NEW: ELECTRONIC HYGROTHERM - AVAILABLE TO ORDER

ETF 012 | 01260.0-01



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

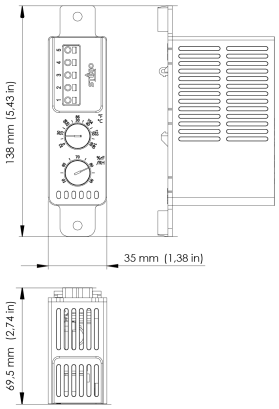
- Adjustable temperature and air humidity
- Wide-range voltage
- Standard DIN width (35 mm)
- Push-in terminal
- High switching capacity
- Operating temperature down to -40 °C
- Optical status display

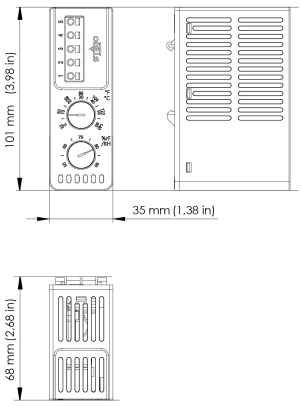
OVERVIEW TECHNICAL DATA

Device type	Hygrotherm
Setting range	32 °F - 140 °F
Contact type	Relay
Protection type	IP20
Operating display	LED
Casing	Plastic to UL94 V-0, light grey
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 % rF - 90 % rF
Switching differential	2 K

Switching differential tolerance	± 1 K
Switching differential 2	4 % rF
Switching differential 2 tolerance	± 1 % rF
Operating temperature	-40 °F - 158 °F
Operating humidity	≤95 % rF
Storage humidity	≤95 % rF
Storage temperature	-49 °F - 185 °F
Connection	5-pole clamp: rigid wire/stranded wire with wire end ferrule 2.5 mm² (AWG 14)
Design	Changer
Mounting	Clip for 35 mm DIN rail, EN 60715
Height	4 in
Width	1.4 in
Depth	2.7 in
Weight	7.1 oz
Note	Switching resistive load (switching inductive load). Wire end ferrules must be used for connections with stranded wires.

TECHNICAL DRAWINGS





Connection diagram

