type	Description	Power	Current	Effect watt (W/m)
43070014	HSeM11T-014	FrostSafe-Plus 1.4 m, DK plug	15 W	0.1 A	11 W/m
43070020	HSeM11T-020	FrostSafe-Plus 2.0 m, DK plug	22 W	0.1 A	11 W/m
43070030	HSeM11T-030	FrostSafe-Plus 3.0 m, DK plug	33 W	0.1 A	11 W/m
43070040	HSeM11T-040	FrostSafe-Plus 4.0 m, DK plug	44 W	0.2 A	11 W/m
43070060	HSeM11T-060	FrostSafe-Plus 6.0 m, DK plug	66 W	0.3 A	11 W/m
43070080	HSeM11T-080	FrostSafe-Plus 8.0 m, DK plug	88 W	0.4 A	11 W/m
43070100	HSeM11T-100	FrostSafe-Plus 10.0 m, DK plug	110 W	0.5 A	11 W/m
43070120	HSeM11T-120	FrostSafe-Plus 12.0 m DK plug	132 W	0.6 A	11 W/m
43070140	HSeM11T-140	FrostSafe-Plus 14.0 m, DK plug	154 W	0.7 A	11 W/m
43070160	HSeM11T-160	FrostSafe-Plus 16.0 m, DK plug	176 W	0.8 A	11 W/m
43070190	HSeM11T-190	FrostSafe-Plus 19.0 m, DK plug	209 W	0.9 A	11 W/m
43070220	HSeM11T-220	FrostSafe-Plus 22.0 m, DK plug	242 W	1.1 A	11 W/m
43070250	HSeM11T-250	FrostSafe-Plus 25.0 m, DK plug	275 W	1.2 A	11 W/m
43070280	HSeM11T-280	FrostSafe-Plus 28.0 m, DK plug	308 W	1.3 A	11 W/m
43070400	HSeM11T-400	FrostSafe-Plus 40.0 m, DK plug	440 W	1.9 A	11 W/m
43070450	HSeM11T-450	FrostSafe-Plus 45.0 m, DK plug	495 W	2.2 A	11 W/m
43070490	HSeM11T-490	FrostSafe-Plus 49.0 m, DK plug	539 W	2.3 A	11 W/m
43070500	HSeM11T-500	FrostSafe-Plus 50.0 m, DK plug	550 W	2.4 A	11 W/m
43070600	HSeM11T-600	FrostSafe-Plus 60.0 m, DK plug	660 W	2.9 A	11 W/m

FrostSafe Plus Schuko plug

Item	Type	Description	Power	Current	Effect watt (W/m)
43060014	HSeM11T-014	FrostSafe-Plus 1.4 m, Schuko	15 W	0.1 A	11 W/m
43060020	HSeM11T-020	FrostSafe-Plus 2.0 m, Schuko	22 W	0.1 A	11 W/m
43060030	HSeM11T-030	FrostSafe-Plus 3.0 m, Schuko	33 W	0.1 A	11 W/m
43060040	HSeM11T-040	FrostSafe-Plus 4.0 m, Schuko	44 W	0.2 A	11 W/m
43060060	HSeM11T-060	FrostSafe-Plus 6.0 m, Schuko	66 W	0.3 A	11 W/m
43060080	HSeM11T-080	FrostSafe-Plus 8.0 m, Schuko	88 W	0.4 A	11 W/m
43060100	HSeM11T-100	FrostSafe-Plus 10.0 m Schuko	110 W	0.5 A	11 W/m
43060120	HSeM11T-120	FrostSafe-Plus 12.0 m Schuko	132 W	0.6 A	11 W/m
43060140	HSeM11T-140	FrostSafe-Plus 14.0 m, Schuko	154 W	0.7 A	11 W/m
43060160	HSeM11T-160	FrostSafe-Plus 16.0 m, Schuko	176 W	0.8 A	11 W/m
43060190	HSeM11T-190	FrostSafe-Plus 19.0 m, Schuko	209 W	0.9 A	11 W/m
43060220	HSeM11T-220	FrostSafe-Plus 22.0 m, Schuko	242 W	1.1 A	11 W/m
43060250	HSeM11T-250	FrostSafe-Plus 25.0 m, Schuko	275 W	1.2 A	11 W/m
43060280	HSeM11T-280	FrostSafe-Plus 28.0 m, Schuko	308 W	1.3 A	11 W/m
43060400	HSeM11T-400	FrostSafe-Plus 40.0 m, Schuko	440 W	1.9 A	11 W/m
43060450	HSeM11T-450	FrostSafe-Plus 45.0 m, Schuko	495 W	2.2 A	11 W/m
43060490	HSeM11T-490	FrostSafe-Plus 49.0 m, Schuko	539 W	2.3 A	11 W/m
43060500	HSeM11T-500	FrostSafe-Plus 50.0 m, Schuko	550 W	2.4 A	11 W/m
43060600	HSeM11T-600	FrostSafe-Plus 60.0 m, Schuko	660 W	2.9 A	11 W/m