

Datasheet RFHSS-114.110/01

Articlenumber: ZN275001

Switch cabinet hygrostat, 40...90% r.H.

Switch cabinet hygrostat designed especially for monitoring and controlling humidity in switch cabinets, drinks machines or ATMs.



Ambient temperature, lower value	0 °C
Ambient temperature, upper value	60 °C
Average power consumption	0 W
Bearing temperature, lower value	-20 °C
Bearing temperature, upper value	80 °C
Colour	Grey
Connection cross-section	0,5 mm ² - 2,5 mm ²
Depth	46 mm
Electric connection	Screw terminals
External setting	Yes
Height	64 mm
Housing material	Plastic PA6
Humidify / dehumidify control function	Yes
Maximum air humidity (non-condensing)	95 % r.H
Maximum switching current	E: 5 (0,2) A ; B: 2 (0,2) A
Maximum switching voltage	230 V AC, 50 Hz
Medium	Air, not aggressive
Minimum switching current	100 mA

Minimum switching voltage	24 V AC / 50 Hz
Mounting / attachment	On supporting rails (35 mm), EN 60715
Number of control ranges	1
Number of outputs	2
Operating voltage	None
Operation	Rotary knob
Output signal	Humidify or dehumidify, switching
Protection class	0, determined by the assembly location
RAL colour number (similar)	7035
Safety and EMC	In accordance with DIN EN 60730
Sensor element	Plastic fibres
Setting range, rel. air humidity lower value	40 %
Setting range, rel. air humidity upper value	90 %
Surface properties	Matt
Switching contact	Two-way contact
Switching difference	Approx. 5% r.H.
Switching element	Microswitch
Switching power	1150 W bzw. 460 W
Test mark approval	UL at 230 VAC
Type of protection	IP30
Width	37 mm

