



Adjustable & pre-set relative humidity setpoints

Compact design

High switching capacity

Optical function display (LED)

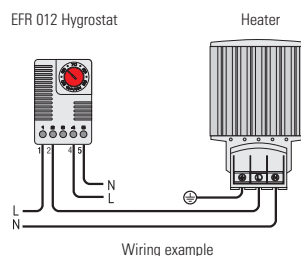
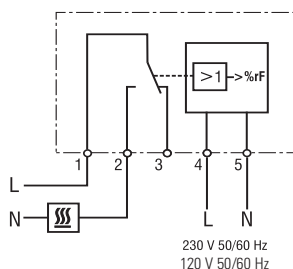
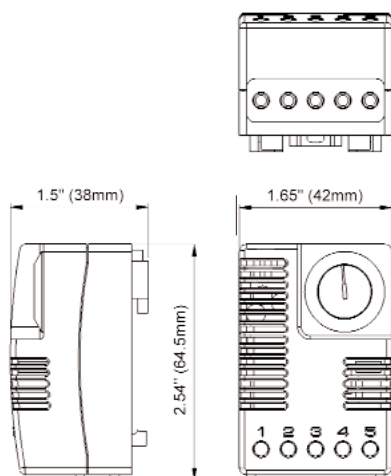
DIN rail mountable

The EFR 012 electronic hygrostat senses the relative humidity in an enclosure and turns on a heater at the set point, helping prevent the formation of condensation in the enclosure. The integrated LED is lit when the connected device is in operation.



Technical Data

Switching difference	5 %RH (± 1 % tolerance) - at 77 °F (25 °C) and 50 %RH
Reaction time	approx. 5 seconds
Contact type	SPDT / change-over contact (relay)
Service life	> 50,000 cycles
Max. switching capacity (relay output)	8 A resistive / 1.6 A inductive @ AC 120 V 8 A resistive / 1.6 A inductive @ AC 240 V 4 A @ DC 24 V
Max. inrush current	AC 16 A for 10 sec.
Connection	5-pole terminal, clamping torque 0.5 Nm max.: solid wire - AWG 14 max. (2.5 mm ²) stranded wire (w/ wire end ferrule) - AWG 16 max. (1.5 mm ²)
Housing	plastic, UL 94V-0, light grey
Mounting	clip for 35 mm DIN rail, EN 60715
Mounting position	vertical
Operating temperature	+32 to +140 °F (0 to +60 °C)
Storage temperature	-4 to +176 °F (-20 to +80 °C)
Max. storage humidity	90 %RH (non-condensing)
Dimensions	2.54 x 1.65 x 1.5" (64.5 x 42 x 38 mm)
Weight	approx. 2.3 oz. (65 g)
Protection type	IP20



Part No.	Operating voltage	Setting range	
01245.0-00	AC 230 V, 50/60 Hz	40 to 90 %RH	
01245.9-00	AC 120 V, 50/60 Hz	40 to 90 %RH	
01246.0-00	AC 230 V, 50/60 Hz	65 %RH pre-set	
01246.9-00	AC 120 V, 50/60 Hz	65 %RH pre-set	

*Tested according to UL Standard No. 873

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.