Datasheet **WFRRN-210.018**

Articlenumber: D4780572

Dew point monitor, 230 VAC, changeover contact

Electronic dew point monitor with standard rail mounting for detecting and reporting the dew point. If the dew point sensor (TPS 1, 2, 3) is installed correctly, it prevents dripping condensation from the cooled parts of the cooling circuit. For this purpose, a dew point sensor located at a suitable point on the cooling circuit is evaluated and a potential-free changeover contact is switched over in the event of condensation. This contact can be used for direct interruption of cooling or for indirect interruption of cooling by signaling to a building management system. If the optimum installation location cannot be clearly defined, it is possible to connect up to 5 dew point sensors to the monitor in parallel. The activated function "Cooling interruption due to dew point triggering" is indicated by a red lamp on the device. The switching point is fixed at approx. 98 % r.H.

Ambient temperature	0 … 55 °C
Bearing temperature	–20 … 70 °C
Colour	Light grey
Dimensions (W x H x D)	36 mm x 86 mm x 62,5 mm
Electric connection	Screw terminals
Housing material	Plastic PC
Max. air humidity (non-condensing)	95 % r.H.
Max. switching current	10 (3) A (230 VAC), 10 A (30 VDC), 1 A (60 VDC)
Max. switching voltage	230 VAC, 50 Hz / 60 VDC
Medium	Air
Min. switching current	Depending on switch. voltage (min. 0.3 W)
Montage/Befestigung	On supporting rails (35 mm), EN 60715
Number of outputs	2
Operating voltage	230 VAC, 50 Hz

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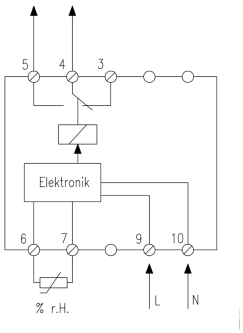
Output signal	Continuous
Potential free switching contact	Yes
Protection class	II, following appropriate mounting
RAL colour number (similar)	7035
Relative humidity setting range	98 %
Safety and EMC	In accordance with DIN EN 60730
Surface finish	Matt
Switching contact	Two-way contact
Switching difference, can be adjusted	No
Switching element	Relay



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