

2026 EDITION



DEVI ELECTRIC HEATING SYSTEMS

PRODUCT CATALOGUE

Floor heating mats & cables · Thermostats & controls · Frost protection, snow melting & pipe tracing ·
Installation materials



HEAT ZONE
ELECTRIC HEATING SOLUTIONS

heatzone.com.au

1800 519 654

WHO WE ARE

About Heat Zone

We supply DEVI floor heating products — from the highest quality floor heating manufacturer. DEVI is the industry leader in the floor heating field, with over 70 years of experience manufacturing high quality floor heating products.

20year warranty on
DEVI mats & cables**70+**years of DEVI
manufacturing experience**CAD**drawings & custom
engineered solutions**AUS**Australian owned —
Keilor East, Victoria

Distribution

01

We distribute DEVI electric heating products — mats, cables, thermostats, drum goods and installation materials — to installers, builders and homeowners.

Vision

02

Our vision is to provide high quality heating solutions while reducing our reliance on non-renewable energy sources.

Mission

03

To provide the best level of customer service through strong customer relations, efficient processes, top quality products, custom engineering solutions, technical support and installation advice.

Product & Service Portfolio

04

DEVI products are incredibly reliable, with warranties of up to 20 years. Following correct installation, you can expect a long life span with minimal maintenance. Our products can also provide an alternative energy storage solution and are a hypoallergenic form of heating.

Why Heat Zone?

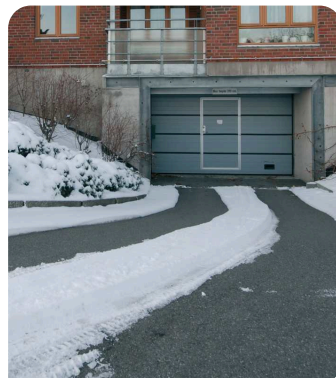
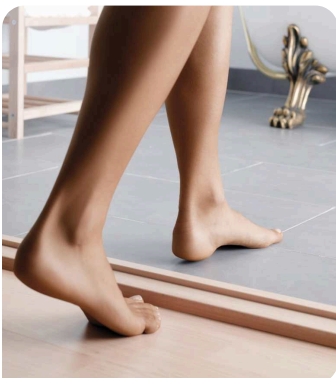
05

Great customer service, custom engineered solutions, quality products and tech support. The DEVI warranty can cover replacement of the product, the installation and the floor coverings it was installed under. We have years of experience with our products — and confidence in them.

Engineering Solutions

06

We can provide CAD drawings, installation drawings and as-built drawings for larger projects. Contact us for more details.



Ordering & pricing. Delivery charges may apply. Prices are subject to change. Call **1800 519 654** or email **info@heatzone.com.au** — Monday to Friday, 9am–5pm.



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Every page number is a link — click to jump straight to a product in the digital edition.

Product codes, specifications and warranty terms are supplied by DEVI / Danfoss and may change without notice.

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AT A GLANCE

Which product do I need?

A quick guide to the DEVI range. Choose a heating element for the floor or application, then pair it with a thermostat. Our team can help size the system — call **1800 519 654**.

Heating mats & cables

Product	Type	Typical application	Output	Warranty	Page
DEVI ^{mat} ™ 150T	Twin-conductor mat, 3.5 mm	Under tile, in screed, renovations	150 W/m ²	20 yr full	11
DEVI ^{comfort} ™ 150T	Twin-conductor mat, PVC sheath	Under tile, renovations	150 W/m ²	20 yr full	12
DEVI ^{heat} 150S	Single-conductor mat, 2.5 mm	Thinnest mat — under tile	150 W/m ²	20 yr full	13
DEVI ^{mat} ™ 100T	Twin-conductor mat, 3.5 mm	Under timber, carpet & vinyl (in screed)	100 W/m ²	20 yr full	14
DEVI ^{mat} ™ 200T	Twin-conductor mat, 3.5 mm	Under tile — higher output	200 W/m ²	20 yr full	15
DEVI ^{basic} 10S / 20S	Single-conductor cable	In screed, cold stores, pipe tracing	10 / 20 W/m	20 yr full	17
DEVI ^{flex} 10T	Twin-conductor cable	In screed under carpet, timber & vinyl	10 W/m	20 yr full	19
DEVI ^{flex} 18T	Twin-conductor cable	In screed, cold stores	18 W/m	20 yr full	20
DEVI ^{snow} 30T	Twin-conductor cable, UV stable	Snow melting — ground, roofs, gutters	30 W/m	20 yr full	21
DEVI ^{hotwatt}	Self-limiting cable	Hot water temperature maintenance	7–12 W/m	5 yr	31
DEVI ^{pipeguard}	Self-limiting cable	Frost protection of pipes	10–33 W/m	5 yr	33
DEVI ^{pipeheat} V2	Self-limiting cable	Frost protection of pipes	10 W/m	5 yr	34
DEVI ^{ceguard}	Self-limiting cable	Roofs, gutters & downpipes	18 W/m	5 yr	35
DEVI ^{pipeguard} Industry	Self-limiting, fluoropolymer	Industrial pipes up to 120 °C	30 / 60 W/m	5 yr	37
DEVI ^{cell} ™	Insulated aluminium plate	Dry install under timber & laminate	with DEVI ^{flex}	10 yr	40

Thermostats & controls

Product	Key features	Typical use	Page
DEVI ^{reg} ™ Touch	2" touch screen, programmable timer	Indoor floor heating	22
DEVI ^{reg} ™ Room	Bluetooth, app set-up, room or floor	Indoor floor heating	23
DEVI ^{reg} ™ Basic	Bluetooth, app set-up, floor sensing	Indoor floor heating	24
DEVI ^{reg} ™ 330	DIN rail, 3 temperature ranges	Frost protection, industrial	25
DEVI ^{reg} ™ Multi	DIN rail, 7 channels, Modbus / BMS	Commercial & multi-zone	26
DEVI ^{reg} ™ 850 IV	DIN rail, moisture + temperature	Snow & ice melting	28



FLOOR HEATING

Indoor Cable Floor Heating Systems

Complete systems

DEVI is the only global company in the industry that develops, produces and markets complete systems containing both heating cables and thermostats. Consequently, there is full harmony between the single components that make up our heating systems — which means high performance, optimum reliability and usability, and as a result, low energy consumption.

Intelligent heating systems

The main DEVI product is a complete heating system (heating cable or mat, thermostat and accessories). Energy efficiency and its intelligent use have been built into DEVI thermostats since the '90s — saving up to 30% of the electricity bill compared with an advanced electronic thermostat without a timer. DEVI intelligent thermostats are a world-leading example in intelligent electrical floor heating.

Optimal comfort

All heat moves upwards! This simple fact explains why a floor heating system provides more comfortable heat than a radiator system. A radiator provides convective air movement up to head height and ceiling, only for it to travel downwards and return as a cold draught around your feet.

DEVI's floor heating system, on the other hand, provides pleasant heat for your feet, body and head. As it produces only a very gentle upward air movement, the amount of travelling dust particles is reduced considerably — making the system a great asset to people suffering from allergies or asthma. It also minimises the presence of moisture at floor level.

Benefits

- ✓ Complete system — cable or mat, thermostat and accessories from one manufacturer
- ✓ Up to 30% saving on heating electricity with intelligent DEVI thermostats
- ✓ Comfortable, even heat from the floor up
- ✓ Less circulating dust — ideal for allergy and asthma sufferers
- ✓ Reduces moisture at floor level

**DOMESTIC HOT WATER**

Domestic Hot Water

Modern living requires buildings to have hot water available whenever and wherever needed — preferably immediately. Building regulations demand that domestic hot water systems ensure the best comfort and efficiency as well as Legionella control measures.

DEVIhotwatt™ systems ensure a continuous and reliable supply of Domestic Hot Water (DHW), with the possibility to disinfect. DEVIhotwatt™ is a self-limiting heating cable used for temperature maintenance of the hot water supply.

DEVIhotwatt™ systems complement domestic hot water systems and enable temperature control and disinfection, both for circulation systems and — uniquely — for single-pipe systems from source to tap.

Benefits

- ✓ Allows a single-pipe hot water system with thermally controlled, disinfected hot water at the tap
- ✓ Lower initial investment — electric pipe tracing without circulation needs fewer pipes, less insulation and less installation labour than a recirculating system
- ✓ Hot water at every tap, with savings where a circulating pipe system is unnecessary
- ✓ Reduces water waste — hot water arrives immediately
- ✓ Energy efficient
- ✓ Flexible and easy to install — cut to length on site and fitted directly on the pipe

**FROST HEAVE PROTECTION**

Cold Store Protection Systems

In cold stores, ice stadiums and similar facilities the temperature is always within the range of -20 to -30 °C. Cold leaks even if the floor is insulated properly, which means that materials in contact with the soil — such as foundations and floor areas — absorb the cold and let the ground freeze. Water contained in the soil changes volume when it turns into ice and can cause substantial damage through frost erosion.

Furthermore, where very cold dry air meets warm moist air, the moisture in the warm air may settle on cold surfaces and turn into ice. Ice causes unwanted freezing of elements such as cold store doors, gates and door frames, and can damage the door structure and weather stripping, stop the door closing tightly and increase energy consumption. Another problem in a refrigeration drainage system is condensation freezing, which prevents free water flow.

Frost heaving

As the soil temperature under a freezer drops below zero, the moisture in the soil freezes and expands significantly. This ice formation results in floor cracking and a change of elevation, or “heaving”. It can lift columns, push over foundation walls and rip open roofs. Almost all components of a cold store can be repaired while the space is still used for storage — but this doesn't apply to the floor. The problem cannot be solved by insulation alone.

Benefits

- ✓ Eliminates the risk of foundation damage
- ✓ Investment safety
- ✓ Reduced energy loss
- ✓ Safer working environment
- ✓ Power-saving solution
- ✓ Space saving
- ✓ Lower initial costs
- ✓ No environmental concerns
- ✓ Lowest cost of ownership



SPORTS FIELD HEATING

Sports Field Heating

Professional and international stadiums require a very high standard of playing surface.

It is important to eliminate the risk of poor playing conditions or cancellation, particularly those associated with poor weather such as heavy rain, ice and snow.

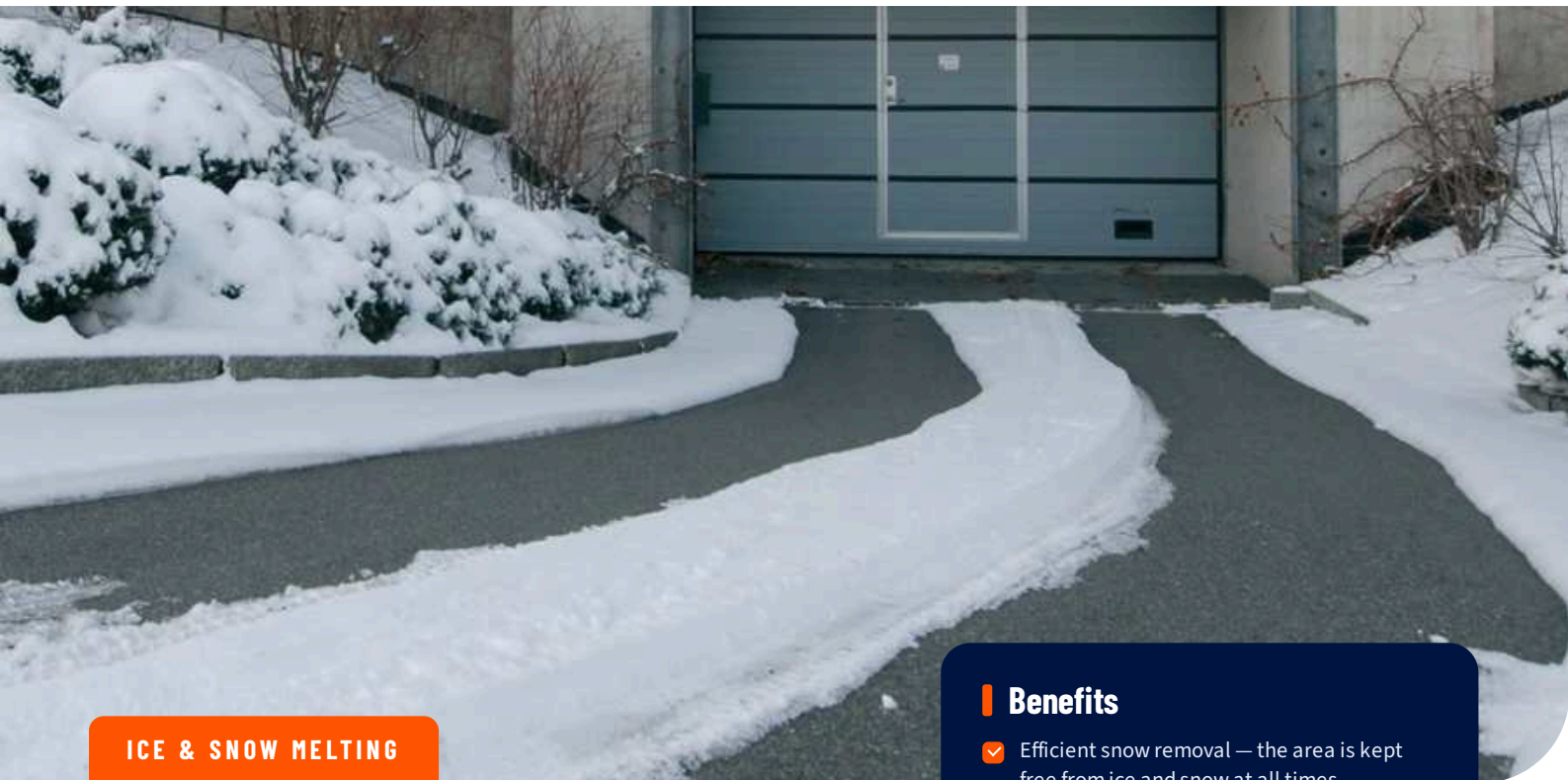
Pitch heating keeps the ground temperature at the appropriate level and helps maintain a good quality pitch through the whole season. DEVI offers a wide variety of heating cables and thermostats for installation in football fields, golf courses, cricket fields and other grounds where any kind of sport takes place.

Installing DEVI heating cables in natural turf ensures grass growth and helps prolong pitch usage by several months.

For bigger stadiums, the power needed to operate the cables can be easily achieved. Night lighting systems normally operate only when the field is in use, so it is simple to modify the wiring to provide power to the heating cables when the lights are switched off.

Benefits

- ✓ Keeps the pitch frost free — prolonging use through autumn
- ✓ Defrosts the pitch after a winter break — improving quality and making it playable earlier
- ✓ Reduces financial risk
- ✓ Increases safety — helps reduce injuries
- ✓ Increases usage — natural grass recovers faster after heavy use
- ✓ International standards — brings the pitch in line with FIFA's technical requirements
- ✓ Affordable, maintenance-free, reliable system
- ✓ Quick installation — 4 weeks or less to make a pitch playable again
- ✓ Experienced supplier



ICE & SNOW MELTING

Ice & Snow Melting

Winter weather is costly. In recent years there have been plenty of news stories about the human and financial costs of harsh winter weather: property damage, increased maintenance expenses, lost productivity, rising insurance premiums, personal injuries and worse. A DEVI Ice & Snow Melting System is a dependable solution to cold weather problems.

The system is designed to provide safety for people, vehicles and buildings — safe walking and driving during winter, and less damage to buildings. Its main purpose is to melt and remove snow and ice from ground surfaces. The most common applications are residential car parks, driveways, pavements, outdoor steps, loading platforms, ramps, bridges and drainage areas. It is even possible to melt snow and ice on mastic asphalt surfaces using special heating cables.

When heating cables are installed to melt snow or slippery ice on the ground, safety and cost saving go hand in hand.

Ground solutions — with a first-class product range

Using DEVI heating cables and mats controlled by electronic thermostats with moisture sensors, you can cost-effectively protect large areas such as car parks, ramps and pedestrian access to buildings — saving a lot of tiring, time-consuming manual work. These systems are the most energy efficient solution for ground ice and snow melting.

Benefits

- ✓ Efficient snow removal — the area is kept free from ice and snow at all times
- ✓ No manual snow clearing or salting
- ✓ Safe traffic and working areas
- ✓ Suits most common surface materials
- ✓ Lower outdoor surface repair costs after winter
- ✓ Protects the environment from salt and antifreeze damage
- ✓ Automatic, around-the-clock snow clearing
- ✓ Smart 2-zone control with low energy consumption
- ✓ PVC-free twin-conductor cables and mats
- ✓ Maintenance free, with a 20-year full warranty on cables

**VINEYARD FROST PROTECTION**

Protecting Vines Against Frost Damage

Electric heating is an energy efficient system that uses heating cables to protect vines against frost damage.

Every year, vine growers in many regions face the problem of late frosts. They often occur in spring, just as buds start to blossom, and are one of the greatest challenges vine growers face. Unheated vines can suffer considerable inflorescence damage (up to 50%), whereas heated vines have dramatically improved protection, reducing losses to approximately 13–20%.

Worldwide, the grape and wine industry relies on three main alternatives for frost protection: frost fans, sprinklers and candles. Electric heating solves the challenge with an energy efficient system of heating cables — a green (no direct CO₂ emissions), sustainable, lifetime solution that is highly economical thanks to low energy use during the frost period.

- Protected against chemical fertilisers
- Extremely high pulling strength (for tractors travelling along the rows while harvesting)
- Accurate power design (W) to suit requirements
- 5 or 20-year warranty

Please note: the system provides frost protection in spring, while buds are growing — it is not designed for use in winter.

Benefits

- ✓ Energy efficient electric heating cables
- ✓ Easy, fast and reliable installation
- ✓ Customised to each client — vineyard area and number of rows
- ✓ Proven high savings compared with existing methods
- ✓ Sustainable, low energy consumption during the frost period
- ✓ Tough outer sheath — resistant to weather and UV



Scan for more on vineyard frost protection

DEVImat™ 150T (DTIF-150)

DEVImat™ is an extremely high-quality, 360° fully screened, self-adhesive all-in-one mat with FEP insulated conductors and a red PVDF outer sheath (non UV stable). The round profile, low height (only 3.5 mm) and robust construction ensure a fast, simple and safe installation — perfect for renovating existing floors.

Features & applications

- ✓ Under tile / in screed applications
- ✓ Fast and easy to install
- ✓ Self-adhesive mesh
- ✓ Low height — only 3.5 mm
- ✓ Only one cold lead
- ✓ Long lifetime
- ✓ Maximum protection

DEVImat 150T Kit — includes mat, thermostat, cable alarm, floor sensor, sensor tube and AUS plate.



Specifications

Nominal voltage	230 V~
Construction	Twin conductor with 360° screening, one cold lead
Output	150 W/m ² @ 230 V~
Max. permissible use temperature, powered	115 °C
Max. permissible use temperature, unpowered	120 °C
Cable thickness	3.0 mm
Deformation strength	600 N
Pulling strength	120 N
Conductor insulation	FEP
Outer sheath	PVDF
Screen	100% coverage; alu-foil; 0.5 mm ² tinned copper drain wire
Cold lead	4 m DTWB, 2 x 1 mm ² with screen
Min. installation temperature	-5 °C
Bending Ø, min.	6 x cable diameter
IP class	IPX7
Set with flexpipe	Flexpipe, inner Ø 6.7 mm, outer Ø 10 mm, 2.5 m, black

Kit product codes

m ²	DEVireg Basic	DEVireg Room	DEVireg Touch	DEVireg Display Connect
0.5	150T05B	150T05R	150T05TUM	150T05DC
1.0	150T10B	150T10R	150T10TUM	150T10DC
1.5	150T15B	150T15R	150T15TUM	150T15DC
2.0	150T20B	150T20R	150T20TUM	150T20DC
2.5	150T25B	150T25R	150T25TUM	150T25DC
3.0	150T30B	150T30R	150T30TUM	150T30DC
3.5	150T35B	150T35R	150T35TUM	150T35DC
4.0	150T40B	150T40R	150T40TUM	150T40DC
5.0	150T50B	150T50R	150T50TUM	150T50DC
6.0	150T60B	150T60R	150T60TUM	150T60DC
7.0	150T70B	150T70R	150T70TUM	150T70DC
8.0	150T80B	150T80R	150T80TUM	150T80DC
9.0	150T90B	150T90R	150T90TUM	150T90DC
10.0	150T100B	150T100R	150T100TUM	150T100DC
12.0	150T120B	150T120R	150T120TUM	150T120DC

Kit codes by thermostat. m² = heated area of the mat.

DEVlcomfort™ 150T

DEVlcomfort™ is an extremely high-quality, 360° fully screened twin-conductor self-adhesive all-in-one mat with a tough red PVC outer sheath (non UV stable). Its round profile, robust construction and low height ensure a fast, simple and safe installation, perfect for renovating existing floors.

Features & applications

- ✓ Fast and easy to install
- ✓ Self-adhesive mesh
- ✓ Low height
- ✓ Only one cold lead
- ✓ Long lifetime
- ✓ Maximum protection

DEVlcomfort 150T Kit — includes mat, thermostat, cable alarm, floor sensor, sensor tube and AUS plate.



Standard compliance

- IEC 60335-1: 2012 (with amendments)
- IEC 60335-2-96: 2002 (with amendments)

Specifications

Nominal voltage	230 V~
Construction	Round, twin conductor with 360° screen, one cold lead
Output	150 W/m² @ 230 V~
Max. permissible use temperature, powered	85 °C
Max. permissible use temperature, unpowered	90 °C
Cable thickness	4 mm
Deformation strength	600 N
Pulling strength	120 N
Conductor insulation	FEP
Outer sheath	PVC
Screen	100% coverage; alu-foil; 0.5 mm² tinned copper drain wire
Cold lead	2.3 m DTWB, 2 x 1.0 mm², with screen
Min. installation temperature	-5 °C
Bending Ø, min.	5 cm
IP class	IPX7
Set with flexpipe	Flexpipe, inner Ø 6.7 mm, outer Ø 10 mm, 2.5 m, black

Kit product codes

m²	DEVlreg Basic	DEVlreg Room	DEVlreg Touch	DEVlreg Display Connect
0.5	150TC05B	150TC05R	150TC05TUM	150TC05DC
1.0	150TC10B	150TC10R	150TC10TUM	150TC10DC
1.5	150TC15B	150TC15R	150TC15TUM	150TC15DC
2.0	150TC20B	150TC20R	150TC20TUM	150TC20DC
2.5	150TC25B	150TC25R	150TC25TUM	150TC25DC
3.0	150TC30B	150TC30R	150TC30TUM	150TC30DC
3.5	150TC35B	150TC35R	150TC35TUM	150TC35DC
4.0	150TC40B	150TC40R	150TC40TUM	150TC40DC
5.0	150TC50B	150TC50R	150TC50TUM	150TC50DC
6.0	150TC60B	150TC60R	150TC60TUM	150TC60DC
7.0	150TC70B	150TC70R	150TC70TUM	150TC70DC
8.0	150TC80B	150TC80R	150TC80TUM	150TC80DC
9.0	150TC90B	150TC90R	150TC90TUM	150TC90DC
10.0	150TC100B	150TC100R	150TC100TUM	150TC100DC
12.0	150TC120B	150TC120R	150TC120TUM	150TC120DC

Kit codes by thermostat. m² = heated area of the mat.

The heating mat must be used with an appropriate thermostat to protect against overheating and reduce energy consumption. The cold lead is an installation cable with solid conductors for fast installation, and a clearly visible connection avoids accidentally installing the heated cable in the wall. To ensure a long lifetime, every cable is inspected — including tests for ohmic resistance, high voltage and materials — which is why we are proud to supply the full floor extended DEVlarranty™.

DEVIheat™ 150S

DEVIheat™ is a high-quality, braided-screen, self-adhesive all-in-one mat with FEP insulated conductors and a red PVDF outer sheath (non UV stable). The round profile, very low height (only 2.5 mm) and robust construction ensure a fast, simple and safe installation — perfect for renovating existing floors.

Features & applications

- ✓ Thinnest mat on the market
- ✓ Under tile / in screed applications
- ✓ Fast and easy to install
- ✓ Self-adhesive mesh
- ✓ Very low height — only 2.5 mm
- ✓ Long lifetime



Specifications

Nominal voltage	230 V~
Construction	Round, single conductor with screen, two cold leads
Output	150 W/m ² @ 230 V~
Max. permissible use temperature, powered	110 °C
Max. permissible use temperature, unpowered	120 °C
Cable thickness	2.5 mm
Deformation strength	600 N
Pulling strength	120 N
Conductor insulation	FEP
Outer sheath	PVDF
Screen	10 x Cu threads
Cold lead	2 x 3 m, DSWB, 1 x 1.0 mm ² , earthed
Min. installation temperature	-5 °C
Bending Ø, min.	6 x cable diameter
IP class	IPX7
Set with flexpipe	Flexpipe, inner Ø 6.7 mm, outer Ø 10 mm, 2.5 m, black

Kit product codes

m ²	DEVireg Basic	DEVireg Room	DEVireg Touch	DEVireg Display Connect
0.5	150SC05B	150S05R	150S05TUM	150S05DC
1.0	150S10B	150S10R	150S10TUM	150S10DC
1.5	150S15B	150S15R	150S15TUM	150S15DC
2.0	150S20B	150S20R	150S20TUM	150S20DC
2.5	150S25B	150S25R	150S25TUM	150S25DC
3.0	150S30B	150S30R	150S30TUM	150S30DC
3.5	150S35B	150S35R	150S35TUM	150S35DC
4.0	150S40B	150S40R	150S40TUM	150S40DC
5.0	150S50B	150S50R	150S50TUM	150S50DC
6.0	150S60B	150S60R	150S60TUM	150S60DC
7.0	150S70B	150S70R	150S70TUM	150S70DC
8.0	150S80B	150S80R	150S80TUM	150S80DC
9.0	150S90B	150S90R	150S90TUM	150S90DC
10.0	150S100B	150S100R	150S100TUM	150S100DC

Kit codes by thermostat. m² = heated area of the mat.

DEVImat™ 100T (DTIF-100)

DEVImat™ is an extremely high-quality, 360° fully screened, self-adhesive all-in-one mat with FEP insulated conductors and a red PVDF outer sheath (non UV stable). The round profile, low height (only 3.5 mm) and robust construction ensure a fast, simple and safe installation — perfect for renovating existing floors.

Features & applications

- ✓ Under tile / in screed applications
- ✓ Fast and easy to install
- ✓ Self-adhesive mesh
- ✓ Low height — only 3.5 mm
- ✓ Only one cold lead
- ✓ Long lifetime
- ✓ Maximum protection
- ✓ Suitable for under timber, carpet & vinyl (in screed applications)



Specifications

Nominal voltage	230 V~
Construction	Twin conductor with 360° screening, one cold lead
Output	100 W/m² @ 230 V~
Max. permissible use temperature, powered	115 °C
Max. permissible use temperature, unpowered	120 °C
Cable thickness	3.0 mm
Deformation strength	600 N
Pulling strength	120 N
Conductor insulation	FEP
Outer sheath	PVDF
Screen	100% coverage; alu-foil; 0.5 mm² tinned copper drain wire
Cold lead	4 m DTWB, 2 x 1 mm² with screen
Min. installation temperature	-5 °C
Bending Ø, min.	6 x cable diameter
IP class	IPX7
Set with flexpipe	Flexpipe, inner Ø 6.7 mm, outer Ø 10 mm, 2.5 m, black

Product codes

Product code	Output @ 230 V~	Size (W x L)	Heated area	Resistance
140F0415	100 W	0.5 x 2 m	1.0 m²	529 Ω
140F0416	150 W	0.5 x 3 m	1.5 m²	353 Ω
140F0417	200 W	0.5 x 4 m	2.0 m²	265 Ω
140F0418	250 W	0.5 x 5 m	2.5 m²	212 Ω
140F0419	300 W	0.5 x 6 m	3.0 m²	176 Ω
140F0420	350 W	0.5 x 7 m	3.5 m²	151 Ω
140F0421	400 W	0.5 x 8 m	4.0 m²	132 Ω
140F0422	500 W	0.5 x 10 m	5.0 m²	106 Ω
140F0423	600 W	0.5 x 12 m	6.0 m²	88 Ω
140F0424	700 W	0.5 x 14 m	7.0 m²	76 Ω
140F0425	800 W	0.5 x 16 m	8.0 m²	66 Ω
140F0426	900 W	0.5 x 18 m	9.0 m²	59 Ω
140F0427	1000 W	0.5 x 20 m	10.0 m²	53 Ω
140F0428	1200 W	0.5 x 24 m	12.0 m²	44 Ω

DEVImat™ 200T (DTIF-200)

DEVImat™ is an extremely high-quality, 360° fully screened, self-adhesive all-in-one mat with FEP insulated conductors and a red PVDF outer sheath (non UV stable). The round profile, low height (only 3.5 mm) and robust construction ensure a fast, simple and safe installation — perfect for renovating existing floors.

Features & applications

- ✓ Under tile / in screed applications
- ✓ Fast and easy to install
- ✓ Self-adhesive mesh
- ✓ Low height — only 3.5 mm
- ✓ Only one cold lead
- ✓ Long lifetime
- ✓ Maximum protection



Specifications

Nominal voltage	230 V~
Construction	Twin conductor with 360° screening, one cold lead
Output	200 W/m ² @ 230 V~
Max. permissible use temperature, powered	115 °C
Max. permissible use temperature, unpowered	120 °C
Cable thickness	3.0 mm
Deformation strength	600 N
Pulling strength	120 N
Conductor insulation	FEP
Outer sheath	PVDF
Screen	100% coverage; alu-foil; 0.5 mm ² tinned copper drain wire
Cold lead	4 m DTWB, 2 x 1 mm ² with screen
Min. installation temperature	-5 °C
Bending Ø, min.	6 x cable diameter
IP class	IPX7
Set with flexpipe	Flexpipe, inner Ø 6.7 mm, outer Ø 10 mm, 2.5 m, black

Product codes

Product code	Output @ 230 V~	Size (W x L)	Heated area	Resistance
140F1735	87 W	0.5 x 0.9 m	0.45 m ²	608 Ω
83020736	215 W	0.5 x 2.1 m	1.05 m ²	246 Ω
83020737	285 W	0.5 x 2.9 m	1.45 m ²	186 Ω
83020738	430 W	0.5 x 4.2 m	2.10 m ²	123 Ω
83020739	500 W	0.5 x 5.0 m	2.50 m ²	106 Ω
83020740	605 W	0.5 x 6.2 m	3.10 m ²	87 Ω
140F1735	695 W	0.5 x 6.9 m	3.45 m ²	76 Ω
83020742	845 W	0.5 x 8.6 m	4.30 m ²	63 Ω
83020743	990 W	0.5 x 9.9 m	4.95 m ²	53 Ω
83020744	1210 W	0.5 x 12.2 m	6.10 m ²	44 Ω
140F1737	1385 W	0.5 x 14.0 m	7.00 m ²	38 Ω
140F1738	1565 W	0.5 x 15.6 m	7.80 m ²	34 Ω
140F1739	1715 W	0.5 x 17.6 m	8.80 m ²	31 Ω
83020748	2070 W	0.5 x 21.0 m	10.50 m ²	26 Ω

INDOOR FLOOR HEATING

Floor constructions & suitable heating cables or mats

Talk to our team about the right heating element, output and insulation for your floor build-up.



DEVlbasic™ 10S

DEVlbasic™ is a high-quality, braided-screen, single-conductor cable with a non UV stable outer sheath. Its round profile and robust construction ensure a fast, simple and safe installation in multiple indoor, outdoor and pipe tracing applications. We are proud to supply our full floor extended DEVlwarranty™.

Features & applications

- ✓ In-screed under carpet
- ✓ Cold store applications
- ✓ Easy to install
- ✓ Multiple application options
- ✓ Safe & robust
- ✓ Long lifetime
- ✓ IEC 60800:1992



Specifications

Construction	Round, single conductor with screen, 2 x cold lead
Max. permissible use temperature, powered	75 °C
Max. permissible use temperature, unpowered	90 °C
Cable dimensions	Ø 5.5 mm
Deformation strength	600 N
Pulling strength	120 N
Conductor insulation	XLPE
Outer sheath	PVC
Screen	16 x 0.3 mm Cu (1 mm ²)
Cold lead	2 x 3 m DSWA, single conductor with screen
Min. installation temperature	-5 °C
Bending Ø, min.	6 x cable diameter
IP class	IPX7

Product codes

Product code	Length	Output @ 230 V	Resistance (Ω)	Cold lead
84001500	21 m	202 W	261.9	1 x 1.5 mm ²
84001505	26 m	268 W	197.4	1 x 1.5 mm ²
84001510	30 m	299 W	176.9	1 x 1.5 mm ²
84001515	37 m	376 W	140.7	1 x 1.5 mm ²
84001520	46 m	446 W	118.6	1 x 1.5 mm ²
84001525	50 m	501 W	105.6	1 x 1.5 mm ²
84001530	58 m	570 W	92.8	1 x 1.5 mm ²
84001535	66 m	668 W	79.2	1 x 1.5 mm ²
84001540	77 m	763 W	69.3	1 x 1.5 mm ²
84001545	90 m	904 W	58.5	1 x 1.5 mm ²
84001550	103 m	1027 W	51.5	1 x 1.5 mm ²
84001555	114 m	1133 W	46.7	1 x 1.5 mm ²
84001560	125 m	1245 W	42.5	1 x 1.5 mm ²
84001565	140 m	1400 W	37.8	1 x 1.5 mm ²
84001570	159 m	1584 W	33.4	1 x 1.5 mm ²
84001575	170 m	1707 W	31.0	1 x 1.5 mm ²
84001580	188 m	1876 W	28.2	1 x 1.5 mm ²
84001585	230 m	2300 W	23.0	1 x 2.5 mm ²
84001590	275 m	2741 W	19.3	1 x 2.5 mm ²
84001595	325 m	3245 W	16.3	1 x 4.0 mm ²
84001600	407 m	4069 W	13.0	1 x 4.0 mm ²

DEVbasic™ 20S

DEVbasic™ is a high-quality, braided-screen, single-conductor cable with a non UV stable outer sheath. Its round profile and robust construction ensure a fast, simple and safe installation in multiple indoor, outdoor and pipe tracing applications. We are proud to supply our full floor extended DEVlwarranty™.

Features & applications

- ✓ In-screed under carpet
- ✓ Cold store applications
- ✓ Easy to install
- ✓ Multiple application options
- ✓ Safe & robust
- ✓ Long lifetime
- ✓ IEC 60800:1992



Specifications

Construction	Round, single conductor with screen, 2 x cold lead
Max. permissible use temperature, powered	60 °C
Max. permissible use temperature, unpowered	90 °C
Cable dimensions	Ø 5.5 mm
Deformation strength	600 N
Pulling strength	120 N
Conductor insulation	XLPE
Outer sheath	PVC
Screen	16 x 0.3 mm Cu (1 mm ²)
Cold lead	2 x 3 m DSWA, single conductor with screen
Min. installation temperature	-5 °C
Bending Ø, min.	6 x cable diameter
IP class	IPX7

Product codes

Product code	Length	Output @ 230 V	Resistance (Ω)	Cold lead
140F0260	9 m	170 W	347.3	1 x 1.5 mm ²
140F0215	14 m	260 W	203.5	1 x 1.5 mm ²
140F0216	18 m	375 W	141.1	1 x 1.5 mm ²
140F0217	26 m	520 W	101.7	1 x 1.5 mm ²
140F0218	32 m	640 W	82.7	1 x 1.5 mm ²
140F0219	39 m	800 W	66.1	1 x 1.5 mm ²
140F0220	53 m	1070 W	49.4	1 x 1.5 mm ²
140F0221	63 m	1260 W	42.0	1 x 1.5 mm ²
140F0222	74 m	1465 W	36.1	1 x 1.5 mm ²
140F0223	91 m	1820 W	29.1	1 x 1.5 mm ²
140F0224	110 m	2215 W	23.9	1 x 1.5 mm ²
140F0225	131 m	2640 W	20.0	1 x 2.5 mm ²
140F0226	159 m	3170 W	16.7	1 x 2.5 mm ²
140F0227	192 m	3855 W	13.7	1 x 2.5 mm ²
140F0228	228 m	4565 W	11.6	1 x 4.0 mm ²

DEVIflex™ 10T

DEVIflex™ is an extremely high-quality, 360° fully screened twin-conductor cable with a tough outer sheath (non UV stable). Its round profile and robust construction ensure a fast, simple and safe installation in multiple indoor floor constructions and pipe tracing applications.

Features & applications

- ✓ Suitable for in-screed under carpet, timber & vinyl
- ✓ Fast and easy to install
- ✓ Multiple application options
- ✓ Safe and robust
- ✓ Long lifetime
- ✓ Maximum protection
- ✓ IEC 60800:2009



Specifications

Nominal voltage	230 V~
Construction	Round, twin conductor with 360° screen, one cold lead
Output	10 W/m @ 230 V~
Max. permissible use temperature, powered	75 °C
Max. permissible use temperature, unpowered	90 °C
Cable dimensions	Ø 6.9 mm
Deformation strength	>1500 N
Pulling strength	>500 N
Conductor insulation	XLPE
Outer sheath	PVC, red
Screen	100% coverage; alu-foil; 0.5 mm ² tinned copper drain wire
Min. installation temperature	-5 °C
Bending Ø, min.	6 x cable diameter

Product codes

Product code	Length	Output @ 230 V	Resistance (Ω)	Cold lead
140F1215	2 m	20 W	2646.0	3 x 1.5 mm ²
140F1216	4 m	40 W	1324.0	3 x 1.5 mm ²
140F1217	6 m	60 W	882.0	3 x 1.5 mm ²
140F1218	8 m	80 W	660.8	3 x 1.5 mm ²
140F1219	10 m	100 W	529.0	3 x 1.5 mm ²
140F1407	15 m	135 W	403.5	3 x 1.5 mm ²
140F1220	20 m	205 W	260.0	3 x 1.5 mm ²
140F1408	25 m	240 W	219.5	3 x 1.5 mm ²
140F1221	30 m	290 W	183.0	3 x 1.5 mm ²
140F1409	35 m	365 W	145.0	3 x 1.5 mm ²
140F1222	40 m	390 W	136.0	3 x 1.5 mm ²
140F1223	50 m	505 W	105.0	3 x 1.5 mm ²
140F1224	60 m	600 W	88.2	3 x 1.5 mm ²
140F1225	70 m	695 W	76.3	3 x 1.5 mm ²
140F1226	80 m	790 W	66.9	3 x 1.5 mm ²
140F1227	90 m	920 W	57.4	3 x 1.5 mm ²
140F1228	100 m	990 W	53.4	3 x 1.5 mm ²
140F1229	120 m	1220 W	43.4	3 x 1.5 mm ²
140F1230	140 m	1410 W	37.5	3 x 1.5 mm ²
140F1231	160 m	1575 W	33.6	3 x 1.5 mm ²
140F1232	180 m	1760 W	30.1	3 x 2.5 mm ²
140F1233	200 m	1990 W	26.6	3 x 2.5 mm ²
140F1234	210 m	2050 W	25.8	3 x 2.5 mm ²

DEViflex™ 18T

DEViflex™ is an extremely high-quality, 360° fully screened twin-conductor cable with a tough outer sheath (non UV stable). Its round profile and robust construction ensure a fast, simple and safe installation in multiple indoor floor constructions and pipe tracing applications.

Features & applications

- ✓ Suitable for in-screed under carpet, cold stores
- ✓ Fast and easy to install
- ✓ Multiple application options
- ✓ Safe and robust
- ✓ Long lifetime
- ✓ Maximum protection
- ✓ IEC 60800:2009

Specifications

Nominal voltage	230 V~
Construction	Round, twin conductor with 360° screen, one cold lead
Output	18 W/m @ 230 V~
Max. permissible use temperature, powered	60 °C
Max. permissible use temperature, unpowered	90 °C
Cable dimensions	Ø 6.9 mm
Deformation strength	>1500 N
Pulling strength	>500 N
Conductor insulation	XLPE
Outer sheath	PVC, red
Screen	100% coverage; alu-foil; 0.5 mm ² tinned copper drain wire
Min. installation temperature	-5 °C
Bending Ø, min.	6 x cable diameter
IP class	IPX7



✓ Product ✓ Installation ✓ Floor/Surface

Kit product codes

Length (m)	DEVireg Basic	DEVireg Room	DEVireg Touch	DEVireg Display Connect
7.3	18T073B	18T073R	18T073TUM	18T073DC
10	18T10B	18T10R	18T10TUM	18T10DC
12	18T12B	18T12R	18T12TUM	18T12DC
15	18T15B	18T15R	18T15TUM	18T15DC
17	18T17B	18T17R	18T17TUM	18T17DC
22	18T22B	18T22R	18T22TUM	18T22DC
29	18T29B	18T29R	18T29TUM	18T29DC
34	18T34B	18T34R	18T34TUM	18T34DC
37	18T37B	18T37R	18T37TUM	18T37DC
44	18T44B	18T44R	18T44TUM	18T44DC
52	18T52B	18T52R	18T52TUM	18T52DC
54	18T54B	18T54R	18T54TUM	18T54DC
59	18T59B	18T59R	18T59TUM	18T59DC
68	18T68B	18T68R	18T68TUM	18T68DC
74	18T74B	18T74R	18T74TUM	18T74DC
82	18T82B	18T82R	18T82TUM	18T82DC
90	18T90B	18T90R	18T90TUM	18T90DC
118	18T118B	18T118R	18T118TUM	18T118DC
131	18T131B	18T131R	18T131TUM	18T131DC
155	18T155B	18T155R	18T155TUM	18T155DC
170	18T170B	18T170R	18T170TUM	18T170DC

Kit codes by thermostat. Length = cable length in metres.

DEVIsnow™ 30T

DEVIsnow™ is an extremely high-quality, 360° fully screened twin-conductor cable with a tough black PVC outer sheath (UV stable) and cold lead. Its round profile and robust construction ensure a fast, simple and safe installation on roofs, in gutters, down drainpipes and on the ground.

Features & applications

- ✓ In-slab applications
- ✓ Fast and easy to install
- ✓ Multiple outdoor applications
- ✓ Safe & robust
- ✓ Long lifetime
- ✓ Maximum protection
- ✓ UV stable
- ✓ IEC 60800:2009



Specifications

Nominal voltage	230 V~
Construction	Twin conductor with 360° screening, one cold lead
Output	30 W/m
Max. permissible use temperature, powered	60 °C
Max. permissible use temperature, unpowered	90 °C
Cable diameter	7 mm
Deformation strength	>1500 N
Pulling strength	>300 N
Conductor insulation	FEP
Outer sheath	UV protected PVC
Screen	0.5 mm ² Cu, 100% alu-foil
Min. installation temperature	-5 °C
Bending Ø, min.	6 x cable diameter
IP class	IPX7

Product codes

Product code	Output @ 230 V	Resistance (Ω)	Length	Cold lead (2.3 m)
89845995	150 W	352.7	5 m	2 x 1.5 mm ²
89846000	300 W	176.3	10 m	2 x 1.5 mm ²
89846002	400 W	132.3	14 m	2 x 1.5 mm ²
89846004	630 W	84.0	20 m	2 x 1.5 mm ²
89846006	830 W	63.7	27 m	2 x 1.5 mm ²
89846008	1020 W	51.9	34 m	2 x 1.5 mm ²
89846010	1250 W	42.3	40 m	2 x 1.5 mm ²
89846012	1350 W	39.2	45 m	2 x 1.5 mm ²
89846014	1440 W	36.7	50 m	2 x 1.5 mm ²
89846016	1700 W	31.1	55 m	2 x 1.5 mm ²
89846018	1860 W	28.4	63 m	2 x 1.5 mm ²
89846020	2060 W	25.7	70 m	2 x 1.5 mm ²
89846022	2340 W	22.3	78 m	2 x 1.5 mm ²
89846024	2420 W	21.9	85 m	2 x 1.5 mm ²
89846026	2930 W	18.1	95 m	2 x 1.5 mm ²
89846028	3290 W	16.1	110 m	2 x 2.5 mm ²
89846030	3680 W	14.4	125 m	2 x 2.5 mm ²
89846032	4110 W	12.9	140 m	2 x 2.5 mm ²

DEVIreg™ Touch

DEVIreg™ Touch is an intuitive programmable timer thermostat for controlling electric floor heating elements. Designed for fixed installation only, its 2-part construction fits a wide range of frames and sensors. It is fast and intuitive to set up using the built-in wizard, and its energy-saving program — including optimum start/end control — ensures the desired temperature at the correct time, reducing heating costs.

Features & applications

- ✓ Big 2" touch screen
- ✓ Built-in set-up wizard
- ✓ Easy and intuitive functions
- ✓ Adaptive PWM function
- ✓ Fits several single and multiple frames
- ✓ Fits several competitor NTC sensors
- ✓ Digital timer (2-period programming)
- ✓ Easy online troubleshooting

Specifications

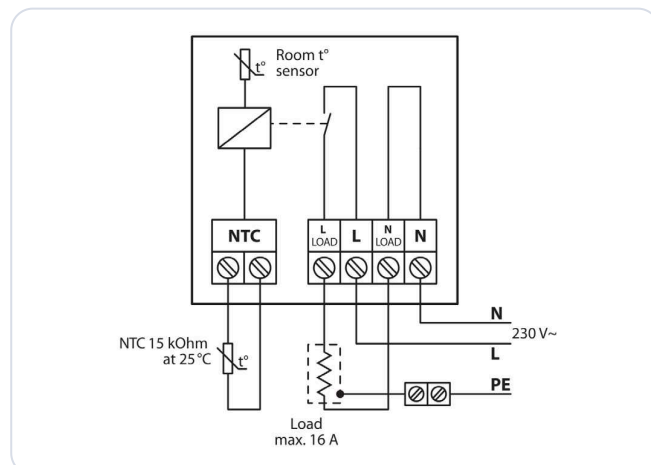
Operation voltage	220–240 V~, 50/60 Hz
Standby power consumption	max. 0.40 W
Relay: resistive load	16 A / 3680 W @ 230 V
Relay: inductive load	cos ϕ = 0.3, max. 1 A
Sensing unit	NTC 15 k Ω @ 25 °C, 3 m (default) NTC 10 / 6.8 / 33 / 12 / 47 k Ω @ 25 °C
Regulation	PWM — Pulse Width Modulation
Ambient temperature	0 °C to 30 °C
Frost protection	5 °C to 9 °C (default 5 °C)
Floor temperature limit	Max. 20 °C to 35 °C (45 °C) Min. 10 °C to 35 °C (45 °C)
Temperature range	5 °C to 35 °C (room) 5 °C to 35 °C (45 °C with break-out) (floor)
Storage temperature	-20 °C to 65 °C
Cable specification, max.	1 x 4 mm ² or 2 x 2.5 mm ²
Ball pressure test temperature	75 °C
Pollution degree	2 (domestic use)
Controller type	1C
Software class	A
IP class	21
Protection class	Class II
Dimensions (H/W/D)	85 x 85 x 20–24 mm (in-wall depth 22 mm)



Product codes

Product code	Product name
140F1064	DEVIreg Touch Design Frame Pure White
140F1065	DEVIreg Touch Frameless
140F1068	DEVIreg Touch CN/HR/HU/NL/ES/PT/GB
140F1069	DEVIreg Touch Pure Black
140F1071	DEVIreg Touch Polar White
140F1078	DEVIreg Touch Ivory
140F1067	DEVIreg Touch Frame Pure White
STDSURNDBLK	Surround plate for DEVIreg Touch — Black (new & improved design)
STDSURNDWHT	Surround plate for DEVIreg Touch — Pure White (new & improved design)
STDSURNDPOL	Surround plate for DEVIreg Touch — Polar White (new & improved design)

Wiring diagram



DEVireg™ Room

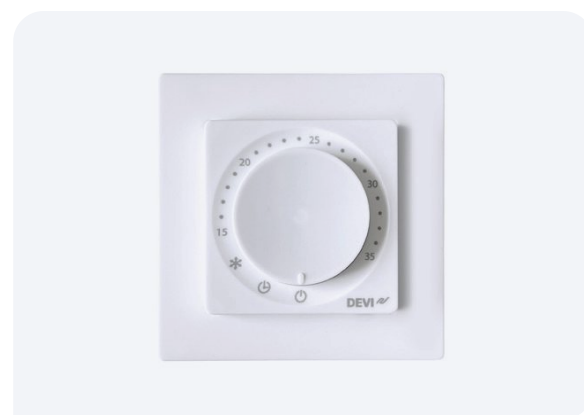
DEVireg™ Room is an intuitive programmable timer thermostat for combined room or floor temperature control, complying with Ecodesign Lot 20. Designed for fixed installation only, its special 2-part construction fits a wide range of frames. A dial gives manual temperature setting, feature enabling and intuitive control, and set-up is fast using the in-app wizard. Its energy-saving program — including optimum start (pre-heat) with a wide range of floor sensors — ensures the desired temperature at the correct time, significantly reducing heating costs.

Features & applications

- ✓ Ecodesign Lot 20 compliant
- ✓ Works out of the box
- ✓ Bluetooth thermostat
- ✓ In-app set-up wizard
- ✓ Fits an extensive frame selection
- ✓ Compatible with 7 sensor types
- ✓ Sensor failure monitoring
- ✓ Adaptive PWM control
- ✓ Pre-heating
- ✓ Multilanguage app
- ✓ Shine-through indicators
- ✓ Quick exchange system
- ✓ Multiple control modes
- ✓ Tested best-in-class design

Specifications

Nominal voltage	220–240 V~, 50/60 Hz
Standby power consumption, max.	0.2 W
Relay: resistive load	16 A / 3680 W @ 230 V
Relay: inductive load	cos ϕ = 0.3, max. 1 A
Compatible sensors	NTC 15 k Ω @ 25 °C, 3 m (default) NTC 2 / 6.8 / 10 / 12 / 33 / 47 k Ω @ 25 °C
Regulation	PWM — Pulse Width Modulation
Frost protection	4 °C to 14 °C (default 5 °C)
Temperature range	15 °C to 35 °C (room) 5 °C to 35 °C (45 °C with break-out) (floor)
Cable specification for connector terminals	Max. 1 x 4 mm ² or 2 x 2.5 mm ²
Ball pressure test	75 °C
Pollution degree	2 (domestic use)
Software class	A
Controller type	1B
Storage temperature and conditions	-25 °C to 60 °C, 90% RH non-condensing
Operating temperatures and conditions	0 °C to 35 °C, 90% RH non-condensing
IP class	21
Protection class	Class II
Immunity against voltage surges	Over Voltage Category III
Battery type	Coin battery, manganese lithium
Dimensions (H/W/D)	85 x 85 x 20–24 mm (in-wall depth 22 mm)
Weight, net	204 g
Battery back-up time, min.	1 hour



Product code

Product code	Product name	Type
140F1161	DEVireg™ Room	Ecodesign programmable room thermostat with NTC 15 k Ω @ 25 °C, 3 m sensor in box

Standard compliance — Radio Equipment Directive

- LVD 60730-1, -2-7 and -2-9
- EMC EN 301 489-1 and -17
- RF EN 300 328



Scan to download the DEVI app and set up your thermostat

DEVIreg™ Basic

DEVIreg™ Basic is an intuitive programmable timer thermostat for floor temperature control, complying with Ecodesign Lot 20, for controlling electric floor heating elements. Designed for fixed installation only, its special 2-part construction fits a wide range of 55 x 55 mm frames. A dial gives manual temperature setting, feature enabling and intuitive control, and set-up is fast using the in-app wizard. Its energy-saving program — including optimum start (pre-heat) control — ensures the desired temperature at the correct time, significantly reducing heating costs.

Features & applications

- ✓ Ecodesign Lot 20 compliant
- ✓ Works out of the box
- ✓ Bluetooth thermostat
- ✓ In-app set-up wizard
- ✓ Fits multiple 55 x 55 frames
- ✓ 7-day, 3-period programmable
- ✓ Sensor failure monitoring
- ✓ Adaptive PWM control
- ✓ Pre-heating
- ✓ Multilanguage app
- ✓ Shine-through indicators
- ✓ Quick exchange system
- ✓ Tested best-in-class design

Specifications

Nominal voltage	220–240 V, 50/60 Hz
Standby power consumption, max.	0.2 W
Relay: resistive load	16 A / 3680 W @ 230 V
Relay: inductive load	cos ϕ = 0.3, max. 1 A
Compatible sensors	NTC 15 k Ω @ 25 °C, 3 m (default)
Regulation	PWM — Pulse Width Modulation
Frost protection	4 °C to 14 °C (default 5 °C)
Temperature range	5 °C to 35 °C (45 °C with break-out) (floor)
Cable specification for connector terminals	Max. 1 x 4 mm ² or 2 x 2.5 mm ²
Ball pressure test	75 °C
Pollution degree	2 (domestic use)
Software class	A
Controller type	1B
Storage temperature and conditions	-25 °C to 60 °C, 90% RH non-condensing
Operating temperatures and conditions	0 °C to 35 °C, 90% RH non-condensing
IP class	21
Protection class	Class II
Immunity against voltage surges	Over Voltage Category III
Battery type	Coin battery, manganese lithium
Dimensions (H/W/D)	85 x 85 x 20–24 mm (in-wall depth 22 mm)
Weight, net	194 g



Product code

Product code	Product name	Type
140F1160	DEVIreg™ Basic	Ecodesign programmable thermostat with NTC 15 k Ω @ 25 °C, 3 m sensor in box

Standard compliance — Radio Equipment Directive

- LVD 60730-1, -2-7 and -2-9
- EMC EN 301 489-1 and -17
- RF EN 300 328



Scan to download the DEVI app
and set up your thermostat

DEVireg™ 330

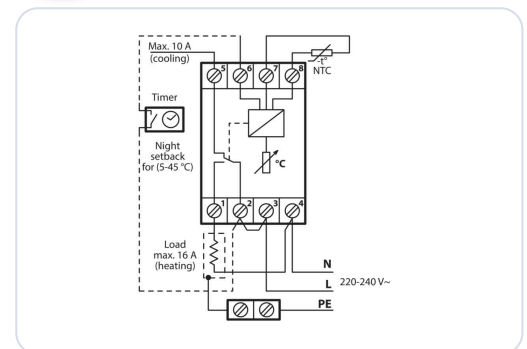
DEVireg™ 330 is a line of simple electronic thermostats for installation in electrical cabinets with DIN rail attachment. A wire sensor (included in the set) or an external indoor/outdoor air sensor measures and controls the desired temperature. The thermostats must be installed via an all-pole disconnection switch, and an LED shows standby (green) and heating (red) periods.

DEVireg™ 330 has a relay with 2 contact pairs — NO (normally open) and NC (normally closed) — for heating and cooling systems. The NO and NC contacts are not wetted by a voltage source inside the thermostat, so they can be used for control systems with any voltage up to 250 V. The series comes in three temperature ranges.



Features & applications

- ✓ For DIN rail mounting
- ✓ Low standby consumption
- ✓ Low temperature area
- ✓ LED indicator



Specifications

Operation voltage	220–240 V, 50/60 Hz
Standby power consumption	Max. 0.25 W
Resistive load	Max. 16 A (3680 W) @ 230 V
Inductive load	Max. 1 A, $\cos \phi = 0.3$
Ambient temperature	-10 °C to +50 °C
Cable specification, max.	1 x 4 mm ² or 2 x 2.5 mm ²
Storage temperature	-20 °C to +65 °C
IP class	20
Protection class	Class II
Dimensions (H/W/D)	85 x 36 x 58 mm
Weight	83 g

Product codes

Product code	Name	Temp. range	Sensor	Sensing	Mounting
140F1070	DEVireg 330	-10 to +10 °C	16	Floor	DIN rail
140F1072	DEVireg 330	5 to 45 °C	16	Floor	DIN rail
140F1073	DEVireg 330	60 to 160 °C	16	Floor	DIN rail

Sensors & accessories

Product code	Name	Description
104F1095	Room sensor, 426-frame	85 x 85 x 30 mm, NTC 15 kΩ at 25 °C, IP20
140F1096	Outdoor sensor IP44	80 x 50 x 35 mm, NTC 15 kΩ at 25 °C, IP44
140F1091	Sensor cable 3 m, 15 kΩ, Santoprene	Wire sensor, 2 x 0.75 mm ² , NTC 15 kΩ at 25 °C, Ø 5 mm, black Santoprene (TPV) sheath, IP67
19121445	Sensor cable 40 m, 15 kΩ, Santoprene	Wire sensor, 2 x 0.75 mm ² , NTC 15 kΩ at 25 °C, Ø 5 mm, black Santoprene (TPV) sheath, IP67
140F1092	Outdoor sensor 2.5 m, 15 kΩ, PVC	Wire sensor, 2 x 0.75 mm ² , NTC 15 kΩ at 25 °C, Ø 8 mm, white PVC sheath, IP67
140F1098	Outdoor sensor 10 m, 15 kΩ, PVC	Wire sensor, 2 x 0.75 mm ² , NTC 15 kΩ at 25 °C, Ø 8 mm, white PVC sheath, IP67
140F1097	Silicone temperature sensor for DEVireg™ 330 (60–160 °C)	Wire sensor 2.5 m, 2 x 0.75 mm ² , NTC 16.7 kΩ @ 100 °C, IP65

DEVireg™ Multi

DEVireg™ Multi is a 7-channel electronic programmable controller for DIN rail installation. Every channel can be set up individually with three control modes — with a temperature sensor, time-proportional power regulation without a sensor, or manual on/off with a time limit.

Channel inputs can be selected via software between 8 types of temperature sensor, including NTC 15 kΩ at 25 °C. A Modbus RS485 opto-insulated serial interface allows BMS control.

Special functions can be programmed for every channel: relay status (open or closed corresponding to 'Heating On'), channel activation or deactivation, sensor failure alarm, min. and max. temperature alarms, cable failure monitoring, relay test, channel on/off, relay cycle counter and more.

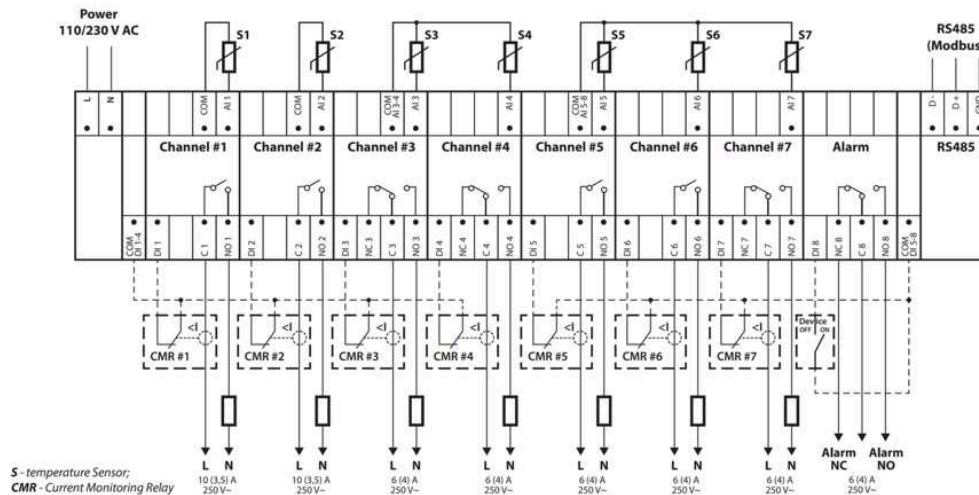


Features & applications

- ✓ 7 independent channels
- ✓ 3 control modes: with temperature sensor, time-proportional regulation, or manual on/off
- ✓ Heating or cooling control
- ✓ Compatible with 8 sensor types
- ✓ Accurate temperature control
- ✓ Alarm functions
- ✓ Cable failure monitoring
- ✓ Multi-language menu
- ✓ Graphic LCD display
- ✓ BMS control capability
- ✓ 8 DIN modules

Connection scheme – DEVireg™ Multi

Connection scheme DEVireg™ Multi



CONTROLS

DEVireg™ Multi – specifications

Nominal voltage	110/230 V AC, 50–60 Hz
Power consumption, max.	20 VA
Relay load — total current limit	32 A (resistive / inductive, $\cos \phi = 0.6$)
C1-NO1, C2-NO2	10 (3.5) A (100 000 cycles)
C5-NO5, C6-NO6	6 (4) A (100 000 cycles)
C3-NO3-NC3, C4-NO4-NC4	6 (4) A (100 000 cycles)
C7-NO7-NC7, C8-NO8-NC8	6 (4) A (100 000 cycles)
Sensor inputs	Analogue inputs AI1–AI8
Sensing unit	Selectable via software at AI1–AI7: NTC15k (15 k Ω @ 25 °C), NTC10k, NTC5k, NTC2k (@ 25 °C), NTC100 (100 k Ω @ 25 °C), NTC16k (16.7 k Ω @ 100 °C), PT1000 (1000 Ω @ 0 °C), Ni100 (100 Ω @ 0 °C)
Sensor failure monitoring	Disconnected or short-circuited sensor
Digital inputs	DI1–DI8, voltage-free contacts, on/off inputs
Connection specification	Grouped screw plug-in connectors, pitch 5 mm
Cable specification for terminals	Section 0.2–2.5 mm ²
Battery back-up time, min.	48 hours
Ball pressure test	125 °C according to IEC 60730-1
Pollution degree	2 (domestic use)
Controller type	1C
Operating temperatures and conditions	CE: -20T60 / UL: 0T55, 90% RH non-condensing
Storage temperature and conditions	-30T85, 90% RH non-condensing
IP class	IP40 (front cover only)
Protection class	Class II
Immunity against voltage surges	Designed for Over Voltage Category II
Dimensions (H/W/D)	110 (122) x 138 x 70 mm, 8 DIN modules
Mounting method	DIN rail, complying with EN 60715
Weight, net	511 g
Menu languages	v01.7: EN, PL, RU, UA
Base controller	Danfoss MCX08M2, item no. 080G0307
Software class	A

Product code

Product code	Product name
140F1139	DEVireg™ Multi — programmable controller with wire sensor NTC 15 k Ω at 25 °C, 3 m

Need BMS integration? DEVireg™ Multi's Modbus RS485 interface connects to building management systems. Our engineering team can help design multi-zone commercial systems — call 1800 519 654.

DEVireg™ 850 IV

DEVireg™ 850 version IV is an advanced thermostat with LED display for outdoor ground or roof applications. Its sensors report both moisture level and temperature, giving optimal control of the heating system.

DEVireg™ 850 IV can handle up to 2 independent areas in any of these combinations:

- **Single system** for roof or ground (1 system, 1–4 sensors)
- **Combination system:** 1 ground system and 1 roof system (2 systems, 2–4 sensors total, min. 1 sensor per system)
- **Dual system:** 2 roof systems or 2 ground systems (2 systems, 2–4 sensors total, min. 1 sensor per system)

In dual or combination systems you can prioritise between zones — for example, if only a limited power output is available.

Features & applications

- ✓ Single, combination or dual zones
- ✓ Up to 4 sensors
- ✓ Moisture and temperature sensing
- ✓ Self-diagnosing programme
- ✓ Safety level adjustment
- ✓ Alarm function

Specifications

Operation voltage — PSU 24 VDC	180–250 VAC, 50–60 Hz / 24 VDC
Operation voltage — DEVireg™ 850 IV	24 VDC ±10%
Power consumption, max. — DEVireg™ 850 IV	3 W
Power consumption — roof sensor	8 W (each)
Power consumption — ground sensor	13 W (each)
Relay resistive load — System A / B relay	15 A (3450 W) @ 230 V
Relay resistive load — alarm relay	2 A @ 230 V
Inductive load each relay, max.	1 A @ 230 V, power factor 0.3
Sensing unit	DEVibus™ connected moisture sensor(s)
Cable specification for terminals, max.	1 x 4 mm ² or 2 x 2.5 mm ²
Ball pressure test temperature	75 °C

Pollution degree	2 (domestic use)
Controller type	1C
Storage temperature	-20 °C to +65 °C
IP class	IP20
Protection class	Class II
Dimensions (H/W/D) — PSU 24 VDC	85 x 73 x 53 mm
Dimensions (H/W/D) — DEVireg™ 850 IV	85 x 105 x 53 mm
Mounting method	DIN rail
Weight	720 g
Versions (languages)	Latin: GB, CZ, DE, DK, ES, EST, FI, FR, HR, HU, LT, LV, NL, NO, PL, SCG, SE, SI, SK, TR Cyrillic: GB, BG, RO, RU



✓ Product warranty

CONTROLS

DEVireg™ 850 IV – system & codes

Components & connection scheme



DEVireg™ 850 IV with PSU



Roof sensor

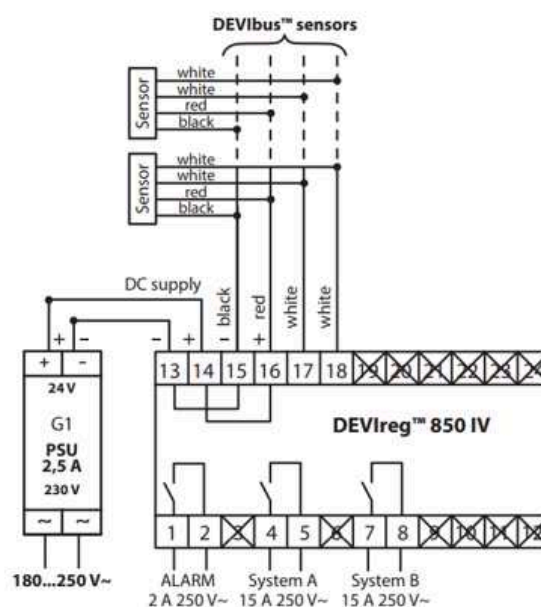


Ground sensor



Sensor tube and cup for Ground sensor

Connection scheme DEVireg™ 850 IV



Product codes

Product code	Product name	Type	Size (mm)	Ambient temp.
140F1085	DEVireg™ 850 IV	Without sensors, Latin languages	85 x 105 x 53	-10 to +50 °C
140F1086	Roof sensor	For DEVireg™ 850, with sensor tube, cable 15 m	15 x 24 x 216	-50 to +70 °C
140F1088	Ground sensor	For DEVireg™ 850, cable 15 m	Ø 93 x 98	-30 to +70 °C
19119977	Sensor tube and cap	For DEVireg™ 850 ground sensor	Ø 93 x 98	-30 to +70 °C

DEVbasic™ Drum Goods

DEVbasic™ is a high-quality, braided-screen, single-conductor cable with a tough outer sheath (non UV stable). Its round profile and robust construction ensure a fast, simple and safe installation in multiple indoor, outdoor and pipe tracing applications.

Features & applications

- ✓ Easy to install
- ✓ Multiple application options
- ✓ Safe & robust
- ✓ Long lifetime
- ✓ IEC 60800:1992

Custom cold tails. Heat Zone can manufacture cold tails for these cables — contact us for details and rates.



Specifications

Nominal voltage, max.	230 V~
Construction	Round, single conductor with screen, 2 cold leads
Output, max.	10 W/m @ 230 V~
Max. permissible use temperature, powered	60 °C @ 20 W/m
Max. permissible use temperature, unpowered	90 °C
Cable dimensions	Ø 5.5 mm
Deformation strength	600 N
Pulling strength	120 N
Conductor insulation	XLPE
Outer sheath	PVC
Screen	16 x 0.3 mm Cu (1 mm ²)
Min. installation temperature	-5 °C
Bending Ø, min.	6 x cable diameter
IP class	IPX7

Product codes

Product code	Resistance	Length
140F0165	0.0134 Ω/m	Cut to length
140F0166	0.0322 Ω/m	Cut to length
140F0167	0.0508 Ω/m	Cut to length
140F0168	0.0715 Ω/m	Cut to length
140F0169	0.105 Ω/m	Cut to length
140F0170	0.153 Ω/m	Cut to length
140F0171	0.217 Ω/m	Cut to length
140F0172	0.267 Ω/m	Cut to length
140F0173	0.319 Ω/m	Cut to length
140F0174	0.488 Ω/m	Cut to length
140F0175	0.666 Ω/m	Cut to length
140F0176	0.934 Ω/m	Cut to length
140F0177	1.15 Ω/m	Cut to length
140F0178	1.70 Ω/m	Cut to length
140F0179	2.58 Ω/m	Cut to length
140F0180	3.90 Ω/m	Cut to length
140F0181	5.01 Ω/m	Cut to length
140F0182	7.82 Ω/m	Cut to length
140F0183	12.9 Ω/m	Cut to length
140F0184	34.1 Ω/m	Cut to length

DEVlhotwatt™ Drum Goods

DEVlhotwatt™ is a self-limiting heating cable for temperature maintenance of the hot water supply and other fluids that need to be kept at a set temperature. Its self-limiting capability means the output increases or decreases according to the ambient temperature. DEVlhotwatt™ ensures hot water at every tap, with savings where circulating the whole pipe system is unnecessary.

Features & applications

- ✓ Cut to length on site
- ✓ Black version is UV protected
- ✓ PVC free
- ✓ DIN VDE 0254: 1994-06

Not approved for use in drinking water.

Specifications

Nominal voltage	230 VAC
Nominal output (min–max) — DEVlhotwatt™ 45	7 W/m @ 45 °C (6.5–9.5 W/m @ 45 °C)
Nominal output (min–max) — DEVlhotwatt™ 55	9 W/m @ 55 °C (8.5–13.0 W/m @ 55 °C)
Nominal output (min–max) — DEVlhotwatt™ 70	12 W/m @ 70 °C (11.3–15.2 W/m @ 70 °C)
Outer sheath	45: black, TPE · 55: green, TPE · 70: red, TPE
Max. permissible use temperature	80 °C powered / 100 °C unpowered
Min. installation temperature	-5 °C
Cable dimensions	11.8 x 5.8 mm
Min. braid coverage	70%
Max. resistance, protective braid	18.2 Ω/km
Bending Ø, min.	50 mm (Ø to the inside of the tape)
Max. installation length with 10 A circuit breaker	55 m
IP class	IPX7



Product codes

Product code	Type	Length
98300955	DEVlhotwatt 45 Black	Cut to length
98300957	DEVlhotwatt 55	Cut to length
140F1145	DEVlhotwatt 55	9 m
140F1150	DEVlhotwatt 55	15 m
140F1146	DEVlhotwatt 55	25 m
140F1147	DEVlhotwatt 55	30 m
140F1151	DEVlhotwatt 55	50 m
140F1148	DEVlhotwatt 55	55 m
140F1149	DEVlhotwatt 55	70 m
140F1152	DEVlhotwatt 55	80 m
98300959	DEVlhotwatt 70	Cut to length

DEVImulti™ PVC & HDPE

DEVImulti™ PVC is a high-quality 4-conductor cable with a PVC outer sheath, designed for frost protection of long pipes and also used in outdoor ground and other frost protection applications. Its 4 identical conductors can be connected in parallel and/or series, so the same cable can provide up to 11 different outputs.

DEVImulti™ PVC is very flexible and ideal for external installation on pipes, and is supplied in 3 versions with different resistance values. It can be customised for each project by voltage, required output, heating cable length and cold lead length. **Not approved for contact with water for human consumption.**

Features & applications

- ✓ Easy to install
- ✓ Various ohmic outputs
- ✓ Safe and robust
- ✓ Long lifetime

Specifications

Operation voltage, max.	U _o /U = 300/500 V~
Construction	4-conductor, round
Max. permissible use temperature, powered	70 °C
Max. permissible use temperature, unpowered	90 °C
Cable dimensions, max.	Ø 8 mm
Deformation strength, min.	600 N
Pulling strength, min.	120 N
Conductor insulation	FEP
Filler sheath	PVC
Outer sheath	DEVImulti™ PVC: PVC, red DEVImulti™ HDPE: HDPE, black
Screen	1 mm ² (16 x 0.286 mm)
Min. installation temperature	0 °C
Bending Ø, min.	6 x cable diameter
IP class	IPX7



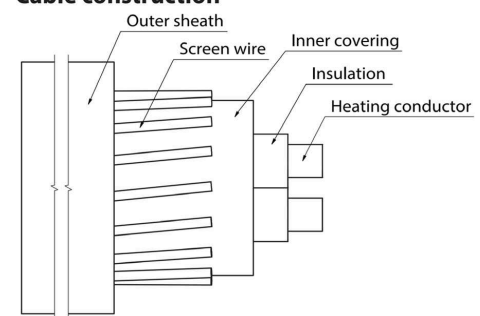
✓ Product ✓ Installation

Product codes

Product code	Type	Resistance (Ω/m)	Conductor Ø
89999140	DMIH	4 x 2.5	0.96 mm
89999142	DMIH	4 x 0.220	0.771 mm
89999144	DMIH	4 x 0.027	1.02 mm
89999056	DMIT	4 x 0.220	0.771 mm
89999098	DMIT	4 x 0.027	1.02 mm

Cable construction

Cable construction



DEVipeguard™ Drum Goods

DEVipeguard™ is a self-limiting heating cable mainly used for frost protection of pipes. Its output increases or decreases according to the ambient temperature, and the cable keeps working even when shortened. The outer sheath is highly resistant to harsh environmental conditions and corrosion, and also protects against mechanical damage.

Features & applications

- ✓ Cut to length on site
- ✓ PVC free

Not approved for use in drinking water.

Specifications

Nominal voltage	230 V AC
Nominal output — DEVipeguard™ 10	10 W/m @ 10 °C (10–15 W/m)
Nominal output — DEVipeguard™ 25	25 W/m @ 10 °C (25–32.5 W/m)
Nominal output — DEVipeguard™ 33	33 W/m @ 10 °C (30–39 W/m)
Max. permissible use temperature	65 °C powered 85 °C unpowered (1000 hours cumulative)
Min. installation temperature	-50 °C
Cable dimensions	11.8 x 5.5 mm
Outer sheath	10: blue · 25: red · 33: brown (all TPE)
Screen	Tinned copper braid
Min. braid coverage	70%
Max. resistance, protective braid	18.2 Ω/km
Bending Ø, min.	50 mm (Ø to the inside of the cable)
IP class	IPX7



✓ Product warranty

Product codes

Product code	Type	Output tolerance (min-max)
98300708	DEVipeguard 10 — blue sheath	10–15 W/m @ 10 °C
98300761	DEVipeguard 25 — red	25–32.5 W/m @ 10 °C
98300764	DEVipeguard 33 — brown	30–39 W/m @ 10 °C

DEVpipeheat™ 10 V2

DEVpipeheat™ 10 V2 is a self-limiting heating cable for frost protection of pipes, installed on the outside of water pipes. Its output increases or decreases according to the ambient temperature. The range includes drum cable, cable with cold lead and no mains plug, and cable with cold lead and mains plug.

Features & applications

- ✓ Cut to length on site
- ✓ Ready-made lengths
- ✓ Small cable size

Safety: all self-limiting heating cables must be over-temperature protected by a thermostat (their output decreases but never reaches zero) and protected by an RCD with a maximum trip current of 30 mA.

Specifications

Nominal voltage	230 V~
Nominal output tolerance	10 W/m @ 10 °C (8.5–13.5 W/m @ 10 °C)
Max. permissible use temperature, powered	65 °C
Max. permissible use temperature, unpowered	65 °C
Min. use temperature	-5 °C
Heating cable dimensions	7.8 x 5.3 mm
Outer sheath	Blue, TPE
Min. screen coverage	100% aluminium foil
Max. resistance, protective braid	18.2 Ω/km
Bending Ø, min.	25 mm (Ø to the inside of the cable)
Cold lead with plug	2 m, 3 x 0.75 mm ² , Schuko plug (type AU-003)
Max. length on pipe, 10 A C-curve breaker @ 10 °C	100 m (60 m inside the water pipe)
Max. length @ 0 °C / -20 °C	96 m / 77 m
IP class	IPX7



✓ Product warranty

Product codes

Product code	Product name	Output @ 230 V
98300016	DEVpipeheat™ 10	10 W/m

DEVlceguard™

DEVlceguard™ is a self-limiting parallel heating cable for ice and snow melting on roofs, in gutters and downpipes. Its output increases or decreases according to the ambient temperature. The cable is flexible and easy to install — cut to length on site and fitted directly onto the roof and gutter system.

Features & applications

- ✓ Cut to length on site
- ✓ Ready-made lengths
- ✓ Small cable size

Specifications

Nominal voltage	230 V AC
Nominal output	18 W/m @ 10 °C
Output tolerance (min–max)	15.4–23.1 W/m @ 0 °C
Max. permissible use temperature	65 °C powered / 85 °C unpowered
Min. installation temperature	-50 °C
Cable dimensions	11.8 x 5.8 mm
Outer sheath	Black, TPE
Min. braid coverage	80%
Max. resistance, protective braid	14.8 Ω/km
Bending Ø, min.	50 mm (Ø to the inside of the cable)
IP class	IPX7



Product codes

Product code	Product name
98300810	DEVlceguard 18 Black

DEVlconnecto

The DEVlconnecto programme offers solutions for easy and safe connection of DEVI self-limiting heating cables — DEVliceguard™ (B), DEVlpipeguard™ (B) and DEVlhotwatt™ (B). Wiring up a heating circuit with DEVlconnecto is fast, needing only a knife and a diagonal cutter.

Features & applications

- ✓ Lower costs due to reduced assembly time
- ✓ Greater reliability thanks to simple assembly
- ✓ Safe electrical contact through precise clamp-cutting technology



Specifications

Nominal voltage, max.	250 V~
Max. current	16 A
Ambient temperature	-25 °C to +60 °C
On request	-25 °C to +85 °C
IP class	IP66

Product codes — DEVlconnecto connection system

Product code	Product name	Description
19808360	B-A Connection	Connection power supply
19808361	B-C Heating tape connection	Heating cable connection
19808362	B-E End termination	End termination
19808363	B-S Connection termination	Connection and end termination
19808364	B-T T-junction + end termination	Y-junction + end termination
19808365	B-TE2 T-junction + 2 end terminations	Y-junction + 2 end terminations
19808366	B-TE3 T-junction + 3 end terminations	Y-junction + 3 end terminations
19808367	B-XX-junction + 2 end terminations	X-junction + 2 end terminations
19808390	Bracket	Bracket and 6 cable ties

DEVipeguard™ Industry

DEVipeguard™ Industry is a self-limiting heating cable mainly used for frost protection of pipes and temperature maintenance in applications up to 120 °C powered (190 °C unpowered). The cable allows steam cleaning of pipes. Its heating element, insulation and outer jacket are made of fluoropolymers, giving increased protection against chemicals (oil and fuel) and abrasion.

A temperature-dependent resistance element between two parallel copper conductors regulates and limits the heat output at every point along the cable, according to the local ambient temperature — preventing overheating even where the cable overlaps. It can be cut to any length thanks to the parallel supply, simplifying planning and installation.

Features & applications

- ✓ Cut to length on site
- ✓ PVC free
- ✓ Steam-cleaning resistant
- ✓ Chemical & abrasion resistant jacket

Specifications

Nominal voltage	230 V AC (max. 254 V AC)
Nominal output — 30 Industry	30 W/m @ 10 °C (30–39 W/m @ 10 °C)
Nominal output — 60 Industry	60 W/m @ 10 °C (54–72 W/m @ 10 °C)
Max. permissible use temperature	120 °C powered / 190 °C unpowered
Temperature rating (IEC 60079-30)	30 Industry: T3 (max. 200 °C) 60 Industry: T2 (max. 300 °C)
Min. installation and switch-on temperature	-5 °C
Cable dimensions	11.8 x 5.8 mm
Outer sheath	Red, fluoropolymer
Min. braid coverage	70%
Max. resistance, protective braid	18.2 Ω/km
Bending Ø, min.	50 mm (Ø to the inside of the tape)
IP class	IPX7



Product codes

Product code	Type
98300673	DEVipeguard™ 30 Industry
98300674	DEVipeguard™ 60 Industry
00109007	Connection kit for DEVipeguard 30/60 Industry (PT-30/60) heating cables, with clamping block for connecting cold lead and heating cable, shrink end-cap, shrink tubes, bitumen gaskets and ferrules
00109026	Connection kit for DEVipeguard 30/60 Industry (PT-30/60) heating cables, for mounting in a connection box with screw connections. With M20 x 1.5 cable gland and locknut, shrink end-cap, shrink tubes, bitumen gasket and ferrules

DEVlfoil™ Mirror

An effective system for keeping a mirror completely steam free. Installation is fast and easy — the self-adhesive side of the heating foil is placed on the back of the mirror. Low energy consumption, with automatic activation when the light is switched on.

Features & applications

- ✓ Fast and easy to install
- ✓ Low energy consumption
- ✓ Automatic activation

Specifications

Nominal voltage	230 V~
Output	200 W/m ²
Max. ambient temperature	80 °C
IP class	IP44
Protection class	Class II
Connection cable length	95 cm
Connection muff	4 x 31 x 39 mm



✓ Product warranty

Product codes

Product code	Wattage	Dimensions
62000000	17.5 W	0.274 x 0.358 m
62000001	40 W	0.410 x 0.524 m
62000002	70 W	0.708 x 0.524 m

DEVltronic™

DEVltronic™ anti-condensation heaters are the perfect solution to condensation problems in shielded electrical installations such as switchboards and control cabinets.

DEVltronic™ solves moisture and condensation problems by raising the temperature a few degrees above the surroundings. Its large surface and low surface temperature mean the heating element will not damage printed circuits or plastic cabinets.

Features & applications

- ✓ Rugged construction
- ✓ Corrosion resistant
- ✓ IP55

Standard compliance

- IEC 60335-1:2012
- IEC 60335-2-30:2009



Specifications

Temperature range	-40 °C to 45 °C
Cold lead	0.5 m
IP class	IP55

Product codes

Product code	Item	Type	Voltage	Output @ 10 °C	H x W x D (mm)	Profile
60800075	DEVltronic™ 75 mm	PTC	12–48 V	15 W	75 x 72 x 57	Star
60802071	DEVltronic™ 100 mm	PTC	12–48 V	20 W	100 x 116 x 33	Double
60802204	DEVltronic™ 250 mm	PTC	12–48 V	40 W	250 x 116 x 33	Double
60800109	DEVltronic™ 75 mm	PTC	110–240 V	15 W	75 x 72 x 57	Star
60802105	DEVltronic™ 100 mm	PTC	110–240 V	20 W	100 x 116 x 33	Double
60802253	DEVltronic™ 250 mm	PTC	110–240 V	40 W	250 x 116 x 33	Double
60802113	DEVltronic™ 100 mm	PTC	220–440 V	20 W	100 x 116 x 33	Double
60802261	DEVltronic™ 250 mm	PTC	220–440 V	40 W	250 x 116 x 33	Double
60801156	DEVltronic™ with 50° thermostat, 145 mm	OHMSK	240 V	70 W	142 x 72 x 57	Star
60802402	DEVltronic™ with 50° thermostat, 250 mm	OHMSK	240 V	100 W	250 x 116 x 33	Double
60802451	DEVltronic™ with 50° thermostat, 250 mm	OHMSK	240 V	160 W	250 x 116 x 33	Double

DEVicell™

DEVicell™ is an energy-efficient system providing up to 20% extra energy saving through integrated thermal insulation. The insulation plate is covered with aluminium and has ready-made grooves for easy, fast installation of DEViflex™ heating cables. Full aluminium coverage gives a faster reaction time and even heat distribution across the floor.

DEVicell™ is designed for new floors installed on top of existing floors or sub-floors — tiles, timber or concrete. For “wet” installation (tiles onto the aluminium plate), the adhesive and primer must be suitable and confirmed by the adhesive supplier. **Under laminate, timber or parquet, DEVicell™ and DEViflex™ must not be embedded in concrete or similar “wet” material — dry installation only.**

Features & applications

- ✓ Sturdy construction
- ✓ No masonry work with screed
- ✓ Fits DEViflex™ (DTIP)
- ✓ Fits odd corners
- ✓ Reduced downward heat loss
- ✓ Even temperature distribution
- ✓ Quick response time with timer
- ✓ Noise reduction -3 dB

Specifications

Construction	Polystyrene with aluminium
R value	0.26 m ² K/W
Plate size	50 x 100 cm
Thickness	13 mm
Aluminium thickness	0.8 mm
Insulation	12 mm fire-retardant EPS
Deformation strength	>400 kPa at 10% compression
Max. working temperature	80 °C
Cable usage	5 m per plate
Noise reduction	-3 dB



Product codes

Product code	Product name
140F1130	DEVicell 5 m ² (10 pcs)
140F1131	DEVicell 2 m ² (4 pcs)
140F1132	DEVicell 50 m ² (100 pcs)
15992250	DEVicell connective clips for DEVicell Dry
109200	DEVicell EPS edge plates (Randplatten) W25
18055300	DEVicell Flexkit for DEVicell

Marmox Insulation Boards

Up to 50% of the heat created by underfloor heaters can be absorbed by the concrete slab. With Marmox boards, most of the heat from the heating element is reflected upwards into the floor surface. These construction boards are waterproof, provide thermal insulation and are versatile enough for any wet area application.

Features & applications

- ✓ High compressive strength — withstands 30 t/m²
- ✓ Corrosion resistant
- ✓ Can improve the efficiency of electric heating by up to 50%
- ✓ Easy to install
- ✓ Good impact-noise insulation
- ✓ Waterproof membrane with proper joint treatment

Specifications

Property	Standard	Value
Density	DIN 53420	36 kg/m ³
Thermal conductivity	DIN 52612	0.027 W/mK
Thermal conductivity (5 years)	DIN 52612	0.032 W/mK
Compressive strength	DIN 53421	300 kN/m ²
Water absorption (immersion)	DIN 53428	0.2% by vol.
Water absorption (capillary)	DIN 53428	Nil
Flammability	BS 476 part 6, 7 / DIN 4102	Class 0 / B1
Coefficient of expansion	—	30 x 10 ⁻⁶



Product codes

Product code	Description
CB06	Insulation board 6 mm x 1250 mm x 600 mm
CB10	Insulation board 10 mm x 1250 mm x 600 mm
CB20	Insulation board 20 mm x 1250 mm x 600 mm
CB20L	Insulation board 20 mm x 2500 mm x 600 mm
CB30L	Insulation board 30 mm x 2500 mm x 600 mm
CB40L	Insulation board 40 mm x 2500 mm x 600 mm
CB50L	Insulation board 50 mm x 2500 mm x 600 mm
W26	Marmox washer 36 mm (bag of 20)
FB2005	Fibreglass tape 50 mm x 20 m
FB2010	Fibreglass tape 100 mm x 20 m
G3MMRAU	Gold 3 mm rubber acoustic underlay

INSTALLATION MATERIALS

Repair & installation kits


HZRK150S/T

Heat Zone repair kit for 150S/T mats and cables


18055240

DEVIcrimp repair set for DEVIheat


18055249

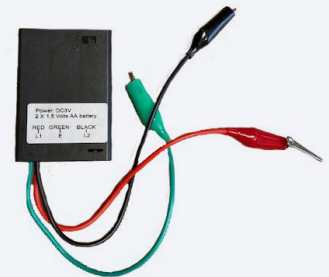
DEVIcrimp™ for DEVisnow™ (DTCE)


18055350

DEVIcrimp assembly/repair kit, 2-conductor CS2A/CS


18055510

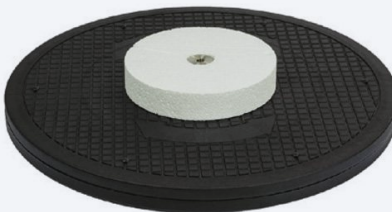
DEVIcrimp repair set for DEVIamat


HZCM

Cable monitor


19805236

DEVIclip Twist — bag of 1000


19805250

DEVI turntable


19805480

DEVIcrimp assembly set, 4-conductor type C

INSTALLATION MATERIALS

Connection kits & accessories



19805704
Repair kit for cables



19805753
Connection kit cable/box — self-limiting cables



19805761
Connection kit cable/cold tail



19805779
Connection kit cable/cable — self-limiting cable



140F1114
Flexpipe Ø 6.7 mm, 2.5 m, black, with plug



19808236
DEVIfast 25 m metal, in box



STDSURNDBLK
Surround plate for DEVireg Touch — Black*



STDSURNDWHT
Surround plate for DEVireg Touch — Pure White*



STDSURNDPOL
Surround plate for DEVireg Touch — Polar White*

* New & improved design. Not suitable for DEVireg Opti & DEVireg 130 range.

INSTALLATION MATERIALS

Brackets, adhesives & underlays



HZIB-1

Isolator bracket, zinc coated, galvanised — new & improved heavier design

BRACKETS



Level Floor Standard 20 kg

Durable self-levelling underlay for ceramic tiles and timber floors. Coverage 1.5 kg/m² per 1 mm thickness

CONSTRUCTION CHEMICALS



Monoflex 20 kg

High-strength, highly flexible, non-slump tile adhesive. 20 kg covers 10 m²+ using a 10 mm notched trowel (floors)

CONSTRUCTION CHEMICALS



TensorGrip F40 — 500 g

Aggressive-tack, solvent, non-odour spray adhesive

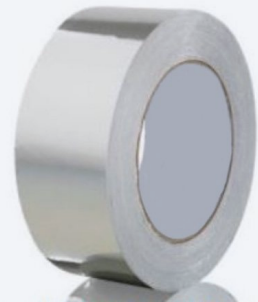
GLUE



TensorGrip F40 — 22 L

Aggressive-tack, solvent, non-odour adhesive, canister

GLUE



Aluminium foil tape

48 mm, 30 micron plain aluminium foil tape, 50 m

TAPE

DEVI WARRANTY

Warranty terms

At Danfoss, we find it of great importance to deliver high quality products with long-lasting effects. Should you, against all expectations, experience a problem with your product, Danfoss offers a warranty for the DEVI brand, valid from the date of purchase — which must be no later than 2 years from the production date — on the following conditions.

During the warranty period Danfoss shall offer a new comparable DEVI product, or repair the product, if it is found to be faulty by reason of defective design, materials or workmanship. The decision to repair or replace is solely at the discretion of Danfoss.

The warranty is a series of five individual, best-in-market warranties to give you full peace of mind. There are two warranty types: **Product warranty** and **Full-service warranty**, valid from 1 July 2021.



Important: the warranty is valid only if the WARRANTY CERTIFICATE is completed correctly, the fault is reported to the installer or seller without undue delay, and proof of purchase is provided.

Product warranty

Valid for the agreed warranty period; offers a new comparable product or repair if the product is faulty by reason of defective design, materials or workmanship. It covers all products not covered by the Full-service warranty; its term varies by product type (see the table on the next page).

Covers costs for

- ✓ Product replacement with a new comparable product, or repair
- ✓ Transportation

Full-service warranty

In addition to repair or replacement, Danfoss will also compensate installation costs and any damage to floor/surface materials (e.g. brickwork, tiles and roof surface) caused by the defective product or as an unavoidable result of repairing it. Valid for resistive ready-made heating cables and mats.

Covers costs for

- ✓ Inspection of the warranty claim
- ✓ Product replacement or repair
- ✓ Payment for the installation
- ✓ Floor materials of similar type or price level
- ✓ Transportation

Except for such costs and damage, Danfoss shall not be liable for any resulting losses or consequential or incidental damages including, but not limited to, damage to property or extra utility expenses. No extension of the warranty period is granted following repairs. The warranty does not cover damage caused by incorrect conditions of use, incorrect installation, or installation carried out by non-authorised installers; all work will be invoiced in full if Danfoss is required to inspect or repair faults arising from any of the above. The DEVI warranty does not extend to products that have not been paid for in full. All claims not meeting the above conditions are excluded from the DEVI warranty.

DEVI WARRANTY

Warranty periods by product

For all our products, we maintain the following warranties. All warranties are valid from the date of purchase.

20
YEAR
WARRANTY

✓ Product ✓ Installation ✓ Floor

READY-MADE HEATING CABLES

DEVibasic™, DEVIcomfort™, DEVIflex™, DEVIsnow™, DEVIasphalt™

READY-MADE HEATING MATS

DEVIheat™, DEVIcomfort™, DEVIimat™, DTCE, DEVIsnow™, DEVIasphalt™

20
YEAR
WARRANTY

✓ Product warranty

READY-MADE HEATING CABLES

DEVIsafe™, DEVIaqua™

10
YEAR
WARRANTY

✓ Product warranty

DRUM GOODS

DEVipeeguard™ LSZH (T)

OTHER PRODUCTS

DEVicell™

5
YEAR
WARRANTY

✓ Product warranty

READY-MADE HEATING CABLES

DEVipeheat™, DEVIceguard™ (G)

READY-MADE HEATING MATS

DEVIdry™, DEVIheat™ Sport 90S

THERMOSTATS / CONTROLLERS

DEVireg™ Touch, DEVireg™ Smart

DRUM GOODS

DEVibasic™, DEVIsnow™, DEVIsport™, DEVImulti™, DEVipeheat™, DEVIhotwatt™ (B), DEVipeeguard™ (B), DEVipeeguard™ (T) Industry, DEVIceguard™ (B)

2
YEAR
WARRANTY

✓ Product warranty

THERMOSTATS / CONTROLLERS

DEVireg™ 233, 130, 132, 530M, 530, 531, 532, Opti, Hotwater, 330, 316, 610, Multi, 850 IV

OTHER PRODUCTS

DEVitemp™ fan heater, DEVItronic™, DEVIdry™ Pro Kit, DEVIfoil™ Mirror

ACCESSORIES

All accessories

DEVI WARRANTY

Warranty process

Our products must be installed by an authorised installer. To apply for the warranty, you need a valid Warranty Certificate.

Requirements for a valid warranty

- 1 The product must be installed by an authorised installer according to the installation guide for that product.
- 2 Insulation and conductor resistance of heating elements must be checked before and during installation and noted on the Warranty Certificate.
- 3 The Warranty Certificate must be filled in, stamped and signed by the authorised installer performing the installation (installation date must be indicated).
- 4 After installation, keep the Warranty Certificate and purchase documents (invoice, receipt or similar) for the whole warranty period.

A sample Warranty Certificate is placed inside each box.

Availability of the Warranty Certificate is a mandatory requirement for warranty services.

How to make a claim

- 1 Find your product Warranty Certificate. (Customer)
- 2 Contact the authorised installer who performed the installation and ask them to start the warranty claim with the distributor. (Customer)
- 3 The distributor contacts the local Danfoss organisation. (Distributor)

Heat Zone

5 Ely Ct, Keilor East VIC 3033
info@heatzone.com.au · 1800 519 654

- 4 Danfoss appoints or approves a technical expert to check the product and installation (a service centre or DEVI sales representative). (Danfoss)
- 5 The expert provides a conclusion report with documentation and images to the DEVI sales representative. (Installer or DEVI representative)
- 6 The DEVI representative provides the report and images to the Danfoss quality department. (DEVI representative)
- 7 Danfoss evaluates the report: if approved, all liabilities are covered; if not approved, or the product was damaged during installation or for reasons not described in the installation guide, all claim costs are covered by the customer. (Danfoss)
- 8 In disputed cases, the decision to repair or replace is solely at the discretion of Danfoss. All additional tests by Danfoss are free of charge. (Danfoss)

DEVI WARRANTY

Warranty certificate

Sample only — the certificate supplied inside each product box must be completed by the authorised installer.

WARRANTY CERTIFICATE

The DEVI warranty is granted to:

The insulation resistance shall be measured with a DC voltage of at least 500 V for one minute. The measured value shall be no less than 50 MΩ.

Name _____

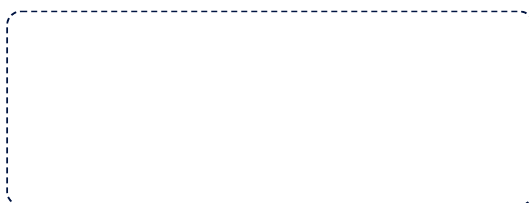
Address _____

Purchase date _____ Product _____ Art. no. _____

Installation date & signature _____ Resistance [Ω] _____ Insulation [MΩ] _____

Connection date & signature _____ Resistance [Ω] _____ Insulation [MΩ] _____

Installer stamp



For the full warranty text, visit the DEVI / Danfoss website.



1800 519 654

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5 Ely Ct, Keilor East VIC 3033
info@heatzone.com.au · Monday-Friday, 9am-5pm

heatzone.com.au



Start your project

Scan to request a quote or
design advice from our team