



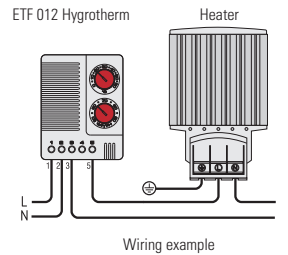
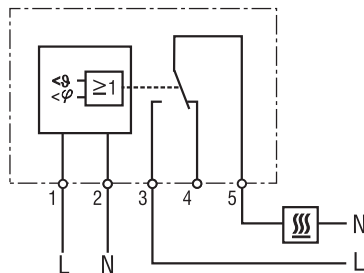
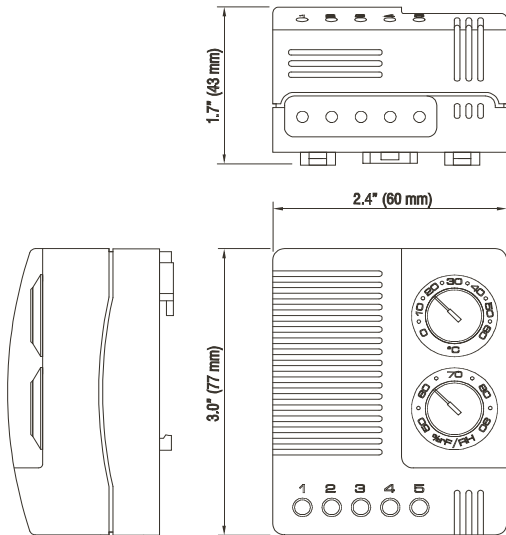
- Efficient temperature & humidity control**
- Wide adjustment ranges**
- High switching capacity**
- Optical function displays (LED)**
- DIN rail mountable**

The ETF 012 senses the ambient temperature and relative air humidity. Depending on which contact combination is chosen, it then turns on or off a connected device if either the temperature is below or the humidity is above the set point. The integrated LED in each adjustment knob is lit when indicating the active function.



Technical Data

Switching difference - temperature	3.6°F (2K) ± 1K tolerance - at 77°F (25°C) and 50% RH
Switching difference - humidity	4% RH ± 1% tolerance - at 77°F (25°C) and 50% RH
Response time - humidity	approx. 5 sec.
Contact type	SPDT / change-over contact (relay)
Contact resistance	< 10mΩ
Service life	NC: > 50,000 cycles NO: > 100,000 cycles
Max. switching capacity	NC: 6A resistive / 1A inductive @ 120VAC NO: 8A resistive / 1.6A inductive @ 120VAC NC: 6A resistive / 1A inductive @ 240VAC NO: 8A resistive / 1.6A inductive @ 240 VAC 4A @ 24VDC
Connection	5-pole terminal, clamping torque 0.5Nm max.: solid wire - AWG 14 max. (2.5mm ²) stranded wire (with wire end ferrule) - AWG 16 max. (1.5mm ²)
Housing	plastic, UL 94V-0, light grey
Mounting	clip for 35mm DIN rail, EN 60 715
Mounting position	vertical
Operating temperature	+32 to +140°F (0 to +60°C)
Storage temperature	-4 to +176°F (-20 to +80°C)
Dimensions	3.0 x 2.4 x 1.7" (77 x 60 x 43mm)
Weight	approx. 7 oz. (200g)
Protection type	IP20



Part No.	Operating voltage	Setting range - temperature	Setting range - humidity	Approvals
01230.0-00	230VAC, 50/60Hz	0 to 60°C	50 to 90% RH	UL File No. E164102, VDE
01230.0-01	230VAC, 50/60Hz	32 to 140°F	50 to 90% RH	UL File No. E164102, VDE
01230.9-00	120VAC, 50/60Hz	32 to 140°F	50 to 90% RH	UL File No. E164102
01230.9-01	120VAC, 50/60Hz	0 to 60°C	50 to 90% RH	UL File No. E164102

Specifications are subject to change without notice. Suitability of this product for its intended use and any associated risks must be determined by the end customer/ buyer in its final application.