

All-in-One

ECD4 DIN Rail Thermostat

Popular DIN rail thermostat now has programmable schedule, built-in clock, and graphical display



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ECD4 DIN Rail Thermostat

A staple of the OJ Electronics range - our "all-in-one" DIN rail thermostat for electrical floor heating, frost protection, ice and snow melting and cooling - has been given a major overhaul. In the process, it has taken on a whole new look thanks to its new display, and it now boasts several new key features:

- ✓ Programmable schedule
- ✓ Built-in clock with battery backup
- ✓ Graphical user interface for easy installation
- ✓ Multi languages user Interface
- ✓ Pipe protection mode
- ✓ Ecodesign compliant

Of course, it still has the familiar benefits such as:

- ✓ Extended control range: -20 to 80 degrees Celsius
- ✓ Input for night setback and frost protection
- ✓ Suitable for cooling - w/invertible relay function and differential temperature
- ✓ Built-in 2 pole 16 Amp interrupter for optimum safety

Technical Data

PRODUCT PROGRAMME

| Type | Product |
|--------------|--|
| ECD4-1991 | "All-in-one" DIN rail thermostat with schedule |
| ETN4-1999 | "All-in-one" thermostat for DIN Rail mounting inkl. floor sensor |
| ETF-944/99-H | Remote room sensor |
| ETF-144/99T | Thin floor sensor |

TECHNICAL DATA

| | |
|--------------------------------------|--|
| Supply voltage | 230V AC $\pm 10\%$ 50/60Hz |
| Standby power | 0.5 Watt |
| Output relay SPST | 16A, resistive load or 1A inductive load |
| Interrupter | 2-pole, 16A |
| Control temperature range (extended) | -20.5 to +80°C |
| Control accuracy | $\pm 0.4^\circ\text{C}$ |
| Floor limit range | -19.5/+70°C |
| Ambient temperature | -10/+55°C during operation |
| Night setback relative | -19.5/+30°C |
| Night setback regulator | 1-100% |
| Frost protection Abs. | Frost protection Abs. |
| Frost protection regulator | 1-100% |
| Regulation principle | PWM / PI or ON/OFF |
| Housing | IP20 |
| Sensor type | NTC (12 K Ω) 3m max. 30m |
| Display | 100x64 pixel STN – white backlight |
| Dimensions, (H/W/D) | 88.5 / 52.9 / 57.3 mm |
| Warranty | 3 years |

