

## **ELECTRONIC HYGROSTAT - DC LINE**

## DCF 010 DC 20 to 56 V



- > High DC switching capacity
- > Adjustable humidity
- > Small hysteresis
- > Optical operating display (LED)
- > Integrated switch module
- > Precise measurement via an external

The electronic hygrostat with integrated switch module is used to control DC powered devices with high capacities in control and switch cabinets. Heaters, coolers, filter fans or signal devices can directly be controlled via an internal electronic circuit. The external sensor can be positioned freely anywhere in the control cabinet for precise measurement of the atmospheric humidity. Additionally, this hygrostat is available in versions that not only measure the relative humidity via the external sensor, but also the temperature.





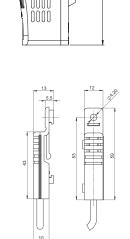




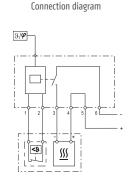


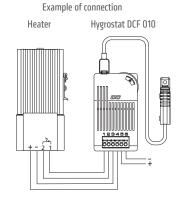


<sup>&</sup>lt;sup>1</sup>When connecting with stranded wires, wire end ferrules must be used.



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Art. No.	Max. switching capacity	Operating temperature	Primary switching function setting range humidity	Secondary switching function <sup>2</sup> Switch-on temperature	Contact (primary)
01012.0-20	DC 15 A	-40 to +40 °C (-40 to +104 °F)	40 to 90 % RH	+5 °C (+41 °F) pre-set	Contact maker (NO)
01012.0-21	DC 13 A	-40 to +50 °C (-40 to +122 °F)	40 to 90 % RH	+5 °C (+41 °F) pre-set	Contact maker (NO)
01012.0-22	DC 11 A	-40 to +60 °C (-40 to +140 °F)	40 to 90 % RH	+5 °C (+41 °F) pre-set	Contact maker (NO)

<sup>&</sup>lt;sup>2</sup> Versions with secondary switching function can also register the temperature and therefore offer an additional protection for electronics. Switch difference: 3 K (±1 K tolerance) at +25 °C (+77 °F), 50 % RH.