

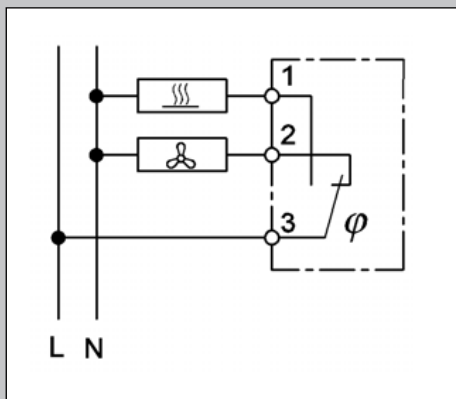


WINDPOWER

LSHYG hygrostat

- High quality
- UL-approved

LSHYG hygrostats switch on control cabinet heaters or filterfans when a preset relative humidity is exceeded. The relative humidity is kept above the dew point and the condensation of water on electrical components and the corrosion of unprotected sheet metal is prevented. The electronic combination device unites thermostat and hygrostat in one housing and, at the same time, monitors the relative humidity and the temperature independently of each other.



TECHNICAL SPECIFICATIONS

Device implementation	mechanical hygrostat	
Type of contact	changeover with spring contact	
Setting range	40 - 90 % R.H.	
Switching temperature difference	approx 5 %	
Switching point tolerance	± 4 K	
Contact resistance	-	
Max. switching power	N.C.	24 - 250 V AC / 5 (0.2)A - min. 100 mA
value in brackets:	N.O.	24 - 250 V AC / 2 (0.2)A - min. 100 mA
inductive load at cos = 0.6	DC	max. 30 W
Operating temperature range	0 ... +60 (+30 ... +140) °C (°F)	
Storage temperature range	-20 ... +80 (-4 ... +179) °C (°F)	
Probe type	polyamide belt	
System of protection	IP 20	
Weight	55 g	
Connection	screw terminal for cable cross-section 0.5 to 2.5 mm ²	
Approvals	UL, cUL	
Suitable for the operation of	fan and heater	
Type of mounting	snap fastening for 35mm profile bars according to EN 60715	
Colour	RAL 7035	

