








Quick Selection Guide

Thermostats for electrical under floor heating etc.

							
OJ Microline® range	Comfort thermostat with triac output	Thermostat with setback mode	Heat-Master clock thermostat	Thermostat incl. 2 sensors with clock function	Thermostat incl. 2 sensors with setback mode	Heating regulator	
Application	Recommended for under floor heating in low constructions.	Standard thermostat. Setback temperature via remote timer.	Built-in clock function for automatic comfort and setback temperature.	Sensor 1: Regulation. Sensor 2: Min./max. limitation. Setback temp. with built-in timer.	Sensor 1: Regulation. Sensor 2: Min./max. limitation. Setback temp. via remote timer.	Infinitely variable control of fixed heating output.	
Type No.	OEC-1991H incl. floor sensor 3m	OTN-1991H11 incl. floor sensor 3m OTN-1999H w/built-in room sensor	OCC-1991H incl. floor sensor 3m OCC-1999H w/built-in room sensor	OCD-1991H 2 floor sensors 3m OCD-1999H w/built-in room sensor incl. floor sensor 3m	OTD-1999H w/built-in room sensor incl. floor sensor 3m	ORC-1000H (without sensor)	
Technical data Mounting ¹⁾ Supply 50/60 Hz Output relay Temperature range – Sensor 2 Setback temperature Built-in interrupter Dim. H x W x D	Flush mounting 230V +10/-15% 200-1000W Triac +5/+40°C – – 2-pole 80 x 80 x 50 mm	Flush mounting 230V +10/-15% 14A, 16A +5/+40°C – 5°C 1-pole 80 x 80 x 50 mm	Flush mounting 230V ±15% 16A +5/+40°C – +5/+40°C Switch-off heating 80 x 80 x 50 mm	Flush mounting 230V ±15% 16A +5/+40°C +5/+55°C min./max. +5/+40°C Switch-off heating 80 x 80 x 50 mm	Flush mounting 230V +10/-15% 16A +5/+40°C +15/+50°C min./max. 2-8°C 2-pole 80 x 80 x 50 mm	Flush mounting 230V ±10% 200-1000W Triac 1-10 = 10-100% – – 2-pole 80 x 80 x 50 mm	
<i>Further information in leaflet:</i>	Section 3 page 1.1	Section 3 page 1.2	Section 3 page 1.3	Section 3 page 1.4	Section 3 page 1.5		

¹⁾Surface wall mounting by means of baseplate type OTN-VH.

						
Thermostat type	Thermostat for surface wall mounting	Heating regulator	Heating regulator with built-in setback program	Remote room sensor	Baseplate for OJ Microline®	Day/week timer
Application	Standard thermostat. Setback temp. via remote timer.	Infinitely variable control of fixed heating output.	Like MRC with built-in setback program.	Mounting of remote room sensor ¹⁾ .	For surface wall mounting of types of OJ Microline®.	For control of setback temperature for types with setback mode.
Type No.	MTU-1991HN ²⁾ incl. floor sensor 3m MTU-1999HN ²⁾ with built-in sensor	MRC-16H (without sensor)	MRW-16H (without sensor)	ETF-944/99H	OTN-VH	MM-7595
Technical data Mounting Supply 50/60 Hz Output relay Temperature range Setback temperature Built-in interrupter Dim. H x W x D	Surface wall 230V ±10% 10A +5/+40°C 5°C – – 84 x 84 x 28 mm	Flush mounting ³⁾ 230V ±10% 16A 1-10 = 10-100% – 2-pole 84 x 84 x 50 mm	Flush mounting ³⁾ 230V ±10% 16A 1-10 = 10-100% 50% of SET point 2-pole 84 x 84 x 50 mm	Surface wall 84 x 84 x 28 mm	Surface wall 80 x 80 x 42 mm	DIN-rail 230V ±10% 16A 90 x 35 x 60 mm

¹⁾Thermostat incl. floor sensor is used, but the remote room sensor is mounted instead of floor sensor. ²⁾Further information for type MTU in leaflet section 3. ³⁾Surface wall mounting by means of base plate type MTC-VH.

Comfort heating of floor and room heating

Thermostats for DIN-rail mounting:

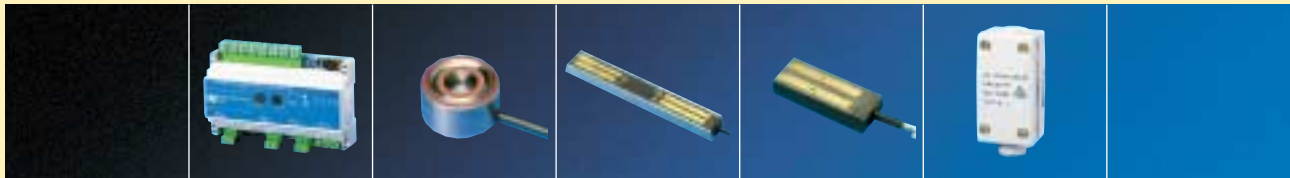


Type No.	ETV-1991	ETV-1999	ETV-1991-P	ETN/F-2P-1441	ETN/F-2P-1449	ETF-944/99-H
Thermostat type	Thermostat incl. floor sensor 3m	Thermostat incl. room sensor	Thermostat incl. floor sensor 3m	Thermostat incl. floor sensor 3m	Thermostat incl. room sensor	Room sensor for type ETV and ETN
Supply 50/60 Hz	230V ±10%	230V ±10%	230V ±10%	230V ±10%	230V ±10%	
Output relay	16A	16A	16A potential free	16A	16A	
Temperature range	0/+40°C	0/+40°C	0/+40°C	0/+35°C	0/+35°C	
Setback temperature	5°C	5°C	-	+3/+10°C	+3/+10°C	
Built-in interrupter	-	-	-	2-pole	2-pole	
On/off difference	0,4°C	0,4°C	0,4°C	0,3-6°C	0,3-6°C	
Dim. H x W x D	86 x 36 x 58 mm	86 x 36 x 58 mm	86 x 36 x 58 mm	86 x 52,5 x 58 mm	86 x 52,5 x 58 mm	84 x 84 x 28 mm

Further information in leaflet section 3 page 4.1

Snow melting system

Control of snow melting systems in outdoor area and gutter etc.:



Type No.	ETO-1550	ETOG-55	ETSG-55	ETOR-55	ETF-744/99	
Thermostat type	Thermostat incl. cover	Ground sensor Detects moisture and temperature	Ground sensor Detects moisture and temperature	Gutter sensor Detects moisture	Outdoor sensor Detects temperature	
Mounting	DIN-rail	Ground surface	Ground surface	Gutter etc.	Wall surface	
Supply 50/60Hz	230V ±10%	24V	24V	24V	-	
Output relay	10A, 10A, 16A	-	-	-	-	
Temperature range	0/+5°C	-	-	-	-	
Dim. H x W x D	90 x 156 x 45 mm	H32, Ø60 mm	350 x 50 x 25 mm	105 x 30 x 13 mm	86 x 45 x 35 mm	
- incl. cover	170 x 162 x 45 mm					

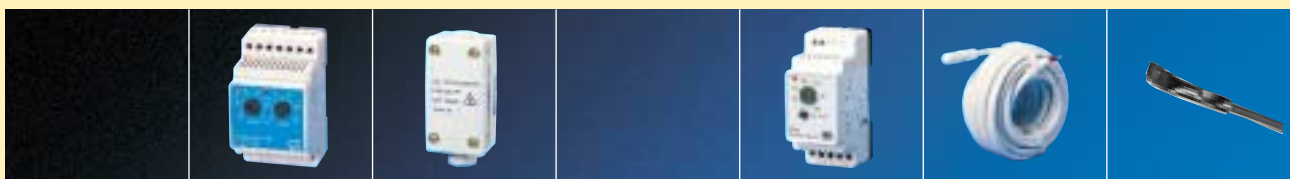
Further information in leaflet section 3 page 5.1

Heating cable in gutter

Thermostat with outdoor sensor:

Frost protection of pipes, ground etc.

Thermostat with temperature sensor:



Type No.	ETR-1441P	ETF-744/99		ETI-1551	ETF-144/99A	ETF-655
Thermostat type	Thermostat	Outdoor sensor for temperature		Thermostat ¹⁾	Temperature sensor for ground	Temperature sensor for pipe
Mounting	DIN-rail	Wall surface		DIN-rail	In conduit	Outside on pipe
Supply 50/60 Hz	230V ±10%	-		230V ±10%	-	-
Output relay	10A potential free	-		10A potential free	-	-
Temperature range	-10/+10°C	-		-10/+50°C	-	-
Dim. H x W x D	86 x 52,5 x 58 mm	86 x 45 x 35 mm		86 x 36 x 58 mm	7.2 x 5.5 mm	8 x 12 mm

Further information about ETR in leaflet section 3 page 5.2.

¹⁾Thermostat with galvanic separation.

OJ Thermostat programme includes:

- Thermostats for flush mounting
 - Thermostats for wall mounting
 - Thermostats for DIN rail mounting
 - Thermostats for snow melting and frost protection
 - Triac thermostat and controllers from 1-44 kW
- Please, require catalogue

OJ ELEKTRONIK A/S · Denmark · www.oj.dk