

## ELECTRONIC HYGROSTAT - EFR 012

EFR

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EFR 012 Hygrostat, 40...90% RH, change over, 120V ac,

- Adjustable and pre-set relative humidity
- Status indicator (LED)
- High switching capacity
- Clip fixing
- Temperature-compensated



### PRODUCT DESCRIPTION

The electronic hygrostat senses the relative humidity in an enclosure with electric/electronic components and turns on a heater at the set point, helping prevent the formation of condensation in the enclosure. The LED integrated in the adjustment knob is lit when the connected heater is in operation

## TECHNICAL DATA

### GENERAL DATA

Control range humidity from	40 % RF
Control range humidity to	90 % RF
Hysteresis humidity	5% RH @ 25°C @ 50% RH
Mounting	Clip on, DIN rail
Contact type	Changeover (SPDT)
Colour	Light grey

### RATED OPERATING CONDITIONS

Voltage max	120 V ac
Voltage min	120 V ac
Inrush max	16 A
Breaking capacity	AC 240 V / AC 120 V 8 (1,6) A
Connection type	5-pole terminal

Operational temperature	0 °C ... +60°C
Storage temperature	-20°C ... +70°C
Life span	> 50,000 cycles
Operating humidity	< 90% RH
Humidity storage	<90% RH

### DIMENSIONS

Height	64.5 mm
Width	42 mm
Depth	38 mm
Weight	0.07 kg
Material of body	Plastic

### SAFETY & APPROVALS

IP class	IP20
Approvals	CE, cULus, EAC, RoHS, UL, UL E164102
Flammability class	UL94-V0
Frequency	50/60 Hz



