

## ELECTRONIC HYGROSTAT, EFR 012 SERIES

### General characteristics

- **Hysteresis (Humidity)** 5% RH ( $\pm 1$  RH tolerance) at 25 °C
- **Reaction time** Approx. 5 sec.
- **Contact class** Inverter contact
- **Connection capacity** 240 Vac, 8 (1.6) A  
120 Vac, 8 (1.6) A  
24 V dc, 4 A
- **Connection** 5 pole flanges, even max 0.5 Nm
- **Housing** plastic according to UL94 V-0, light grey
- **Fixing** clip for 35mm DIN rail, EN 50022
- **Mounting position** vertical
- **Protection class** IP 20

Code	Supply voltage	Range of humidity regulation
EFR01245	230 Vac ; 50/60 Hz	40 / 90 % RH
EFR01246	230 Vac ; 50/60 Hz	Preset adjustment at 65% RH



## ELECTRONIC HYGROSTAT, ETF 012 SERIES

### General characteristics

- **Hysteresis (Temperature)** 2 °C ( $\pm 1$  °C tolerance) at 25 °C / 50% RH
- **Hysteresis (Humidity)** 4% RH ( $\pm 1$ % RH tolerance) at 25 °C / 50% RH
- **Reaction time** Approx. 5 sec.
- **Contact class** Inverter contact
- **Contact resistance** <10 Mohm
- **Connection capacity** NC: 240 Vac, 6 (1) A  
NO: 240 Vac, 8 (1.6) A  
NC: 120 Vac, 6 (1) A  
NO: 120 Vac, 8 (1.6) A  
24 V dc, 4 A
- **Connection** 5 pole flanges, even max 0.5 Nm
- **Housing** plastic according to UL94 V-0, light grey
- **Fixing** clip for 35mm DIN rail, EN 50022
- **Mounting position** vertical
- **Protection class** IP 20

Code	Range of temperature regulation	Range of humidity regulation	Weight in Kg
ETF01230	+0 ... +60 °C	50 ... 90 % RH	0,20

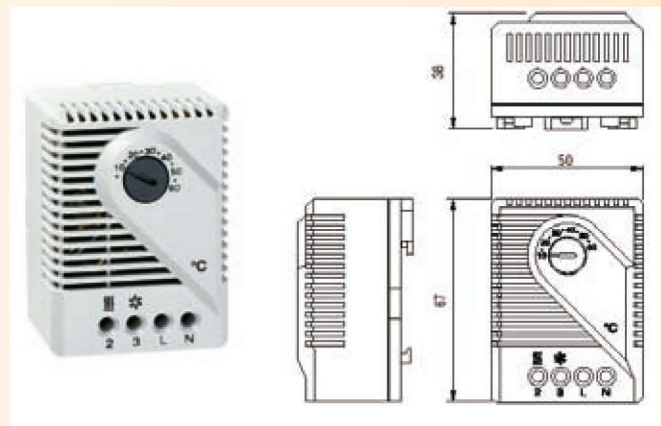


## MECHANICAL THERMOSTAT, FZK 011 SERIES

### General characteristics

- **Temperature range** 5 ... 60 °C adjustable
- **Temperature differential** 4 °C  $\pm$  1 °C
- **Sensor** Bimetallic
- **Supply current** 230 - 250 Vac, 50 - 60 Hz
- **Contact class** Commuted contacts
- **Connection capacity** Open contact: Ohmic charge: 10A, 250 Vac  
Inductive charge (cos  $\phi$  = 0'6): 4 A; 250 Vac  
Closed contacts: Ohmic charge: 5A, 250 Vac  
Inductive charge (cos  $\phi$  = 0'6): 2 A; 250 Vac  
Flanges on the housing, 4 x 2'5 mm<sup>2</sup>
- **Connection** light grey plastic
- **Housing** clip for 35mm DIN rail, EN 50022
- **Mounting position** variable
- **Protection class** IP 20

Code	Temperature range	Dimensions in mm	Weight in Kg
FZK011	+5 ... +60 °C	67 x 50 x 38	0,10



## FIXED THERMOSTAT, FTO 011/FTS 011 SERIES

### General characteristics

- **Probe** Thermostatic bimetal
- **Contact class** Exhaust contact
- **Contact resistance** <20 Mohm
- **Life length** >100,000 cycles
- **Connection capacity** 250 Vac, 5 (1.6)A  
120 Vac, 10 (2)A  
30 W dc
- **Connection** 2 poles, terminal 2.5 mm<sup>2</sup>, even 0,8Nm max.
- **Housing** plastic according to UL94 V-0, light grey
- **Fixing** clip for 35mm DIN rail, EN 60715
- **Dimensions** 47 x 33 x 33 mm
- **Mounting position** variable
- **Protection class** IP 20
- **Standardisations** VDE + UL File n° E164102

Code	Contact	Disconnection temperature	Connection temperature
FTO-01160-00	Normally closed	15 °C ( $\pm 5$ °C)	5 °C ( $\pm 5$ °C)
FTO-01160-01	Normally closed	25 °C ( $\pm 5$ °C)	15 °C ( $\pm 5$ °C)

Code	Contact	Connection temperature	Disconnection temperature
FTS-01161-00	Normally open	50 °C ( $\pm 6$ °C)	40 °C ( $\pm 7$ °C)
FTS-01161-01	Normally open	60 °C ( $\pm 6$ °C)	50 °C ( $\pm 7$ °C)
FTS-01161-02	Normally open	35 °C ( $\pm 6$ °C)	25 °C ( $\pm 7$ °C)

