NEW: ELECTRONIC HYGROTHERM - AVAILABLE TO ORDER

ETF 012 | 01260.0-00



The electronic hygrotherm simultaneously monitors temperature and air humidity in enclosures and casings. Condensation is avoided by switching the heating and fans as required.

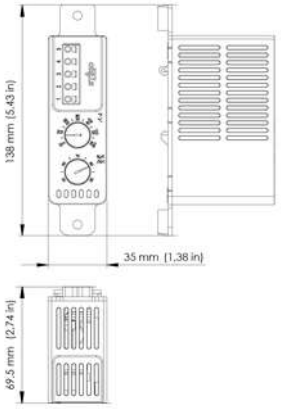
- Adjustable temperature and air humidity
- Wide-range voltage
- Standard DIN width (35 mm)
- Push-in terminal
- High switching capacity
- Operating temperature down to -40 °C
- Optical status display

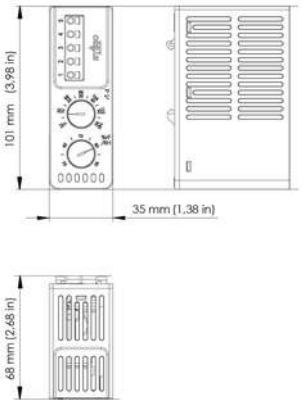
OVERVIEW TECHNICAL DATA

Device type	Hygrotherm
Setting range	0 °C - 60 °C
Contact type	Relay
Protection type	IP20
Operating display	LED
Casing	Plastic to UL94 V-0, light gray
AC/DC	AC;DC
Operating voltage	24 V - 240 V
Inrush current	30 A
Inrush current duration	10 s
Frequency	45-65 Hz
Power consumption	1 W
Switching current ohmic	16 A
Reference voltage ohmic	240 VAC
Reference voltage 2 ohmic	120 VAC
Switching current inductive	1,6 A
Reference voltage inductive maximum	240 VAC
Reference voltage 2	120 VAC
Switching current dc ohmic	0,6 A
Reference voltage dc ohmic	60 VDC
Reference voltage	24 VDC
Reaction time	3 s
Service life	>30000 cycles
Setting range 2	50 % RH - 90 % RH
Switching differential	2 K

Switching differential tolerance	± 1 K
Switching differential 2	4 % RH
Switching differential 2 tolerance	± 1 % RH
Operating temperature	-40 °C - 70 °C
Operating humidity	≤95 % RH
Storage humidity	≤95 % RH
Storage temperature	-45 °C - 85 °C
Connection	5-pole clamp: rigid wire/stranded wire with wire end ferrule 2.5 mm² (AWG 14)
Design	Change-over contact
Mounting	Clip for 35 mm DIN rail, EN 60715 and screw connection
Height	138 mm
Width	35 mm
Depth	69,5 mm
Weight	200 g
Note	Switching resistive load (switching inductive load). Wire end ferrules must be used for connections with stranded wires.

TECHNICAL DRAWINGS





Connection diagram

