

**KNOW  
HOW  
CREATES**

intelligent  
controls for  
electric floor  
heating



**FLOOR HEATING  
ELECTRIC**

**HVAC  
CONTROLS & POWER**

**FLOOR HEATING  
HYDRONIC**

**Product catalogue**

THERMOSTATS FOR ELECTRIC FLOOR HEATING





## TOUCH CLOCK THERMOSTATS

Having a high-quality control system is important for all floor heating solutions. The OJ Microline® Touch thermostats offer smart control in every sense of the word: the touchscreen gives users an attractive, intuitive interface, while installers get thermostats that are easy to install and require no service. As system integrator, you get technology that matches the rest of your solution perfectly – and won't let you down.

### CUTTING-EDGE TECHNOLOGY WITH MINIMUM FUSS

The innovative OJ Microline® Touch thermostats are constructed to the high quality standards you expect from OJ Electronics. System integrators and installers get an adaptable and easy-to-apply solution that matches all their professional and technical needs: full compatibility, minimal field returns and happy end-users.

	PRODUCT TYPE	PRODUCT FEATURES / TECHNICAL DATA	EAN-NUMBER
	OCD5-1999-P1	<ul style="list-style-type: none"> <li>• 2" Colour Touch thermostat with built-in sensor and 3m floor sensor (creamy white)</li> <li>• 16A, IP21</li> </ul>	5703502901183
	OCD5-1999-P3	<ul style="list-style-type: none"> <li>• 2" Colour Touch thermostat with built-in sensor and 3m floor sensor (pure white)</li> <li>• 16A, IP21</li> </ul>	5703502902449
	OCD5-1999-RUP1	<ul style="list-style-type: none"> <li>• 2" Colour Touch thermostat with built-in sensor and 3m floor sensor (creamy white)</li> <li>• 16A, IP21</li> <li>• Russian Menu</li> </ul>	5703502903309
	MCD5-1999-P3	<ul style="list-style-type: none"> <li>• 2" Colour Touch thermostat with built-in sensor and 3m floor sensor (pure white)</li> <li>• 16A, IP21</li> </ul>	5703502902456



PRODUCT TYPE	PRODUCT FEATURES / TECHNICAL DATA	EAN-NUMBER
OCD6-1999-P3	<ul style="list-style-type: none"> <li>• 3.5" Colour Touch Thermostat with built-in sensor and 3m floor sensor (pure white)</li> <li>• 16A, IP21</li> </ul>	5703502901220
OCD6-1999-P4	<ul style="list-style-type: none"> <li>• 3.5" Colour Touch Thermostat with built-in sensor and 3m floor sensor (glossy black)</li> <li>• 16A, IP21</li> </ul>	5703502903576
OCD6-1999-P5	<ul style="list-style-type: none"> <li>• 3.5" Colour Touch Thermostat with built-in sensor and 3m floor sensor (aluminium)</li> <li>• 16A, IP21</li> </ul>	5703502903583
OCD6-1999-RUP3	<ul style="list-style-type: none"> <li>• 3.5" Colour Touch Thermostat with built-in sensor and 3m floor sensor (pure white)</li> <li>• 16A, IP21</li> <li>• Russian Menu</li> </ul>	5703502905228

## WIFI CONTROLLED THERMOSTAT



Remote control of the OJ Microline® OWD5 via a user-friendly smartphone app offers the ultimate convenience in temperature control.

Together with a contemporary design, unsurpassed flexibility and renowned quality, you are offered a state-of-the-art thermostat with the OJ Microline® OWD5 WiFi for both new installations and for upgrading existing systems.

### UNSURPASSED USER-FRIENDLINESS AND DESIGN

The leading OJ Microline® WiFi thermostat is developed to provide an experience second to none for both installers and end users.

The integrated guidance ensures trouble-free configuration and daily use. Also, installation and first-time power-up is very easy through a carefully thought out mechanical design.

	PRODUCT TYPE	PRODUCT FEATURES / TECHNICAL DATA	EAN-NUMBER
	OWD5-1999-P1	<ul style="list-style-type: none"> <li>• 2" Touch thermostat with WiFi control, built-in sensor and 3m floor sensor (creamy white)</li> <li>• 16A, IP21</li> </ul>	5703502906607
	MWD5-1999-P3	<ul style="list-style-type: none"> <li>• 2" Touch thermostat with WiFi control, built-in sensor and 3m floor sensor (pure white)</li> <li>• 16A, IP21</li> </ul>	5703502906591

## PREMIUM CLOCK THERMOSTATS




Our premium range of programmable clock thermostats gives you thermostats that are very easy to programme, while end-users get energy savings and optimum comfort. This combination of comfort and energy savings is an excellent match for systems with a green/environmentally friendly brand position – and the OJ Microline clock thermostats will match even the strictest quality demands.

### 6-EVENT SETTINGS

Installing and operating our clock thermostats is very easy. A 6-event programme helps make the thermostat even more energy-efficient, while the wheel-based animated navigation menu is intuitive to use for everyone.

### PRE-SET SCHEDULE SAVES INSTALLATION TIME

The thermostat has a pre-programmed event schedule for easy and economic heating control. The schedule fits most end-users, so installers won't need to set up schedules from scratch every time.




	PRODUCT TYPE	PRODUCT FEATURES / TECHNICAL DATA	EAN-NUMBER
	OCC4-1991	<ul style="list-style-type: none"> <li>• Clock thermostat with 3m floor sensor</li> <li>• 16A, IP21</li> </ul>	5703502622392
	OCC4-1999	<ul style="list-style-type: none"> <li>• Clock thermostat with built-in room sensor</li> <li>• 16A, IP21</li> </ul>	5703502622408
	OCC4-1991-RU	<ul style="list-style-type: none"> <li>• Clock thermostat with 3m floor sensor</li> <li>• 16A, IP21</li> <li>• Russian Menu</li> </ul>	5703502622767
	OCD4-1999	<ul style="list-style-type: none"> <li>• Clock thermostat with built-in room sensor and floor limit sensor</li> <li>• 16A, IP21</li> </ul>	5703502622415
	MCD4-1999-E6	<ul style="list-style-type: none"> <li>• Clock thermostat with built-in sensor and 3m floor sensor (pure white)</li> <li>• 16A, IP21</li> </ul>	5703502905068

## BASIC THERMOSTATS

Our simple floor-heating thermostats are ideal wherever you want basic temperature management – combined with an exceptionally high level of quality that ensures perfectly reliable operation for years and years. These simple comfort thermostats offer features such as a built-in 2-pole interrupter, night setback and max./min. temperature limitation to protect wooden floors against damage.

### FITS MANY FRAMES

Our basic thermostats can be mounted in many different types of frames and light switches, which makes system integration straightforward. They come complete with a floor sensor. Thanks to their IP21 enclosure rating, they are suitable for wet-room installation, too. And their simple, Scandinavian design makes them easy to fit into any interior.

	PRODUCT TYPE	PRODUCT FEATURES / TECHNICAL DATA	EAN-NUMBER
	OTN-1991-RU	<ul style="list-style-type: none"> <li>• Thermostat with setback mode 5°C incl. 3m floor sensor</li> <li>• 14A, IP21</li> <li>• Russian Language</li> </ul>	5703502621111
	OTN-1999-RU	<ul style="list-style-type: none"> <li>• Thermostat with setback mode 5°C with built-in room sensor</li> <li>• 16A, IP20</li> <li>• Russian Language</li> </ul>	5703502621128
	OTN-1991-RUA4	<ul style="list-style-type: none"> <li>• Thermostat with setback mode 5°C incl. 3m floor sensor</li> <li>• 16A, IP20</li> <li>• Russian Language</li> </ul>	5703502622927
	OTN2-1991	<ul style="list-style-type: none"> <li>• Thermostat IP21 with external 3m floor sensor and night setback / frost protection</li> <li>• 16A, IP20</li> </ul>	5703502614311
	OTN2-1999	<ul style="list-style-type: none"> <li>• Thermostat IP21 with built-in room sensor and night setback / frost protection</li> <li>• 16A, IP20</li> </ul>	5703502614328
	OTD2-1999	<ul style="list-style-type: none"> <li>• Thermostat incl. floor sensor and built-in sensor with setback mode</li> <li>• 16A, IP20</li> </ul>	5703502621586

## SIMPLE ON/OFF THERMOSTATS

For some systems – and some customers – what you really want are simple ON/OFF thermostats. These ON/OFF thermostats have proven their worth for years, giving reliable service to those who want the most straightforward kind of control. Here, users know exactly what they get at all times: they simply set the desired temperature on the knob – and, depending on the model chosen, switch the heat on or off on the switch. Pure simplicity that many still appreciate.

### FITS MANY FRAMES

Our simple ON/OFF thermostats can be mounted in many different types of frames and light switches, which makes system integration straightforward.

### PROVEN, TROUBLE-FREE TECHNOLOGY

Using well-tested, proven technology has obvious benefits for system designers: you will get very low field return rates with this basic on/off thermostat. And the solution makes immediate sense to installers and end-users alike.

	PRODUCT TYPE	PRODUCT FEATURES / TECHNICAL DATA	EAN-NUMBER
	OTN-1991H11	<ul style="list-style-type: none"> <li>• Thermostat with setback mode 5°C incl. 3m floor sensor</li> <li>• 14A, IP21</li> </ul>	5703502612676
	OTN-1999H	<ul style="list-style-type: none"> <li>• Thermostat with setback mode 5°C with built-in room sensor</li> <li>• 16A, IP20</li> </ul>	5703502612683
	MTC-1991UCH	<ul style="list-style-type: none"> <li>• Thermostat with 3m/10ft floor sensor</li> <li>• 16A, IP20</li> </ul>	5703502611068
	MTC-1999UCH	<ul style="list-style-type: none"> <li>• Thermostat with built-in sensor</li> <li>• 16A, IP20</li> </ul>	5703502611082
	MTN-1991-RU	<ul style="list-style-type: none"> <li>• Thermostat with built-in sensor</li> <li>• 14A, IP21</li> <li>• Night setback</li> <li>• Russian Language</li> </ul>	5703502623306
	MTU2-1991	<ul style="list-style-type: none"> <li>• Thermostat with setback mode 5°C incl. 3m floor sensor</li> <li>• 16A, IP20</li> </ul>	5703502614670
	MTU2-1999	<ul style="list-style-type: none"> <li>• Thermostat with setback mode 5°C with internal room sensor</li> <li>• 16A, IP20</li> </ul>	5703502614687
	MTU2-1991-RU	<ul style="list-style-type: none"> <li>• Thermostat with setback mode 5°C incl. 3m floor sensor</li> <li>• 16A, IP20</li> <li>• Russian Language</li> </ul>	5703502614694

## DIN-RAIL THERMOSTATS

Our DIN rail thermostats are universal thermostats that can be used in almost any situation: floor heating control, saunas, frost protection of pipes and cooling applications. These DIN rail relays are solidly made and based on proven technology for years of trouble-free service. And, of course, they allow you to fit everything neatly onto DIN rails in electrical enclosures, cabinets and so on.

### ALL-IN-ONE THERMOSTAT ETN4





Programmable DIN rail thermostat with display. Can handle two sensors. Excellent for heating, saunas, frost protection and more.

### SIMPLE THERMOSTAT ETV

Very simple DIN rail thermostat: just set the temperature at your chosen setpoint from 0 to 40 degrees.

### FROST PROTECTION THERMOSTAT – ETI

The ETI is similar to the ETV, but this simple DIN rail thermostat also handles temperatures below 0 degrees Celsius. Ideal for frost protection of pipes, etc.

	PRODUCT TYPE	PRODUCT FEATURES / TECHNICAL DATA	EAN-NUMBER
	ETV-1990	<ul style="list-style-type: none"> <li>• Thermostat for DIN-rail with Setback Mode</li> <li>• 16A</li> </ul>	5703502520940
	ETV-1991	<ul style="list-style-type: none"> <li>• Thermostat for DIN-rail with Setback Mode and 3m floor sensor</li> <li>• 16A</li> </ul>	5703502520964
	ETV-1991-P	<ul style="list-style-type: none"> <li>• Thermostat for DIN-rail with Setback Mode 3m floor sensor / potential-free contacts</li> <li>• 16A</li> </ul>	5703502650142
	ETV-1999	<ul style="list-style-type: none"> <li>• Thermostat for DIN-rail with Setback Mode and 3m floor sensor incl. remote room sensor</li> <li>• 16A</li> </ul>	5703502520971
	ETV-1991-RU	<ul style="list-style-type: none"> <li>• Thermostat for DIN-rail with Setback Mode and 3m floor sensor</li> <li>• 16A</li> <li>• Russian Language</li> </ul>	5703502650210
	ETN4-1999	<ul style="list-style-type: none"> <li>• “All-in-one” Thermostat for DIN Rail Mounting, 3m floor sensor</li> <li>• 16A</li> </ul>	5703502650289
	MM-7595	<ul style="list-style-type: none"> <li>• Electronic day/week timer for DIN-rail</li> </ul>	4011732013110



## ICE & SNOW MELTING








We have used our extensive experience with thermostats and sensors to develop a range of ice and snow melting systems that will keep pipes, driveways, roofs etc. safe during even the harshest winters.






### SAVE ENERGY WITH INTELLIGENT SENSING

Our ice and snow melting system will set in only when the outdoor temperature drops below the selected setting and the sensors actually detects snow or ice. This way your system only uses energy when it is needed.

### CAN HANDLE TWO ZONES SIMULTANEOUSLY

The system can handle two systems at the same time. For example, you can use them to ensure efficient melting in gutters and a carpark area at the same time. The system can be used both with electric and hydronic systems, giving all system designers maximum flexibility.

	PRODUCT TYPE	PRODUCT FEATURES / TECHNICAL DATA	EAN-NUMBER
	ETO2-4550-EU28	<ul style="list-style-type: none"> <li>Ice and snow melting controller</li> <li>3x16A / 2 zones</li> </ul>	5703502660134
	ETR2-1550	<ul style="list-style-type: none"> <li>Thermostat for small Ice / Snow melting applications</li> <li>16A</li> </ul>	5703502660141
	ETOP-4770	<ul style="list-style-type: none"> <li>Snow &amp; Ice melt control</li> <li>3 x 30A Single zone</li> <li>Outdoor placement</li> </ul>	5703502906164
	ETOP-R	<ul style="list-style-type: none"> <li>Remote control for ETOP</li> </ul>	5703502906171
	ETOG-55-US224	<ul style="list-style-type: none"> <li>Ground sensor for detection of temperature and moisture</li> <li>10m/33'</li> </ul>	5703502660264
	ETOG-56	<ul style="list-style-type: none"> <li>Ground sensor for detection of temperature and moisture for sensor tube application</li> <li>25m/80'</li> </ul>	5703502660356
	ETOR-55-US224	<ul style="list-style-type: none"> <li>Gutter sensor for detection of moisture</li> <li>10m/33ft</li> </ul>	5703502660028




	PRODUCT TYPE	PRODUCT FEATURES / TECHNICAL DATA	EAN-NUMBER
	ETOK-1	<ul style="list-style-type: none"> <li>• Mounting kit for ETOG-56</li> <li>• Sensor tube</li> </ul>	5703502660363
	ETF-744/99	<ul style="list-style-type: none"> <li>• Outdoor sensor for detection of temperature (Ice &amp; Snow melting application)</li> <li>• 12k</li> </ul>	5703866101854
	ETR/F-1447A	<ul style="list-style-type: none"> <li>• Roof &amp; gutter thermostat with outdoor sensor</li> <li>• 16A, -15/+10°C, 230V</li> </ul>	5703502650197
	ETR/F-1447P	<ul style="list-style-type: none"> <li>• Roof &amp; gutter thermostat (potential free contact) with outdoor sensor</li> <li>• 10A, -10/+10°C, 230V</li> </ul>	5703502520810
	ETI-1551	<ul style="list-style-type: none"> <li>• Thermostat with adjustable differential</li> <li>• 10A, -10/+50°C, 230V</li> </ul>	5703502532875
	ETF-622	<ul style="list-style-type: none"> <li>• Temperature sensor for pipe</li> <li>• 12k, -40/+120°C</li> </ul>	5703866101700

## SENSORS

We offer a wide range of sensors for various purposes including floor and room sensors for electrical floor heating and ground, gutter and outdoor temperature sensors for ice and snow melting.

### PICK THE WIRE TYPE YOU NEED

Our sensors come in many different forms to suit different settings: stiff or flexible wires, flat wires, etc. This ensures that our clients can cater to many different applications and markets.

	PRODUCT TYPE	PRODUCT FEATURES / TECHNICAL DATA	EAN-NUMBER
	ETF-144/99A	<ul style="list-style-type: none"> <li>• Floor sensor with stiff wire</li> <li>• 12k</li> </ul>	5703866101069
	ETF-144/99B	<ul style="list-style-type: none"> <li>• Floor sensor with flexible wire</li> <li>• 12k</li> </ul>	5703502500508
	ETF-144/99T	<ul style="list-style-type: none"> <li>• Thin floor sensor - 3m</li> <li>• 12k</li> </ul>	5703502690490
	ETF-144/99T-10M	<ul style="list-style-type: none"> <li>• Thin floor sensor - 10m</li> <li>• 12k</li> </ul>	5703502901763
	ETF-944/99-H	<ul style="list-style-type: none"> <li>• Remote room sensor</li> <li>• 12k</li> </ul>	5703502500379

# KNOW HOW CREATES

For over half a century OJ Electronics has specialised in designing and developing electronic controls for HVAC and underfloor heating systems.

With a reliable yet flexible supply chain, we take pride in delivering quality and performance in all our systems.

We understand the challenges our customers face and work closely with them to find original solutions. And by channelling our insight we create new opportunities for professionals throughout the industry to provide greater comfort.

## OJ ELECTRONICS A/S

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### HEADQUARTERS

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